कार्यालय जिलाधिकारी, प्रयागराज

पत्रांकः 724 /NGT (OA 310/2022)/04 दिनांकः 20 मई, 2024

सेवा में,

रजिस्ट्रार,
मा0 राष्ट्रीय हरित अधिकरण,
नई दिल्ली,

विषयः– मा0 राष्ट्रीय हरित अधिकरण, नई दिल्ली के समक्ष प्रस्तुत आवेदन संख्या–310/2022 में पारित आदेश दिनांक 07.02.2024 एवं 13.03.2024 के सम्बन्ध में जिलाधिकारी, प्रयागराज की ओर से रिपोर्ट प्रस्तुत करने के सम्बन्ध में।

महोदय,

कृपया उपरोक्त विषय का सन्दर्भ ग्रहण करने का कष्ट करें। तत्क्रम में मा0 राष्ट्रीय हरित अधिकरण, नई दिल्ली के समक्ष प्रस्तुत आवेदन संख्या–310/2022 में पारित आदेश दिनांक 07.02.2024 एवं 13.03.2024 के अनुपालन में जिलाधिकारी, प्रयागराज की ओर से रिपोर्ट आवश्यक कार्यवाही एवं सुलभ सन्दर्भ हेतु प्रेषित है।

संलग्नक–यथोक्त।

(नवनीत सिंह चहल)
जिलाधिकारी, प्रयागराज

पृ०सं० एवं दिनांक–उपरोक्तानुसार।
प्रतिलिपि–निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1. कुम्भ मेलाधिकारी, मेला प्राधिकरण, प्रयागराज।
2. मण्डलायुक्त, प्रयागराज को सादर अवलोकनार्थ प्रेषित।
3. श्री अंकित वर्मा, स्थायी अधिवक्ता, मा0 राष्ट्रीय हरित अधिकरण, नई दिल्ली को सूचनार्थ एवं आवश्यक कार्यवाही।

(नवनीत सिंह चहल)
जिलाधिकारी, प्रयागराज

कार्यालय जिलाधिकारी, प्रयागराज

पत्रांकः 724 /NGT (OA 310/2022)/04 दिनांकः 20 मई, 2024

सेवा में,

रजिस्ट्रार,
मा0 राष्ट्रीय हरित अधिकरण,
नई दिल्ली,

विषयः— **मा0 राष्ट्रीय हरित अधिकरण, नई दिल्ली के समक्ष प्रस्तुत आवेदन संख्या–310/2022 में पारित आदेश दिनांक 07.02.2024 एवं 13.03.2024 के सम्बन्ध में जिलाधिकारी, प्रयागराज की ओर से रिपोर्ट प्रस्तुत करने के सम्बन्ध में।**

महोदय,

कृपया उपरोक्त विषय का सन्दर्भ ग्रहण करने का कष्ट करें। तत्क्रम में मा0 राष्ट्रीय हरित अधिकरण, नई दिल्ली के समक्ष प्रस्तुत आवेदन संख्या–310/2022 में पारित आदेश दिनांक 07.02.2024 एवं 13.03.2024 के अनुपालन में जिलाधिकारी, प्रयागराज की ओर से रिपोर्ट आवश्यक कार्यवाही एवं सुलभ सन्दर्भ हेतु प्रेषित है।

संलग्नक–यथोक्त।

(नवनीत सिंह चहल)
जिलाधिकारी, प्रयागराज

पृ०सं० एवं दिनांक–उपरोक्तानुसार।
प्रतिलिपि–निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1. कुम्भ मेलाधिकारी, मेला प्राधिकरण, प्रयागराज।
2. मण्डलायुक्त, प्रयागराज को सादर अवलोकनार्थ प्रेषित।
3. श्री अंकित वर्मा, स्थायी अधिवक्ता, मा0 राष्ट्रीय हरित अधिकरण, नई दिल्ली को सूचनार्थ एवं आवश्यक कार्यवाही।

(नवनीत सिंह चहल)
जिलाधिकारी, प्रयागराज

REPORT

PLACED BEFORE HON'BLE NATIONAL GREEN TRIBUNAL

PRINCIPAL BENCH, NEW DELHI

IN O.A. NO. 310 OF 2022

IN THE MATTER OF

KAMLESH SINGH **APPLICANT**

VERSUS

STATE OF UTTAR PRADESH **RESPONDENT**

INDEX

S.N.	PARTICULARS	PAGE NO.
1.	**REPORT** OF JOINT COMMITTEE CONSTITUTED IN O.A. NO. 310/2022 KAMLESH SINGH VERSUS STATE OF UTTAR PRADESH IN COMPLIANCE OF HON'BLE NGT, ORDRT DATED:07.02.2024 and 13.03.2024	1-10
2	**ANNEXURE-1:** Minutes of meeting held on 29.02.2024	11-14
3	**ANNEXURE-2:** Flow Measurements details of untapped drains	15-370
4	**ANNEXURE-3:** Test Reports of untapped drains	371-389
5	**ANNEXURE-4:** Inspection report of STP's	390-500
6	**ANNEXURE-5:** Plan for sewerage Network, Sewer House Connection & septage management in Mela area during Mahakumbh - 2025	501-528

Report

In compliance of

Hon'ble NGT, Principal Bench, New Delhi's order dated 07.02.2024 and 13.03.2024

In the matter of Original

Application No. 310/2022

(Kamlesh Singh Versus State of Uttar Pradesh)

Report in compliance of Hon'able NGT, New Delhi Order Dated 07.02.2024 & 13.03.2024 in case of OA No. 310/2022 in the matter of Kamlesh Singh Vs State of UP

Hon'ble NGT, Principal Bench, New Delhi has passed order on Dated 07.02.2024 in OA No. 310/2022 in the matter of Kamlesh Singh Vs State of UP. The relevant para read as:

"…..5. A plea has been taken in reply of Kumbh Mela, Prayagraj that STP treated water is flown in River Ganga and Yamuna in Compliance to MoEF&CC notified standards, for bathing of pilgrims coming for Kumbh Mela at Prayagraj.

6. *In order to ascertain the correct position, we need to have the report relating to total generation of sewage, existing installed STPs and their current level of utilization and functioning/performance of STPs from which treated water is discharged in River Ganga and Yamuna at Paryagraj. Hence, we form a committee comprising: -*

   I. *Representative of Member Secretary, CPCB;*
   II. *RO MOEF&CC, Lucknow;*
   III. *District Magistrate, Prayagraj;*
   IV. *RO, UPPCB, Prayagraj;*
   V. *Chief Engineer, UP Jal Nigam.*

7. *Committee is directed to carry out inspection of all the drains joining River Ganga and Yamuna and all the STPs from which discharge is being made to River Ganga and Yamuna in District Paryagraj. The said committee will carry out spot inspection, collect the samples of discharged treated water with sample analysis done and also collect the information in respect of functioning of the STPs and submit the report before the Tribunal at least one week before the next date of hearing by email at judicial-ngt@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF. District Magistrate, Paryagraj will be act as nodal agency. Committee will also ascertain the position in respect of total per day generation of sewage in Paryagraj and treatment capacity of STPs and existing gap and action taken to eliminate that gap.*

8. *NMCG and Kumbh Mela Adhikari will also file the report placing on record existing water quality of River Ganga and Yamuna and their efforts to maintain water quality of River Ganga and Yamuna to be fit for bathing that is, Class 'B' category of Primary Water Quality 'Criteria'.*

9. *NMCG will also file the report clarifying that STPs are meeting the standards particularly with reference to Ganga Order, 2024.*

10. *A copy of this order be forwarded to Member Secretary, CPCB; RO, MOEF&CC, Lucknow, District Magistrate, Paryagraj, RO, UPPCB, Paryagraj and Chief Engineer, UP Jal Nigam by email for compliance. "*

In compliance of Hon'ble NGT Order, Joint Committee has been constituted, the details of the Joint Committee are as under: -

I. *Dr. Devendra Kumar Soni, Regional Director –*
   Representative of Member Secretary, CPCB;
II. *Dr. Satya, Scientist – E –*
   Representative of RO MOEF&CC, Lucknow

III. *Sh. Navneet Singh Chahal, District Magistrate,*
District Magistrate, Prayagraj;

IV. *Sh. R.K. Singh – Regional Officer*
Representative of UPPCB, Prayagraj;

V. *Sh. R B Ram, Chief Engineer, UP Jal Nigam (Rural), Kanpur*
Chief Engineer, UP Jal Nigam

VI. *Sh. Amit Kumar, Superintending Engineer, Construction Circle*
Representative of Chief Engineer, UP Jal Nigam (Urban), Prayagraj Chief Engineer, UP Jal Nigam

In continuation, a meeting was convened on 29.02.2024 under the Chairmanship of District Magistrate Prayagraj to discuss further course of action and decide the strategy to visit all the drains joining river Ganga and Yamuna, STPs operating in Prayagraj, collect the relevant information from the concern department/agencies. Minutes of meeting is attached as **Annexure - 1** for reference.

Inspection of drains

The Joint Committee has inspected total 81 drains & collected the samples from the all untapped drains to evaluate the characteristics as well as pollution load meeting to respective river. Similarly, the flow of the all the untapped drains was measured continuously for 7 days using appropriate device (V-Notch). The details of untapped drains is tabulated in ***Table - 1.*** The flow measurement details are annexed as **Annexure – 2** & test reports are annexed as **Annexure – 3** for reference.

TABLE–1: Details of Untapped drains joining river Ganga & Yamuna

Sr. No.	Name of Drain	River	Flow in MLD (April, 2024)	As per Test Report of UPPCB (Peak Hour)		As per Test Report of UPPCB (Lean Hour)		Pollution Load due to Untapped Drains during Peak Hour		Pollution Load due to Untapped Drains during Lean Hour		Average Pollution Load due to Untapped Drains	
				BOD (mg/l)	TSS (mg/l)	BOD (mg/l)	TSS (mg/l)	BOD (kg/d)	TSS (kg/d)	BOD (kg/d)	TSS (kg/d)	BOD (kg/d)	TSS (kg/d)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Dariyabad Kakahraghat Drain Meerapur	Yamuna	2.113	68	120	60	114	143.68	253.56	126.78	240.88	135.23	247.22
2	Dariyabad Pipalghat Drain	Yamuna	0.120	66	127	58	123	7.92	15.24	6.96	14.76	7.44	15.00
3	Salori Drain (Partialy)	Ganga	8.783	76	100	62	68	667.51	878.30	544.55	597.24	606.03	737.77
4	Shivkuti Drain No. 1	Ganga	1.192	72	98	58	72	85.82	116.82	69.14	85.82	77.48	101.32
5	Shivkuti Drain No. 2	Ganga	0.162	66	90	55	64	10.69	14.58	8.91	10.37	9.80	12.47
6	Shivkuti Drain No. 3 (North)	Ganga	0.218	68	96	54	78	14.82	20.93	11.77	17.00	13.30	18.97
7	Shivkuti Drain No. 4	Ganga	0.278	70	100	64	84	19.46	27.80	17.79	23.35	18.63	25.58
8	Shivkuti Drain No. 5	Ganga	0.320	76	106	58	84	24.32	33.92	18.56	26.88	21.44	30.40
9	Shivkuti Drain No. 6	Ganga	0.275	70	88	62	70	19.25	24.20	17.05	19.25	18.15	21.73

Sr. No.	Name of Drain	River	Flow in MLD (April, 2024)	As per Test Report of UPPCB (Peak Hour)		As per Test Report of UPPCB (Lean Hour)		Pollution Load due to Untapped Drains during Peak Hour		Pollution Load due to Untapped Drains during Lean Hour		Average Pollution Load due to Untapped Drains	
				BOD (mg/l)	TSS (mg/l)	BOD (mg/l)	TSS (mg/l)	BOD (kg/d)	TSS (kg/d)	BOD (kg/d)	TSS (kg/d)	BOD (kg/d)	TSS (kg/d)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
10	Shivkuti Drain No. 7 (East)	Ganga	0.767	78	106	64	79	59.83	81.30	49.09	60.59	54.46	70.95
11	Govindpur Colony Drain (Purani Basti)	Ganga	0.218	79	120	66	94	17.22	26.16	14.39	20.49	15.81	23.33
12	Govindpur Colony Drain No. 1	Ganga	0.275	78	100	65	86	21.45	27.50	17.88	23.65	19.66	25.58
13	Govindpur Colony Drain No. 2	Ganga	0.323	72	124	68	98	23.26	40.05	21.96	31.65	22.61	35.85
14	Govindpur Colony Drain No. 3	Ganga	0.162	78	120	69	90	12.64	19.44	11.18	14.58	11.91	17.01
15	Govindpur Colony Drain No. 4	Ganga	0.271	70	98	66	78	18.97	26.56	17.89	21.14	18.43	23.85
16	Jondhwal Drain	Ganga	6.753	64	101	60	93	432.19	682.05	405.18	628.03	418.69	655.04
17	Shankarghat Drain -01	Ganga	0.444	72	97	62	92	31.97	43.07	27.53	40.85	29.75	41.96
18	Shankarghat Drain -02	Ganga	0.946	70	84	60	81	66.22	79.46	56.76	76.63	61.49	78.05
19	A.D.A. Colony Drain / Jwaladevi	Ganga	4.277	70	94	68	92	299.39	402.04	290.84	393.48	295.11	397.76
20	Shankarghat Colony Drain (Near Phaphamau Bridge)	Ganga	0.951	64	90	58	82	60.86	85.59	55.16	77.98	58.01	81.79
21	Rajapur Drain	Ganga	27.166	70	88	62	84	1901.62	2390.61	1684.29	2281.94	1792.96	2336.28
22	Sadar Bazar Drain	Ganga	4.787	66	114	62	102	315.94	545.72	296.79	488.27	306.37	517.00
23	Nehru Park Nala	Ganga	2.719	62	87	58	83	168.58	236.55	157.70	225.68	163.14	231.12
24	Yadavpur drain	Ganga	0.651	70	98	62	94	45.57	63.80	40.36	61.19	42.97	62.50
25	Dariyabad Jogighat Drain Meerapur	Yamuna	0.510	76	106	70	98	38.76	54.06	35.70	49.98	37.23	52.02
26	Balua ghat JCC Backside	Yamuna	0.150	78	124	74	116	11.70	18.60	11.10	17.40	11.40	18.00
27	Drain near Chachar Drain/Bargad Ghat Meerapur	Yamuna	0.190	72	102	66	95	13.68	19.38	12.54	18.05	13.11	18.72
28	Ghaghar Drain 1-A / Sadiyapur Drain	Yamuna	0.260	76	116	70	110	19.76	30.16	18.20	28.60	18.98	29.38
29	Ghaghar Drain 1-A1	Yamuna	0.210	70	97	62	93	14.70	20.37	13.02	19.53	13.86	19.95
30	Ghaghar Drain 1-B/Harshvardhan Drain	Yamuna	0.100	72	100	68	94	7.20	10.00	6.80	9.40	7.00	9.70

Sr. No.	Name of Drain	River	Flow in MLD (April, 2024)	As per Test Report of UPPCB (Peak Hour)		As per Test Report of UPPCB (Lean Hour)		Pollution Load due to Untapped Drains during Peak Hour		Pollution Load due to Untapped Drains during Lean Hour		Average Pollution Load due to Untapped Drains	
				BOD (mg/l)	TSS (mg/l)	BOD (mg/l)	TSS (mg/l)	BOD (kg/d)	TSS (kg/d)	BOD (kg/d)	TSS (kg/d)	BOD (kg/d)	TSS (kg/d)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
31	Indira Awas Drain / Jai Gurudev Ashram Drain	Ganga	1.190	62	102	60	100	73.78	121.38	71.40	119.00	72.59	120.19
32	Mahewa Pasi Tola Drain No. 1	Yamuna	0.720	80	100	72	84	57.60	72.00	51.84	60.48	54.72	66.24
33	Mahewa Pasi Tola Drain No. 2	Yamuna	0.410	76	98	64	72	31.16	40.18	26.24	29.52	28.70	34.85
34	Mahewa Pasi Tola Drain No. 3	Yamuna	0.620	82	106	72	88	50.84	65.72	44.64	54.56	47.74	60.14
35	Mahewa Pasi Tola Drain No. 4	Yamuna	0.310	79	96	65	84	24.49	29.76	20.15	26.04	22.32	27.90
36	Mahewa Pasi Tola Drain No. 5	Yamuna	0.410	76	79	68	64	31.16	32.39	27.88	26.24	29.52	29.32
37	Baretha/Kashi pur	Ganga	1.050	70	120	62	106	73.50	126.00	65.10	111.30	69.30	118.65
38	3 small drain near mahewa ghat	Yamuna	2.111	78	105	64	80	164.66	221.66	135.10	168.88	149.88	195.27
39	Gokula Drain	Ganga	1.220	81	97	65	66	98.82	118.34	79.30	80.52	89.06	99.43
40	Baswar	Yamuna	0.170	76	120	62	96	12.92	20.40	10.54	16.32	11.73	18.36
41	Madauka	Yamuna	0	-	-	-	-	-	-	-	-	-	-
42	Co-operative drain	Ganga	0	-	-	-	-	-	-	-	-	-	-
43	Fort Drain no. - 1	Yamuna	0	-	-	-	-	-	-	-	-	-	-
44	Fort Drain no. - 2	Yamuna	0	-	-	-	-	-	-	-	-	-	-
	Total		**73.80**					**5193.91**	**7135.6**	**4598.0**	**6317.5**	**4895.9**	**6726.6**

Presently these untapped drains are being treated by Bioremediation method. The Joint Committee has also inspected total 37 tapped drains. Flow of all the tapped drains were diverted to related STP's for treatment. The details of tapped drains is tabulated in ***Table -2.***

TABLE–2: Details of Tapped drains joining river Ganga & Yamuna

S. No.	Name of Drains	RIVER	Flow (MLD) April, 2024	Diverted & treated on STP
1	2	3	4	5
1	Chachar Drain	Yamuna	25.70	80 MLD Naini – I STP
2	Drain at Gate No. 9	Yamuna	2.21	
3	Drain at Gate No. 13	Yamuna	2.03	
4	Sasur Khaderi Drain	Yamuna	18.50	50 MLD Numayadahi STP
5	Main Ghaghar Drain	Yamuna	26.58	
6	Karela Bagh Drain	Yamuna	0.61	

S. No.	Name of Drains	RIVER	Flow (MLD) April, 2024	Diverted & treated on STP
1	**2**	**3**	**4**	**5**
7	Karela Bagh Drain A-1	Yamuna	0.75	
8	Karela Bagh Drain A-2	Yamuna	0.74	
9	Chilla Drain	Ganga	1.23	29 and 14 MLD Salori STP
10	Allenganj Nala / Buxi Bund Drain	Ganga	20.56	
	Salori Drain (Partially Tapped)	Ganga	11.30	
11	Mehdauri Gaon Drain	Ganga	1.48	60 MLD Rajapur STP
12	Rasulabad Puccaghat Drain	Ganga	1.63	
13	Jondhwal Rasulabad Drain (Murdaghat)	Ganga	1.58	
14	Jondhwal Ghat Drain/Chhuhara Mandir	Ganga	1.38	
15	Morigate Drain	Ganga	8.46	
16	Drains of Daraganj Area	Ganga	2.11	
17	Mumfordganj Drain	Ganga	10.56	
18	Ponghat Nala	Ganga	7.71	10 MLD Ponghat STP
19	Kodra Nala	Ganga	13.36	25 MLD Kodra STP
20	Shantipuram Drain	Ganga	4.69	14 MLD Phaphamau STP
21	Basna Drain	Ganga	4.62	
22	Mawaiya Nala	Yamuna	29.97	42 MLD Naini – II STP
23	Mahewa Ghat Drain No. 1	Yamuna	0.75	
24	Mahewa Ghat Drain No. 2	Yamuna	0.42	
25	Mahewa Ghat Drain No. 3	Yamuna	0.61	
26	Arail Drain No. 2 (Kharkauni drain)	Yamuna	3.31	
27	Sachcha Baba Ashram Drain	Yamuna	1.49	
28	Near Arail Ghat	Yamuna	0.21	
29	5 small drains near Gangoli Shivala Drain (Augharwa Nala, Bhola Mandir Nala,Gangoli Shivala Nala I, Gangoli Shivala Nala II, Savitri Nagar Nala)	Ganga	1.02	16 MLD Jhunsi STP
30	Dham Drain	Ganga	0.44	
31	Shastri Bridge Drain (inc. 3 small drains)	Ganga	0.64	
32	Triveni Marg Drain I	Ganga	1.15	
33	Triveni Marg Drain II	Ganga	0.62	
34	Ulta Quila I	Ganga	0.33	
35	Ulta Quila II	Ganga	0.26	
36	Lotey Haren/Havelia Nala	Ganga	6.53	
37	Lakkar Drain	Ganga	0.63	
		Total	**216.17**	

Inspection of STP's

The Joint Committee has also inspected all the 10 STP's for assessment of utilization capacity & its performance. Out of these, 9 STP's are being operated & maintained by M/s Prayagraj Water Private ltd. & 1 STP is being operated & maintained by M/s Toshiba Water Solutions Pvt. Ltd. During inspection, the inlet as well as outlet sample were collected from all STP's for the performance as well as compliance verification. The summary of STP's is tabulated in ***Table – 3*** and the detail inspection report is annexed as **Annexure – 4** for reference.

TABLE–3: Details of STP's Utilization capacity & it's Functioning/Performance

S. No.	Sewerage District	Name of STPs	Name of Technology	Year of Commissioning	Design Capacity (in mld)	Utilized (in %)	Functioning/Performance
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
1	A	80 MLD Naini-I	Activated Sludge Process	1998	80	100 %	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
2	B	50 MLD Numayadahi	Bio Tower + Activated Sludge Process	2013	50	100 %	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
3	C	29 MLD Salori 1	Fluidized Aerobic Bed Reactor	2007	29	100 %	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
4		14 MLD Salori 2	Sequential Batch Reactor	2016	14	100 %	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
5	D	60 MLD Rajapur	Upflow Anaerobic Sludge Blanket Reactor	2013	60	100 %	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
6	E	25 MLD Kodra	Bio Tower + Activated Sludge Process	2013	25	100 %	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
7		10 MLD Ponghat	Bio Tower + Activated Sludge Process	2013	10	100 %	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
8	F	14 MLD Phaphamau	Food Chain Reactor	2023	14	100 %	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
9	G	42 MLD Naini-II	Food Chain Reactor	2023	42	85 %	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
10	Jhunsi	16 MLD Jhunsi	Food Chain Reactor	2023	16	90 %	Compliance w.r.t. MoEF & CC Norms dated 13th October, 2017
		Total			**340**		

Sewerage Network, House connection & septage management in mela area

According to Topographical Condition, Prayagraj City has been divided in 8 Sewerage district and sewerage network has been laid in these areas under various projects, summary of the same is tabulated in ***Table – 4***.

TABLE–4: Details of Sewerage Network and Sewer house Connection

S. No.	Sewerage District	Sewerage Network details			Sewer House connection details		
		Total Road Length (km)	Total length of the Laid sewer line (km)	Sewer Line to be laid (km)	Total House hold projection (year 2025) (Nos.)	Connected House Hold (Nos.)	House Connection to be connected with Sewerage System
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
1	A	310.38	305.00	5.38	54819	53263	1556
2	B	221.91	213.71	8.20	48602	43661	4941
3	C	222.47	220.04	2.43	29145	28097	1048

S. No.	Sewerage District	Sewerage Network details			Sewer House connection details		
		Total Road Length (km)	Total length of the Laid sewer line (km)	Sewer Line to be laid (km)	Total House hold projection (year 2025) (Nos.)	Connected House Hold (Nos.)	House Connection to be connected with Sewerage System
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
4	D	536.17	505.00	31.17	61905	42812	19093
5	E	181.10	157.60	23.50	39195	31375	7820
6	F (inc. Extended Area	286.00	40.00	246.00	16859	4756	12103
7	G (inc. Extended Area)	728.00	0.00	728.00	45000	0	45000
8	Jhunsi (inc. Extended Area)	686.00	0.00	686.00	34593	0	40345
9	B & E Extended Area	336.00	0.00	336.00	24550	0	34550
	Total	**3508.03**	**1441.35**	**2066.68**	**370420**	**203964**	**166456**

For Scarcely populated extended areas of Nagar Nigam Prayagraj, treatment of faecal sludge /Septage will be done at following Fecal Sludge Co-Treatment Plants constructed/under construction at existing Sewage Treatment facilities.

1. 100 KLD Faecal Sludge (Co-Treatment) Plant at Naini.
2. 50 KLD Faecal Sludge (Co-Treatment) Plant at Jhunsi.
3. 50 KLD Faecal Sludge (Co-Treatment) Plant at Salori.

The faecal sludge generated in Mela area from toilets is transported through cesspool vehicles and treated at Existing Permanent STPs in the city and temporary STPs usually Constructed in Mela area.

The grey waste water generated from washing hands, Kitchen etc. having very less BOD is collected in various ponds constructed in mela area and the treatment is done by bioremediation method to make the mela vicinity odour free. The detail plan is attached as **Annexure - 5** for reference.

Gap Analysis

Details regarding Gap Analysis in Sewerage Network, House Connection and action plan for the same is also attached as **Annexure - 5** for reference.

The total sewage through sewerage network received at all 10 STP's is around **178. 31 MLD**, summary of the same is tabulated in ***Table – 5***

TABLE–5: Details of Sewage Generation

S. No.	Sewerage district	Nos. of Drains				Total Flow Received at STP in the month April - 2024	Source of Sewage Generation			
		Tapped	Untapped (to be tapped)	Untapped (tapping is not Required)*	Total		Tapped Drains	Untapped Drains	Sewerage Network (Col. 7 – Col. 8)	Total
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
1	A	3	8	2	13	106.30	29.94	3.65	76.36	109.95
2	B	5	0	0	5	57.04	47.18	0.00	9.86	57.04
3	C	2	13	0	15	51.25	33.09	13.24	18.16	64.49
4	D	7	7	0	14	73.88	27.20	45.32	46.68	119.20
5	E	2	3	0	5	41.30	21.07	4.42	20.23	45.72
6	F	2	1	1	4	16.33	9.31	1.19	7.02	17.52
7	G	7	7	1	15	36.76	36.76	4.75	0.00	41.51
8	Jhunsi	9	0	1	10	11.62	11.62	1.22	0.00	12.84
	Total	**37**	**39**	**5**	**81**	**394.48**	**216.17**	**73.80**	**178.31**	**468.28**
Hence, Total Sewage Generation in City by 81 Nos. Drains + sewerage network								**468.28**	**MLD**	

*** 1.** Tapping of 2 drains of Sewerage District A and 1 drain of Sewerage District F is not required due to Dry weather flow of these drain is zero.

2. Tapping of 1 drain of Sewerage District G and 1 drain of Sewerage District Jhunsi is not required due to low flow & low organic load of drains, However Possibility of tapping & treatment of these drains are being explored.

Gap Analysis

As mentioned above there are 81 drains having total discharge 289.97 MLD (Tapped + Untapped) & sewage receive through sewerage network at all 10 STP's is 178.31 MLD. So, total sewage generation in Prayagraj city is 468.28 MLD (Drains + Sewerage Network) and installed capacity of STP's is 340 MLD. Summary of sewage generation is tabulated in ***Table – 6*** and the summary of gap for tapping of drains is tabulated in ***Table - 7***.

TABLE–6: Summary of Gap in Sewage Generation

S. No.	Source of sewage	Discharge (MLD)	Remarks
1	Drains (Untapped)	73.80	Total from **TABLE - 1**
2	Drains (Tapped)	216.17	Total from **TABLE - 2**
3	Sewerage Network	178.31	Total from **TABLE - 5**
	Total	**468.28**	
	Installed Capacity of STP's	**340.00**	Total from **TABLE - 3**
	Gap in treatment capacity	**128. 28**	

TABLE–7: Summary of Gap in Drains Tapping

S. No.	Tapped/Untapped Drains	Nos.	Discharge (MLD)
1	Total Drains	81	289.97
2	Tapped Drains	37	216.17
3	**Untapped drains**	**44**	**73.80**

The gap in treatment capacity is around 128 MLD & Nos. of untapped drains is 44 as mentioned in ***Table 6*** & ***Table 7*** respectively. On the basis of reports provided by concerned departments, action plan for the treatment of remaining waste water & tapping of untapped drains is tabulated in ***Table – 8***.

TABLE–8: Action plan for treatment of remaining waste water & tapping of untapped drains

S. No.	Action Plan	Nos of drains for tapping	Discharge (MLD)	Capacity of Proposed STP (MLD)
1	**2**	**3**	**4**	**5**
A	**Projects Sanctioned under Namami Gange Programme**			
1	**Interception and Diversion of 7 Drains and Augmentation of Rajapur STP Capacity by 90 MLD**- For Execution of work E-Tender was invited, which Financial Bid Evaluation Report is under review at NMCG, New Delhi. After issuance of LOA the execution work shall be completed in 18 months.	7	45.32	90
2	**Interception and Diversion of 13 Drains and Augmentation of Salori STP Capacity by 43 MLD** - The work is awarded and is under progress. Date of start is 19.03.2024 and Date of Completion is 18.08.2025.	13	13.24	43
3	**Interception and Diversion of 02 Drains and Augmentation of Naini-1 STP Capacity by 50 MLD**- For Execution of work E-Tender was invited, which Technical Bid Evaluation Report is under review. After issuance of LOA the execution work shall be completed in 16 months.	2	2.24	50
	Sub Total - A	**22**	**60.80**	**183**
B	**Projects Sanctioned under Mahakumbh - 2025 Programme**			
1	**Interception and Diversion of 02 Drains :-** Work is under progress under Mahakumbh-2025 Program. This is expected that execution work shall be completed in September, 2024.	2	3.37	After tapping, these drains will be treated at existing STP's.
2	**Interception and Diversion of Jai Guru Dev drain :-** Work is under progress under Mahakumbh-2025 Program. This is expected that execution work shall be completed in September, 2024.	1	1.19	
3	**Interception and Diversion of 6 no. drains of Mahewa, 4.14 MLD & 1.83 MLD SPS :-** Work is under progress under Mahakumbh-2025 Program. This is expected that execution work shall be completed in November, 2024.	6	4.58	
4	**Interception and Diversion of Madauka drain & 4.71 MLD SPS: -** Work is under progress under Mahakumbh-2025 Program. This is expected that execution work shall be completed in November, 2024. ***(Note : - This drain is under construction, present flow is zero but after construction of the drain flow shall be received.)***	1	0	
5	**Interception and Diversion of Kashipur drain & 1.52 MLD SPS: -** Work is under progress under Mahakumbh-2025 Program. This is expected that execution work shall be completed in November, 2024	1	1.05	

S. No.	Action Plan	Nos of drains for tapping	Discharge (MLD)	Capacity of Proposed STP (MLD)
1	2	3	4	5
6	**Interception and Diversion of 6 no. drains of Baluaghat area & 1.75 MLD SPS: -** Work is under progress under Mahakumbh-2025 Program. This is expected that execution work shall be completed in November, 2024	6	1.42	
	Sub Total - B	**17**	**11.61**	
	Total (A+B)	**39**	**72.41**	**183**
C	**Tapping not required**			
1	Dry weather flow zero	3	0	
2	Drains having low flow & low organic load (Possibility of tapping & treatment is being explored)	2	1.39	
	Sub Total - C	**5**	**1.39**	
	Grand Total (A+B+C)	**44**	**73.80**	**183**

The gap in treatment capacity will be meet out after the construction of newly proposed 3 no. STP's having total capacity of 183 MLD & untapped drains will be tapped under various projects mentioned in **Table– 8.**

Recommendation

The completion time for the works of tapping of 22 drains (60.80 MLD) proposed under Namami Gange Programme is going beyond Mahakumbh-2025 period. Therefore, considering the pollution potential during Mahakumbh- 2025 and to maintain river water quality for the pilgrimage it is proposed to treat the waste water of these untapped drains through Advance Oxidation Process/Geo synthetic dewatering tube modular dosing system/Geo Tube Method. This method has already been used during the Kumbh mela – 2019 & the result was quite satisfactory. This method is already under implementation in Varanasi to treat excess waste water of Assi nala, sanctioned by NMCG, New Delhi. In continuation to this, a proposal is submitted to NMCG, New Delhi for approval, which is likely to be approved by June, 2024.

Annexure – As above

Sr. No.	Name	Designation/Representation	Signature
1	*Dr. Devendra Kumar Soni*	*Regional Director, Representative of Member Secretary, CPCB*	
2	*Dr. Satya,*	*Scientist E, Representative of RO, MOEF&CC, Lucknow*	
3	*Sh. Navneet Singh Chahal*	*District Magistrate, Prayagraj*	
4	*Sh. R.K. Singh*	*RO, UPPCB, Prayagraj*	
5	*Sh. R B Ram*	*Chief Engineer, UP Jal Nigam (Rural), Kanpur*	
6	*Sh. Amit Kumar*	*Superintending Engineer, Construction Circle, Representative of Chief Engineer, UP Jal Nigam (Urban), Prayagraj*	

OFFICE OF THE DISTRICT MAGISTRATE, PRAYAGRAJ

Letter No. : 413 A /P.I.L / 3A Dated: 11 March, 2024

Minutes of Meeting held on 29.02.2024 & 01.03.2024 in compliance of Hon'ble NGT, New Delhi Order dated 07.02.2024 in OA No. 310/2022 in the matter of Kamlesh Singh vs State of UP.

Hon'ble NGT, Principal Bench, New Delhi has passed order on Dated 07.02.2024 in OA No.-310/2022 (Kamlesh Singh vs State of UP). The relevant para read as:

"…….5. *A plea has been taken in reply of Kumbh Mela, Paryagraj that STP treated water is flown in River Ganga and Yamuna in Compliance to MoEF&CC notified standards, for bathing of pilgrims coming for Kumbh Mela at Prayagraj.*

6. *In order to ascertain the correct position, we need to have the report relating to total generation of sewage, existing installed STPs and their current level of utilization and functioning/performance of STPs from which treated water is discharged in River Ganga and Yamuna at Paryagraj. Hence, we form a committee comprising: -*

   I. *Representative of Member Secretary, CPCB;*
   II. *RO MOEF&CC, Lucknow;*
   III. *District Magistrate, Paryagraj;*
   IV. *RO, UPPCB, Paryagraj;*
   V. *Chief Engineer, UP Jal Nigam.*

7. *Committee is directed to carry out inspection of all the drains joining River Ganga and Yamuna and all the STPs from which discharge is being made to River Ganga and Yamuna in District Paryagraj. The said committee will carry out spot inspection, collect the samples of 3 discharged treated water with sample analysis done and also collect the information in respect of functioning of the STPs and submit the report before the Tribunal at least one week before the next date of hearing by email at judicial-ngt@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF. District Magistrate, Paryagraj will be act as nodal agency. Committee will also ascertain the position in respect of total per day generation of sewage in Paryagraj and treatment capacity of STPs and existing gap and action taken to eliminate that gap.*

8. *NMCG and Kumbh Mela Adhikari will also file the report placing on record existing water quality of River Ganga and Yamuna and their efforts to maintain water quality of River Ganga and Yamuna to be fit for bathing that is, Class 'B' category of Primary Water Quality 'Criteria'.*

9. *NMCG will also file the report clarifying that STPs are meeting the standards particularly with reference to Ganga Order, 2024.*

10. *A copy of this order be forwarded to Member Secretary, CPCB; RO, MOEF&CC, Lucknow, District Magistrate, Prayagraj, RO, UPPCB, Prayagraj and Chief Engineer, UP Jal Nigam by email for compliance.*

11. ***Lists on 13.03.2024."***

In compliance of Hon'ble NGT Order, meeting was convened Under Chairmanship of District Magistrate Prayagraj dated 29.02.2024 to discussed further course of action and decide the strategy to visit of all the drains joining river Ganga and Yamuna, STPs operating in Prayagraj, collect the relevant information from the concern department/agencies.

As per the direction Hon'ble NGT Order the following Joint Committee has been constituted: -

I. *Dr. Devendra Kumar Soni, Regional Director –*
Representative of Member Secretary, CPCB;

II. *Dr. Satya, Scientist – E –*
Representative of RO MOEF&CC, Lucknow

III. *Sh. Navneet Singh Chahal, - District Magistrate -*
District Magistrate, Prayagraj;

IV. *Sh. R.K. Singh – Regional Officer*
Representative of UPPCB, Prayagraj;

V. *Sh. Praveen Kutti, Superintending Engineer*
Representative of Chief Engineer, UP Jal Nigam (Rural)

VI. *Sh. Amit Raj, Executive Engineer*
Representative of Chief Engineer, UP Jal Nigam (Urban)

During the meeting the following has been discussed: -

- The Committee member has been apprised the Hon'ble NGT order and date of listing.
- The Joint Committee has discussed the strategy regarding inspection/sample collection of all drains & STP's, information collection from concerning department in compliance of order discussed in detail.
- As per Hon'ble NGT order inspection/sample collection of all drains & STP's will be carried out by Joint Committee and shall be started on 29.02.2024 & to be continued till dated 01.03.2024 and committee will try to cover all drains/STP's during the visit at possible extent.
- In case all the drains/STPs not covered in first visit then scheduled for the second visit will be planned.
- As the River water quality, compliance verification of STPs is being monitored by UPPCB on regular basis, the monitoring will be carried out by them during the course of investigation of Hon'ble NGT matter and also relevant information will be provided by them.
- As UP Jal Nigam (Rural/Urban) and Jal Kal Vibhag, Nagar Nigam Prayagraj are working as executing agencies for the maintaining of tapped drains, O&M of STP's and sewerage network, they will provide information regarding the status of drains (tapped/untapped, installation of bio-remediation system, discharge of sewage into river Ganga & Yamuna), gap analysis of sewage generation and their treatment, capacity utilisation of the existing STP, status of fund allotted to JNURM for sewerage system under NGRBA project, work

being executed/proposed under Namami Gange programme/ Mahakumbh-2025 and availability of the clean water for Mahakumbh-2025.

- It is also decided that logistic support as well as sample collected by Joint Committee will be analysed at the Regional Office, UP Pollution Control Board, Prayagraj.

Meeting concluded with a vote of thanks.

List of participants is annexed

(Navneet Singh Chahal)
District Magistrate, Prayagraj

CC: To the following for information and necessary action:

1. **Member Secretary, Central Pollution Control Board, Parivesh Bhawan East Arjun Nagar, Delhi-110032. (Email ID- mscb.cpcb@nic.in)**
2. **RO, Ministry of Environment, Forest &Climate Change, 11th Floor, Kendriya Bhawan, Sector-H, Aliganj, Lucknow. (Email ID- rocz.lko-mef@nic.in)**
3. मण्डलायुक्त महोदय, प्रयागराज।
4. मेलाधिकारी, प्रयागराज मेला प्राधिकरण, प्रयागराज।
5. उपाध्यक्ष, प्रयागराज विकास प्राधिकरण, प्रयागराज।
6. नगर आयुक्त, नगर निगम, प्रयागराज।
7. **Chief Engineer, UP Jal Nigam(Urban), Prayagraj**
8. **(Email ID- zce_upjn_alld@yahoo.co.in) / Chief Engineer, UP Jal Nigam(Rural), Kanpur (Email ID- zce_kan_upjn@yahoo.in)**
9. अधीक्षण अभियन्ता, निर्माण मण्डल, उ0प्र0 जल निगम (नगरीय), प्रयागराज।
10. अधीक्षण अभियन्ता, मण्डल कार्यालय, उ0प्र0 जल निगम (ग्रामीण), प्रयागराज।
11. महाप्रबन्धक, जलकल विभाग, प्रयागराज।
12. **RO, Uttar Pradesh Pollution Control Board, Jhunsi, Prayagraj. (Email ID- roallahabad@uppcb.com)**

District Magistrate, Prayagraj

मा0 एन0जी0टी0, नई दिल्ली द्वारा OA No. 310/2022 में दिनांक 07.02.2024 को पारित आदेश के क्रम में जिलाधिकारी महोदय, प्रयागराज की अध्यक्षता में दिनांक 29.02.2024 को आयोजित बैठक में उपस्थिति का विवरण

क्र0 सं0	नाम व पदनाम	विभाग	मोबाइल न0	हस्ताक्षर
1	Navneet S. Chahal	DM Prayagraj	9454417577	
2	DR. Devendra Kumar Soni	CPCB. R.D, Lucknow	9794996946	29.2.24
3	विनोद कुमार सिंह	City Magistrate	9454178351	
4	प्रवीण कुमार अपो० आयुक्त (प्रशासन)	उ० प्र० जल निगम (ग्रामीण)	9473942662	
5.	उत्तम कुमार, एक्स० अभियन्ता	नगर निगम	8303701016	
6.	Nazm Muzaffar	Nagar Nigam	8303701019	
7	Amit Roy, EE	UPJN(U)	9473942661	
8	S. S. Parmar	PM, UPJN (R)	9473942674	
9	Dr. Mrs. Saija	MoEF+CC, LKO	9453021374	
10	Dharmnath, RA	CPCB, RD, LKO	9953247346	

79

कार्यालय : मुख्य अभियन्ता, नगर निगम, प्रयागराज।

सं0डी0 : 90 /पप्रा0/2024–25 दिनांक : 13 मई, 2024

सेवा में,

जिलाधिकारी,
प्रयागराज।

विषय : मा0 राष्ट्रीय हरित अधिकरण, नई दिल्ली में विचाराधीन ओ0ए0 संख्या–310/2022 कमलेश सिंह बनाम उ0प्र0 राज्य एवं अन्य में दिनांक 07.02.2024 को पारित आदेश के सम्बन्ध में।

महोदय,

कृपया उपर्युक्त विषयक आपके पत्रांक–517/NGT(OA-310/2022)/02 दिनांक 23.03.2024 (छायाप्रति संलग्न) का अवलोकन करने का कष्ट करें जिसके द्वारा मा0 राष्ट्रीय हरित अधिकरण, नई दिल्ली में विचाराधीन ओ0ए0 संख्या–310/2022 कमलेश सिंह बनाम उ0प्र0 राज्य एवं अन्य में दिनांक 07.02.2024 को पारित आदेश के क्रम में अनटैप्ड नालों के सम्बन्ध में चाही गयी आख्या पत्र के साथ संलग्नकर प्रेषित की जा रही है।

संलग्नक : उपरोक्तानुसार।

भवदीय,

3.05.2024

(सतीश कुमार)
मुख्य अभियन्ता

संख्या एवं दिनांक तदैव।

प्रतिलिपि : निम्नलिखित को सादर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :–

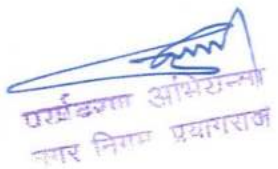
1. मेलाधिकारी महोदय, प्रयागराज मेला प्राधिकरण, प्रयागराज।
2. नगर आयुक्त महोदय।
3. मुख्य अभियन्ता प्रयागराज क्षेत्र, उ0प्र0 जल निगम (नगरीय प्रयागराज।
4. अधीक्षण अभियन्ता निर्माण मण्डल, उ0प्र0 जल निगम (नगरीय) प्रयागराज।
5. परियोजना प्रबन्धक, गंगा प्रदूषण नियंत्रण इकाई, उ0प्र0 जल निगम, प्रयागराज।

पर्यावरण अभियन्ता

Summary of Flow of Untapped Drains (Joining River Ganga and Yamuna) at Prayagraj

Sr. No.	Name of Drain	River	Flow (2024) in mld
1	Dariyabad Kakahraghat Drain Meerapur	Yamuna	2.113
2	Dariyabad Pipalghat Drain	Yamuna	0.120
3	Salori Drain (Partialy)	Ganga	8.783
4	Shivkuti Drain No. 1	Ganga	1.192
5	Shivkuti Drain No. 2	Ganga	0.162
6	Shivkuti Drain No. 3 (North)	Ganga	0.218
7	Shivkuti Drain No. 4	Ganga	0.278
8	Shivkuti Drain No. 5	Ganga	0.320
9	Shivkuti Drain No. 6	Ganga	0.275
10	Shivkuti Drain No. 7 (East)	Ganga	0.767
11	Govindpur Colony Drain (Purani Basti)	Ganga	0.218
12	Govindpur Colony Drain No. 1	Ganga	0.275
13	Govindpur Colony Drain No. 2	Ganga	0.323
14	Govindpur Colony Drain No. 3	Ganga	0.162
15	Govindpur Colony Drain No. 4	Ganga	0.271
16	Jondhwal Drain	Ganga	6.753
17	Shankarghat Drain -01	Ganga	0.444
18	Shankarghat Drain -02	Ganga	0.946
19	A.D.A. Colony Drain / Jwaladevi	Ganga	4.277
20	Shankarghat Colony Drain (Near Phaphamau Bridge)	Ganga	0.951
21	Rajapur Drain	Ganga	27.166
22	Sadar Bazar Drain	Ganga	4.787
23	Nehru Park Nala	Ganga	2.719
24	Yadavpur drain	Ganga	0.651
25	Dariyabad Jogighat Drain Meerapur	Yamuna	0.510
26	Balua ghat JCC Backside	Yamuna	0.150
27	Drain near Chachar Drain/Bargad Ghat Meerapur	Yamuna	0.190
28	Ghaghar Drain 1-A / Sadiyapur Drain	Yamuna	0.260
29	Ghaghar Drain 1-A1	Yamuna	0.210
30	Ghaghar Drain 1-B/Harshvardhan Drain	Yamuna	0.100
31	Indira Awas Drain / Jai Gurudev Ashram Drain	Ganga	1.190
32	Mahewa Pasi Tola Drain No. 1	Yamuna	0.720
33	Mahewa Pasi Tola Drain No. 2	Yamuna	0.410
34	Mahewa Pasi Tola Drain No. 3	Yamuna	0.620
35	Mahewa Pasi Tola Drain No. 4	Yamuna	0.310
36	Mahewa Pasi Tola Drain No. 5	Yamuna	0.410
37	Baretha/Kashipur	Ganga	1.050
38	3 small drain near mahewa ghat	Yamuna	2.111
39	Gokula Drain	Ganga	1.220
40	Baswar	Yamuna	0.170
	Total		**73.802**

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Dariyabad Kakahraghat Drain Meerapur		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.024	24.462	2.113
2	Day 2	0.025	24.808	2.143
3	Day 3	0.025	24.604	2.126
4	Day 4	0.024	23.756	2.052
5	Day 5	0.025	24.708	2.135
6	Day 6	0.024	24.448	2.112
7	Day 7	0.024	24.444	2.112
AVERAGE		0.024	24.461	2.113



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Kakahraghat Drain Meerapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.20	1.420	0.025	25.402	2.1947
2	02.04.2024	10:00 AM	0.27	1.420	0.054	53.790	4.6474
3	02.04.2024	11:00 AM	0.29	1.420	0.064	64.311	5.5564
4	02.04.2024	12:00 PM	0.25	1.420	0.044	44.375	3.8340
5	02.04.2024	1:00 PM	0.19	1.420	0.022	22.345	1.9306
6	02.04.2024	2:00 PM	0.15	1.420	0.012	12.374	1.0691
7	02.04.2024	3:00 PM	0.13	1.420	0.009	8.653	0.7476
8	02.04.2024	4:00 PM	0.15	1.420	0.012	12.374	1.0691
9	02.04.2024	5:00 PM	0.18	1.420	0.020	19.520	1.6865
10	02.04.2024	6:00 PM	0.19	1.420	0.022	22.345	1.9306
11	02.04.2024	7:00 PM	0.20	1.420	0.025	25.402	2.1947
12	02.04.2024	8:00 PM	0.26	1.420	0.049	48.947	4.2290
13	02.04.2024	9:00 PM	0.29	1.420	0.064	64.311	5.5564
14	02.04.2024	10:00 PM	0.21	1.420	0.029	28.697	2.4794
15	02.04.2024	11:00 PM	0.20	1.420	0.025	25.402	2.1947
16	02.04.2024	12:00 AM	0.15	1.420	0.012	12.374	1.0691
17	03.04.2024	1:00 AM	0.09	1.420	0.003	3.451	0.2981
18	03.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	03.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	03.04.2024	4:00 AM	0.08	1.420	0.003	2.570	0.2221
21	03.04.2024	5:00 AM	0.10	1.420	0.004	4.490	0.3880
22	03.04.2024	6:00 AM	0.15	1.420	0.012	12.374	1.0691
23	03.04.2024	7:00 AM	0.22	1.420	0.032	32.236	2.7852
24	03.04.2024	8:00 AM	0.24	1.420	0.040	40.070	3.4620
			Average		**0.024**	**24.462**	**2.113**

नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Kakahraghat Drain Meerapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.21	1.420	0.029	28.697	2.4794
2	03.04.2024	10:00 AM	0.27	1.420	0.054	53.790	4.6474
3	03.04.2024	11:00 AM	0.29	1.420	0.064	64.311	5.5564
4	03.04.2024	12:00 PM	0.23	1.420	0.036	36.025	3.1126
5	03.04.2024	1:00 PM	0.20	1.420	0.025	25.402	2.1947
6	03.04.2024	2:00 PM	0.15	1.420	0.012	12.374	1.0691
7	03.04.2024	3:00 PM	0.13	1.420	0.009	8.653	0.7476
8	03.04.2024	4:00 PM	0.17	1.420	0.017	16.920	1.4619
9	03.04.2024	5:00 PM	0.18	1.420	0.020	19.520	1.6865
10	03.04.2024	6:00 PM	0.19	1.420	0.022	22.345	1.9306
11	03.04.2024	7:00 PM	0.21	1.420	0.029	28.697	2.4794
12	03.04.2024	8:00 PM	0.25	1.420	0.044	44.375	3.8340
13	03.04.2024	9:00 PM	0.29	1.420	0.064	64.311	5.5564
14	03.04.2024	10:00 PM	0.24	1.420	0.040	40.070	3.4620
15	03.04.2024	11:00 PM	0.20	1.420	0.025	25.402	2.1947
16	03.04.2024	12:00 AM	0.15	1.420	0.012	12.374	1.0691
17	04.04.2024	1:00 AM	0.09	1.420	0.003	3.451	0.2981
18	04.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.0393
19	04.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	04.04.2024	4:00 AM	0.08	1.420	0.003	2.570	0.2221
21	04.04.2024	5:00 AM	0.10	1.420	0.004	4.490	0.3880
22	04.04.2024	6:00 AM	0.15	1.420	0.012	12.374	1.0691
23	04.04.2024	7:00 AM	0.21	1.420	0.029	28.697	2.4794
24	04.04.2024	8:00 AM	0.24	1.420	0.040	40.070	3.4620
			Average		0.025	24.808	2.143

नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Kakahraghat Drain Meerapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.22	1.420	0.032	32.236	2.7852
2	04.04.2024	10:00 AM	0.29	1.420	0.064	64.311	5.5564
3	04.04.2024	11:00 AM	0.24	1.420	0.040	40.070	3.4620
4	04.04.2024	12:00 PM	0.23	1.420	0.036	36.025	3.1126
5	04.04.2024	1:00 PM	0.19	1.420	0.022	22.345	1.9306
6	04.04.2024	2:00 PM	0.18	1.420	0.020	19.520	1.6865
7	04.04.2024	3:00 PM	0.13	1.420	0.009	8.653	0.7476
8	04.04.2024	4:00 PM	0.15	1.420	0.012	12.374	1.0691
9	04.04.2024	5:00 PM	0.20	1.420	0.025	25.402	2.1947
10	04.04.2024	6:00 PM	0.19	1.420	0.022	22.345	1.9306
11	04.04.2024	7:00 PM	0.23	1.420	0.036	36.025	3.1126
12	04.04.2024	8:00 PM	0.25	1.420	0.044	44.375	3.8340
13	04.04.2024	9:00 PM	0.28	1.420	0.059	58.909	5.0898
14	04.04.2024	10:00 PM	0.23	1.420	0.036	36.025	3.1126
15	04.04.2024	11:00 PM	0.20	1.420	0.025	25.402	2.1947
16	04.04.2024	12:00 AM	0.15	1.420	0.012	12.374	1.0691
17	05.04.2024	1:00 AM	0.09	1.420	0.003	3.451	0.2981
18	05.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	05.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	05.04.2024	4:00 AM	0.03	1.420	0.000	0.221	0.0191
21	05.04.2024	5:00 AM	0.10	1.420	0.004	4.490	0.3880
22	05.04.2024	6:00 AM	0.15	1.420	0.012	12.374	1.0691
23	05.04.2024	7:00 AM	0.22	1.420	0.032	32.236	2.7852
24	05.04.2024	8:00 AM	0.24	1.420	0.040	40.070	3.4620
			Average		0.025	24.604	2.126

नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Kakahraghat Drain Meerapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.25	1.420	0.044	44.375	3.8340
2	05.04.2024	10:00 AM	0.26	1.420	0.049	48.947	4.2290
3	05.04.2024	11:00 AM	0.24	1.420	0.040	40.070	3.4620
4	05.04.2024	12:00 PM	0.25	1.420	0.044	44.375	3.8340
5	05.04.2024	1:00 PM	0.19	1.420	0.022	22.345	1.9306
6	05.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.4619
7	05.04.2024	3:00 PM	0.13	1.420	0.009	8.653	0.7476
8	05.04.2024	4:00 PM	0.15	1.420	0.012	12.374	1.0691
9	05.04.2024	5:00 PM	0.18	1.420	0.020	19.520	1.6865
10	05.04.2024	6:00 PM	0.19	1.420	0.022	22.345	1.9306
11	05.04.2024	7:00 PM	0.23	1.420	0.036	36.025	3.1126
12	05.04.2024	8:00 PM	0.24	1.420	0.040	40.070	3.4620
13	05.04.2024	9:00 PM	0.26	1.420	0.049	48.947	4.2290
14	05.04.2024	10:00 PM	0.23	1.420	0.036	36.025	3.1126
15	05.04.2024	11:00 PM	0.21	1.420	0.029	28.697	2.4794
16	05.04.2024	12:00 AM	0.15	1.420	0.012	12.374	1.0691
17	06.04.2024	1:00 AM	0.09	1.420	0.003	3.451	0.2981
18	06.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.0393
19	06.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	06.04.2024	4:00 AM	0.08	1.420	0.003	2.570	0.2221
21	06.04.2024	5:00 AM	0.10	1.420	0.004	4.490	0.3880
22	06.04.2024	6:00 AM	0.15	1.420	0.012	12.374	1.0691
23	06.04.2024	7:00 AM	0.21	1.420	0.029	28.697	2.4794
24	06.04.2024	8:00 AM	0.23	1.420	0.036	36.025	3.1126
			Average		**0.024**	**23.756**	**2.052**



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Kakahraghat Drain Meerapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.23	1.420	0.036	36.025	3.1126
2	06.04.2024	10:00 AM	0.25	1.420	0.044	44.375	3.8340
3	06.04.2024	11:00 AM	0.26	1.420	0.049	48.947	4.2290
4	06.04.2024	12:00 PM	0.24	1.420	0.040	40.070	3.4620
5	06.04.2024	1:00 PM	0.20	1.420	0.025	25.402	2.1947
6	06.04.2024	2:00 PM	0.15	1.420	0.012	12.374	1.0691
7	06.04.2024	3:00 PM	0.17	1.420	0.017	16.920	1.4619
8	06.04.2024	4:00 PM	0.19	1.420	0.022	22.345	1.9306
9	06.04.2024	5:00 PM	0.18	1.420	0.020	19.520	1.6865
10	06.04.2024	6:00 PM	0.21	1.420	0.029	28.697	2.4794
11	06.04.2024	7:00 PM	0.24	1.420	0.040	40.070	3.4620
12	06.04.2024	8:00 PM	0.26	1.420	0.049	48.947	4.2290
13	06.04.2024	9:00 PM	0.29	1.420	0.064	64.311	5.5564
14	06.04.2024	10:00 PM	0.21	1.420	0.029	28.697	2.4794
15	06.04.2024	11:00 PM	0.20	1.420	0.025	25.402	2.1947
16	06.04.2024	12:00 AM	0.15	1.420	0.012	12.374	1.0691
17	07.04.2024	1:00 AM	0.09	1.420	0.003	3.451	0.2981
18	07.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	07.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	07.04.2024	4:00 AM	0.06	1.420	0.001	1.252	0.1082
21	07.04.2024	5:00 AM	0.10	1.420	0.004	4.490	0.3880
22	07.04.2024	6:00 AM	0.14	1.420	0.010	10.414	0.8998
23	07.04.2024	7:00 AM	0.20	1.420	0.025	25.402	2.1947
24	07.04.2024	8:00 AM	0.22	1.420	0.032	32.236	2.7852
			Average		**0.025**	**24.708**	**2.135**

नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Kakahraghat Drain Meerapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.21	1.420	0.029	28.697	2.4794
2	07.04.2024	10:00 AM	0.26	1.420	0.049	48.947	4.2290
3	07.04.2024	11:00 AM	0.26	1.420	0.049	48.947	4.2290
4	07.04.2024	12:00 PM	0.25	1.420	0.044	44.375	3.8340
5	07.04.2024	1:00 PM	0.19	1.420	0.022	22.345	1.9306
6	07.04.2024	2:00 PM	0.15	1.420	0.012	12.374	1.0691
7	07.04.2024	3:00 PM	0.13	1.420	0.009	8.653	0.7476
8	07.04.2024	4:00 PM	0.15	1.420	0.012	12.374	1.0691
9	07.04.2024	5:00 PM	0.18	1.420	0.020	19.520	1.6865
10	07.04.2024	6:00 PM	0.19	1.420	0.022	22.345	1.9306
11	07.04.2024	7:00 PM	0.20	1.420	0.025	25.402	2.1947
12	07.04.2024	8:00 PM	0.26	1.420	0.049	48.947	4.2290
13	07.04.2024	9:00 PM	0.28	1.420	0.059	58.909	5.0898
14	07.04.2024	10:00 PM	0.25	1.420	0.044	44.375	3.8340
15	07.04.2024	11:00 PM	0.20	1.420	0.025	25.402	2.1947
16	07.04.2024	12:00 AM	0.15	1.420	0.012	12.374	1.0691
17	08.04.2024	1:00 AM	0.09	1.420	0.003	3.451	0.2981
18	08.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	08.04.2024	4:00 AM	0.05	1.420	0.001	0.794	0.0686
21	08.04.2024	5:00 AM	0.10	1.420	0.004	4.490	0.3880
22	08.04.2024	6:00 AM	0.15	1.420	0.012	12.374	1.0691
23	08.04.2024	7:00 AM	0.25	1.420	0.044	44.375	3.8340
24	08.04.2024	8:00 AM	0.23	1.420	0.036	36.025	3.1126
			Average		0.024	24.448	2.112



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Kakahraghat Drain Meerapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.22	1.420	0.032	32.236	2.7852
2	08.04.2024	10:00 AM	0.25	1.420	0.044	44.375	3.8340
3	08.04.2024	11:00 AM	0.28	1.420	0.059	58.909	5.0898
4	08.04.2024	12:00 PM	0.25	1.420	0.044	44.375	3.8340
5	08.04.2024	1:00 PM	0.20	1.420	0.025	25.402	2.1947
6	08.04.2024	2:00 PM	0.15	1.420	0.012	12.374	1.0691
7	08.04.2024	3:00 PM	0.13	1.420	0.009	8.653	0.7476
8	08.04.2024	4:00 PM	0.19	1.420	0.022	22.345	1.9306
9	08.04.2024	5:00 PM	0.15	1.420	0.012	12.374	1.0691
10	08.04.2024	6:00 PM	0.17	1.420	0.017	16.920	1.4619
11	08.04.2024	7:00 PM	0.20	1.420	0.025	25.402	2.1947
12	08.04.2024	8:00 PM	0.26	1.420	0.049	48.947	4.2290
13	08.04.2024	9:00 PM	0.29	1.420	0.064	64.311	5.5564
14	08.04.2024	10:00 PM	0.21	1.420	0.029	28.697	2.4794
15	08.04.2024	11:00 PM	0.18	1.420	0.020	19.520	1.6865
16	08.04.2024	12:00 AM	0.15	1.420	0.012	12.374	1.0691
17	09.04.2024	1:00 AM	0.09	1.420	0.003	3.451	0.2981
18	09.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	09.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	09.04.2024	4:00 AM	0.07	1.420	0.002	1.841	0.1591
21	09.04.2024	5:00 AM	0.10	1.420	0.004	4.490	0.3880
22	09.04.2024	6:00 AM	0.15	1.420	0.012	12.374	1.0691
23	09.04.2024	7:00 AM	0.22	1.420	0.032	32.236	2.7852
24	09.04.2024	8:00 AM	0.27	1.420	0.054	53.790	4.6474
			Average		**0.024**	**24.444**	**2.112**



Discharge Measurement Through V-Notch Weir Method				
Drain Name		**Dariyabad Pipalghat Drain**		
Drain No.		**1**		
Formula		**$Q= 1.42\ H^{2.5}$**		
g= 9.806 m/Sec2				**θ= 90°**
Sr. No.	**Day**		Discharge Q	
		In m3/s	**In LPS**	**In MLD**
1	Day 1	0.002	1.562	0.135
2	Day 2	0.001	1.316	0.114
3	Day 3	0.001	1.437	0.124
4	Day 4	0.001	1.335	0.115
5	Day 5	0.001	1.429	0.123
6	Day 6	0.001	1.238	0.107
7	Day 7	0.001	1.378	0.119
AVERAGE		**0.001**	**1.385**	**0.120**

पर्यावरण अधिकारी
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Pipalghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.10	1.420	0.004	4.490	0.3880
2	02.04.2024	10:00 AM	0.09	1.420	0.003	3.451	0.2981
3	02.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	02.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	02.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.1082
6	02.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	02.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	02.04.2024	4:00 PM	0.02	1.420	0.000	0.080	0.0069
9	02.04.2024	5:00 PM	0.03	1.420	0.000	0.221	0.0191
10	02.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	02.04.2024	7:00 PM	0.09	1.420	0.003	3.451	0.2981
12	02.04.2024	8:00 PM	0.10	1.420	0.004	4.490	0.3880
13	02.04.2024	9:00 PM	0.09	1.420	0.003	3.451	0.2981
14	02.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	02.04.2024	11:00 PM	0.04	1.420	0.000	0.454	0.0393
16	02.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	03.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	03.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	03.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	03.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	03.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	03.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	03.04.2024	7:00 AM	0.07	1.420	0.002	1.841	0.1591
24	03.04.2024	8:00 AM	0.08	1.420	0.003	2.570	0.2221
			Average		0.002	1.562	0.135

पर्यवेक्षण अभियन्ता
जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Pipalghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.09	1.420	0.003	3.451	0.2981
2	03.04.2024	10:00 AM	0.08	1.420	0.003	2.570	0.2221
3	03.04.2024	11:00 AM	0.07	1.420	0.002	1.841	0.1591
4	03.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	03.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.1082
6	03.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	03.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	03.04.2024	4:00 PM	0.02	1.420	0.000	0.080	0.0069
9	03.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.0393
10	03.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	03.04.2024	7:00 PM	0.09	1.420	0.003	3.451	0.2981
12	03.04.2024	8:00 PM	0.08	1.420	0.003	2.570	0.2221
13	03.04.2024	9:00 PM	0.09	1.420	0.003	3.451	0.2981
14	03.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	03.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.0686
16	03.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	04.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	04.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	04.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	04.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	04.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	04.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	04.04.2024	7:00 AM	0.07	1.420	0.002	1.841	0.1591
24	04.04.2024	8:00 AM	0.08	1.420	0.003	2.570	0.2221
			Average		0.001	1.316	0.114

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Pipalghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.09	1.420	0.003	3.451	0.2981
2	04.04.2024	10:00 AM	0.10	1.420	0.004	4.490	0.3880
3	04.04.2024	11:00 AM	0.07	1.420	0.002	1.841	0.1591
4	04.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.2221
5	04.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.1591
6	04.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	04.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	04.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	04.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.0393
10	04.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	04.04.2024	7:00 PM	0.09	1.420	0.003	3.451	0.2981
12	04.04.2024	8:00 PM	0.10	1.420	0.004	4.490	0.3880
13	04.04.2024	9:00 PM	0.08	1.420	0.003	2.570	0.2221
14	04.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	04.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.0686
16	04.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	05.04.2024	1:00 AM	0.01	1.420	0.000	0.014	0.0012
18	05.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	05.04.2024	3:00 AM	0.00	1.420	0.000	0.000	0.0000
20	05.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	05.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	05.04.2024	6:00 AM	0.03	1.420	0.000	0.221	0.0191
23	05.04.2024	7:00 AM	0.05	1.420	0.001	0.794	0.0686
24	05.04.2024	8:00 AM	0.07	1.420	0.002	1.841	0.1591
			Average		0.001	1.437	0.124

परियोजना अधिकारी
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Pipalghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.08	1.420	0.003	2.570	0.2221
2	05.04.2024	10:00 AM	0.09	1.420	0.003	3.451	0.2981
3	05.04.2024	11:00 AM	0.07	1.420	0.002	1.841	0.1591
4	05.04.2024	12:00 PM	0.06	1.420	0.001	1.252	0.1082
5	05.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.1082
6	05.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	05.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	05.04.2024	4:00 PM	0.02	1.420	0.000	0.080	0.0069
9	05.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.0393
10	05.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	05.04.2024	7:00 PM	0.09	1.420	0.003	3.451	0.2981
12	05.04.2024	8:00 PM	0.10	1.420	0.004	4.490	0.3880
13	05.04.2024	9:00 PM	0.08	1.420	0.003	2.570	0.2221
14	05.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	05.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.0686
16	05.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	06.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	06.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	06.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	06.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	06.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	06.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	06.04.2024	7:00 AM	0.07	1.420	0.002	1.841	0.1591
24	06.04.2024	8:00 AM	0.08	1.420	0.003	2.570	0.2221
			Average		0.001	1.335	0.115

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

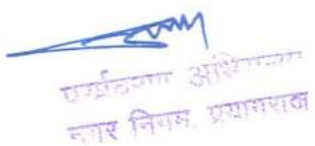
Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Pipalghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.10	1.420	0.004	4.490	0.3880
2	06.04.2024	10:00 AM	0.09	1.420	0.003	3.451	0.2981
3	06.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	06.04.2024	12:00 PM	0.06	1.420	0.001	1.252	0.1082
5	06.04.2024	1:00 PM	0.05	1.420	0.001	0.794	0.0686
6	06.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	06.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	06.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	06.04.2024	5:00 PM	0.03	1.420	0.000	0.221	0.0191
10	06.04.2024	6:00 PM	0.04	1.420	0.000	0.454	0.0393
11	06.04.2024	7:00 PM	0.08	1.420	0.003	2.570	0.2221
12	06.04.2024	8:00 PM	0.09	1.420	0.003	3.451	0.2981
13	06.04.2024	9:00 PM	0.08	1.420	0.003	2.570	0.2221
14	06.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	06.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.0686
16	06.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	07.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	07.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	07.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	07.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	07.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	07.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	07.04.2024	7:00 AM	0.07	1.420	0.002	1.841	0.1591
24	07.04.2024	8:00 AM	0.08	1.420	0.003	2.570	0.2221
			Average		0.001	1.429	0.123



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Pipalghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.10	1.420	0.004	4.490	0.3880
2	07.04.2024	10:00 AM	0.09	1.420	0.003	3.451	0.2981
3	07.04.2024	11:00 AM	0.08	1.420	0.003	2.570	0.2221
4	07.04.2024	12:00 PM	0.05	1.420	0.001	0.794	0.0686
5	07.04.2024	1:00 PM	0.04	1.420	0.000	0.454	0.0393
6	07.04.2024	2:00 PM	0.05	1.420	0.001	0.794	0.0686
7	07.04.2024	3:00 PM	0.03	1.420	0.000	0.221	0.0191
8	07.04.2024	4:00 PM	0.02	1.420	0.000	0.080	0.0069
9	07.04.2024	5:00 PM	0.03	1.420	0.000	0.221	0.0191
10	07.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	07.04.2024	7:00 PM	0.08	1.420	0.003	2.570	0.2221
12	07.04.2024	8:00 PM	0.07	1.420	0.002	1.841	0.1591
13	07.04.2024	9:00 PM	0.09	1.420	0.003	3.451	0.2981
14	07.04.2024	10:00 PM	0.06	1.420	0.001	1.252	0.1082
15	07.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.0686
16	07.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	08.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	08.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	08.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	08.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	08.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	08.04.2024	7:00 AM	0.07	1.420	0.002	1.841	0.1591
24	08.04.2024	8:00 AM	0.08	1.420	0.003	2.570	0.2221
			Average		0.001	1.238	0.107



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Pipalghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.09	1.420	0.003	3.451	0.2981
2	08.04.2024	10:00 AM	0.08	1.420	0.003	2.570	0.2221
3	08.04.2024	11:00 AM	0.09	1.420	0.003	3.451	0.2981
4	08.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	08.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.1082
6	08.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	08.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	08.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	08.04.2024	5:00 PM	0.03	1.420	0.000	0.221	0.0191
10	08.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	08.04.2024	7:00 PM	0.09	1.420	0.003	3.451	0.2981
12	08.04.2024	8:00 PM	0.10	1.420	0.004	4.490	0.3880
13	08.04.2024	9:00 PM	0.07	1.420	0.002	1.841	0.1591
14	08.04.2024	10:00 PM	0.08	1.420	0.003	2.570	0.2221
15	08.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.0686
16	08.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	09.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	09.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	09.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	09.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	09.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	09.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	09.04.2024	7:00 AM	0.06	1.420	0.001	1.252	0.1082
24	09.04.2024	8:00 AM	0.07	1.420	0.002	1.841	0.1591
			Average		**0.001**	**1.378**	**0.119**



Average Discharge of 7 Days Flow Measurement				
Drain Name		Salori Drain (Partialy)		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.103	102.600	8.865
2	Day 2	0.103	103.108	8.909
3	Day 3	0.105	105.140	9.084
4	Day 4	0.100	99.553	8.601
5	Day 5	0.101	100.569	8.689
6	Day 6	0.107	106.664	9.216
7	Day 7	0.094	93.966	8.119
AVERAGE		**0.102**	**101.657**	**8.783**

पर्यवेक्षण
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Salori Drain (Partialy)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.40	1.42	0.144	143.912	12.434
2	2/4/2024	9:00AM	0.42	1.42	0.165	164.567	14.219
3	2/4/2024	10:00AM	0.40	1.42	0.144	143.912	12.434
4	2/4/2024	11:00AM	0.38	1.42	0.123	123.256	10.649
5	2/4/2024	12:00	0.35	1.42	0.103	102.600	8.865
6	2/4/2024	1:00PM	0.32	1.42	0.082	81.945	7.080
7	2/4/2024	2:00PM	0.28	1.42	0.061	61.289	5.295
8	2/4/2024	3:00PM	0.24	1.42	0.041	40.634	3.511
9	2/4/2024	4:00PM	0.28	1.42	0.061	61.289	5.295
10	2/4/2024	5:00PM	0.32	1.42	0.082	81.945	7.080
11	2/4/2024	6:00PM	0.35	1.42	0.103	102.600	8.865
12	2/4/2024	7:00PM	0.38	1.42	0.123	123.256	10.649
13	2/4/2024	8:00PM	0.40	1.42	0.144	143.912	12.434
14	2/4/2024	9:00PM	0.42	1.42	0.165	164.567	14.219
15	2/4/2024	10:00PM	0.40	1.42	0.144	143.912	12.434
16	2/4/2024	11:00PM	0.38	1.42	0.123	123.256	10.649
17	2/4/2024	12:00AM	0.35	1.42	0.103	102.600	8.865
18	3/4/2024	1:00AM	0.32	1.42	0.082	81.945	7.080
19	3/4/2024	2:00AM	0.28	1.42	0.061	61.289	5.295
20	3/4/2024	3:00AM	0.24	1.42	0.041	40.634	3.511
21	3/4/2024	4:00AM	0.28	1.42	0.061	61.289	5.295
22	3/4/2024	5:00AM	0.32	1.42	0.082	81.945	7.080
23	3/4/2024	6:00AM	0.35	1.42	0.103	102.600	8.865
24	3/4/2024	7:00AM	0.38	1.42	0.123	123.256	10.649
AVERAGE					0.103	102.600	8.865

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Salori Drain (Partialy)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.40	1.42	0.143	143.404	12.390
2	3/4/2024	9:00AM	0.42	1.42	0.164	163.551	14.131
3	3/4/2024	10:00AM	0.40	1.42	0.143	143.404	12.390
4	3/4/2024	11:00AM	0.38	1.42	0.123	123.256	10.649
5	3/4/2024	12:00	0.35	1.42	0.103	103.108	8.909
6	3/4/2024	1:00PM	0.32	1.42	0.083	82.961	7.168
7	3/4/2024	2:00PM	0.29	1.42	0.063	62.813	5.427
8	3/4/2024	3:00PM	0.25	1.42	0.043	42.666	3.686
9	3/4/2024	4:00PM	0.29	1.42	0.063	62.813	5.427
10	3/4/2024	5:00PM	0.32	1.42	0.083	82.961	7.168
11	3/4/2024	6:00PM	0.35	1.42	0.103	103.108	8.909
12	3/4/2024	7:00PM	0.38	1.42	0.123	123.256	10.649
13	3/4/2024	8:00PM	0.40	1.42	0.143	143.404	12.390
14	3/4/2024	9:00PM	0.42	1.42	0.164	163.551	14.131
15	3/4/2024	10:00PM	0.40	1.42	0.143	143.404	12.390
16	3/4/2024	11:00PM	0.38	1.42	0.123	123.256	10.649
17	3/4/2024	12:00AM	0.35	1.42	0.103	103.108	8.909
18	4/4/2024	1:00AM	0.32	1.42	0.083	82.961	7.168
19	4/4/2024	2:00AM	0.29	1.42	0.063	62.813	5.427
20	4/4/2024	3:00AM	0.25	1.42	0.043	42.666	3.686
21	4/4/2024	4:00AM	0.29	1.42	0.063	62.813	5.427
22	4/4/2024	5:00AM	0.32	1.42	0.083	82.961	7.168
23	4/4/2024	6:00AM	0.35	1.42	0.103	103.108	8.909
24	4/4/2024	7:00AM	0.38	1.42	0.123	123.256	10.649
AVERAGE					0.103	103.108	8.909

पर्यवेक्षण अधि
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Salori Drain (Partialy)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.41	1.42	0.149	148.821	12.858
2	4/4/2024	9:00AM	0.43	1.42	0.171	170.662	14.745
3	4/4/2024	10:00AM	0.41	1.42	0.149	148.821	12.858
4	4/4/2024	11:00AM	0.38	1.42	0.127	126.981	10.971
5	4/4/2024	12:00	0.35	1.42	0.105	105.140	9.084
6	4/4/2024	1:00PM	0.32	1.42	0.083	83.299	7.197
7	4/4/2024	2:00PM	0.28	1.42	0.061	61.459	5.310
8	4/4/2024	3:00PM	0.24	1.42	0.040	39.618	3.423
9	4/4/2024	4:00PM	0.28	1.42	0.061	61.459	5.310
10	4/4/2024	5:00PM	0.32	1.42	0.083	83.299	7.197
11	4/4/2024	6:00PM	0.35	1.42	0.105	105.140	9.084
12	4/4/2024	7:00PM	0.38	1.42	0.127	126.981	10.971
13	4/4/2024	8:00PM	0.41	1.42	0.149	148.821	12.858
14	4/4/2024	9:00PM	0.43	1.42	0.171	170.662	14.745
15	4/4/2024	10:00PM	0.41	1.42	0.149	148.821	12.858
16	4/4/2024	11:00PM	0.38	1.42	0.127	126.981	10.971
17	4/4/2024	12:00AM	0.35	1.42	0.105	105.140	9.084
18	5/4/2024	1:00AM	0.32	1.42	0.083	83.299	7.197
19	5/4/2024	2:00AM	0.28	1.42	0.061	61.459	5.310
20	5/4/2024	3:00AM	0.24	1.42	0.040	39.618	3.423
21	5/4/2024	4:00AM	0.28	1.42	0.061	61.459	5.310
22	5/4/2024	5:00AM	0.32	1.42	0.083	83.299	7.197
23	5/4/2024	6:00AM	0.35	1.42	0.105	105.140	9.084
24	5/4/2024	7:00AM	0.38	1.42	0.127	126.981	10.971
AVERAGE					0.105	105.140	9.084

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Salori Drain (Partialy)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.39	1.42	0.139	138.832	11.995
2	5/4/2024	9:00AM	0.42	1.42	0.158	158.472	13.692
3	5/4/2024	10:00AM	0.39	1.42	0.139	138.832	11.995
4	5/4/2024	11:00AM	0.37	1.42	0.119	119.193	10.298
5	5/4/2024	12:00	0.35	1.42	0.100	99.553	8.601
6	5/4/2024	1:00PM	0.32	1.42	0.080	79.913	6.905
7	5/4/2024	2:00PM	0.28	1.42	0.060	60.274	5.208
8	5/4/2024	3:00PM	0.24	1.42	0.041	40.634	3.511
9	5/4/2024	4:00PM	0.28	1.42	0.060	60.274	5.208
10	5/4/2024	5:00PM	0.32	1.42	0.080	79.913	6.905
11	5/4/2024	6:00PM	0.35	1.42	0.100	99.553	8.601
12	5/4/2024	7:00PM	0.37	1.42	0.119	119.193	10.298
13	5/4/2024	8:00PM	0.39	1.42	0.139	138.832	11.995
14	5/4/2024	9:00PM	0.42	1.42	0.158	158.472	13.692
15	5/4/2024	10:00PM	0.39	1.42	0.139	138.832	11.995
16	5/4/2024	11:00PM	0.37	1.42	0.119	119.193	10.298
17	5/4/2024	12:00AM	0.35	1.42	0.100	99.553	8.601
18	6/4/2024	1:00AM	0.32	1.42	0.080	79.913	6.905
19	6/4/2024	2:00AM	0.28	1.42	0.060	60.274	5.208
20	6/4/2024	3:00AM	0.24	1.42	0.041	40.634	3.511
21	6/4/2024	4:00AM	0.28	1.42	0.060	60.274	5.208
22	6/4/2024	5:00AM	0.32	1.42	0.080	79.913	6.905
23	6/4/2024	6:00AM	0.35	1.42	0.100	99.553	8.601
24	6/4/2024	7:00AM	0.37	1.42	0.119	119.193	10.298
AVERAGE					0.100	99.553	8.601

पर्यावरण अभियन्ता
जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Salori Drain (Partialy)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.40	1.42	0.142	141.880	12.258
2	6/4/2024	9:00AM	0.42	1.42	0.163	162.535	14.043
3	6/4/2024	10:00AM	0.40	1.42	0.142	141.880	12.258
4	6/4/2024	11:00AM	0.37	1.42	0.121	121.224	10.474
5	6/4/2024	12:00	0.35	1.42	0.101	100.569	8.689
6	6/4/2024	1:00PM	0.32	1.42	0.080	79.913	6.905
7	6/4/2024	2:00PM	0.28	1.42	0.059	59.258	5.120
8	6/4/2024	3:00PM	0.24	1.42	0.039	38.602	3.335
9	6/4/2024	4:00PM	0.28	1.42	0.059	59.258	5.120
10	6/4/2024	5:00PM	0.32	1.42	0.080	79.913	6.905
11	6/4/2024	6:00PM	0.35	1.42	0.101	100.569	8.689
12	6/4/2024	7:00PM	0.37	1.42	0.121	121.224	10.474
13	6/4/2024	8:00PM	0.40	1.42	0.142	141.880	12.258
14	6/4/2024	9:00PM	0.42	1.42	0.163	162.535	14.043
15	6/4/2024	10:00PM	0.40	1.42	0.142	141.880	12.258
16	6/4/2024	11:00PM	0.37	1.42	0.121	121.224	10.474
17	6/4/2024	12:00AM	0.35	1.42	0.101	100.569	8.689
18	7/4/2024	1:00AM	0.32	1.42	0.080	79.913	6.905
19	7/4/2024	2:00AM	0.28	1.42	0.059	59.258	5.120
20	7/4/2024	3:00AM	0.24	1.42	0.039	38.602	3.335
21	7/4/2024	4:00AM	0.28	1.42	0.059	59.258	5.120
22	7/4/2024	5:00AM	0.32	1.42	0.080	79.913	6.905
23	7/4/2024	6:00AM	0.35	1.42	0.101	100.569	8.689
24	7/4/2024	7:00AM	0.37	1.42	0.121	121.224	10.474
AVERAGE					0.101	100.569	8.689



जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Salori Drain (Partialy)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.39	1.42	0.138	138.494	11.966
2	7/4/2024	9:00AM	0.41	1.42	0.154	154.409	13.341
3	7/4/2024	10:00AM	0.39	1.42	0.138	138.494	11.966
4	7/4/2024	11:00AM	0.38	1.42	0.123	122.579	10.591
5	7/4/2024	12:00	0.36	1.42	0.107	106.664	9.216
6	7/4/2024	1:00PM	0.33	1.42	0.091	90.749	7.841
7	7/4/2024	2:00PM	0.31	1.42	0.075	74.834	6.466
8	7/4/2024	3:00PM	0.28	1.42	0.059	58.919	5.091
9	7/4/2024	4:00PM	0.31	1.42	0.075	74.834	6.466
10	7/4/2024	5:00PM	0.33	1.42	0.091	90.749	7.841
11	7/4/2024	6:00PM	0.36	1.42	0.107	106.664	9.216
12	7/4/2024	7:00PM	0.38	1.42	0.123	122.579	10.591
13	7/4/2024	8:00PM	0.39	1.42	0.138	138.494	11.966
14	7/4/2024	9:00PM	0.41	1.42	0.154	154.409	13.341
15	7/4/2024	10:00PM	0.39	1.42	0.138	138.494	11.966
16	7/4/2024	11:00PM	0.38	1.42	0.123	122.579	10.591
17	7/4/2024	12:00AM	0.36	1.42	0.107	106.664	9.216
18	8/4/2024	1:00AM	0.33	1.42	0.091	90.749	7.841
19	8/4/2024	2:00AM	0.31	1.42	0.075	74.834	6.466
20	8/4/2024	3:00AM	0.28	1.42	0.059	58.919	5.091
21	8/4/2024	4:00AM	0.31	1.42	0.075	74.834	6.466
22	8/4/2024	5:00AM	0.33	1.42	0.091	90.749	7.841
23	8/4/2024	6:00AM	0.36	1.42	0.107	106.664	9.216
24	8/4/2024	7:00AM	0.38	1.42	0.123	122.579	10.591
AVERAGE					0.107	106.664	9.216

अधिशासी अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Salori Drain (Partialy)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.39	1.42	0.133	132.907	11.483
2	8/4/2024	9:00AM	0.41	1.42	0.152	152.377	13.165
3	8/4/2024	10:00AM	0.39	1.42	0.133	132.907	11.483
4	8/4/2024	11:00AM	0.36	1.42	0.113	113.436	9.801
5	8/4/2024	12:00	0.34	1.42	0.094	93.966	8.119
6	8/4/2024	1:00PM	0.31	1.42	0.074	74.495	6.436
7	8/4/2024	2:00PM	0.27	1.42	0.055	55.025	4.754
8	8/4/2024	3:00PM	0.23	1.42	0.036	35.555	3.072
9	8/4/2024	4:00PM	0.27	1.42	0.055	55.025	4.754
10	8/4/2024	5:00PM	0.31	1.42	0.074	74.495	6.436
11	8/4/2024	6:00PM	0.34	1.42	0.094	93.966	8.119
12	8/4/2024	7:00PM	0.36	1.42	0.113	113.436	9.801
13	8/4/2024	8:00PM	0.39	1.42	0.133	132.907	11.483
14	8/4/2024	9:00PM	0.41	1.42	0.152	152.377	13.165
15	8/4/2024	10:00PM	0.39	1.42	0.133	132.907	11.483
16	8/4/2024	11:00PM	0.36	1.42	0.113	113.436	9.801
17	8/4/2024	12:00AM	0.34	1.42	0.094	93.966	8.119
18	9/4/2024	1:00AM	0.31	1.42	0.074	74.495	6.436
19	9/4/2024	2:00AM	0.27	1.42	0.055	55.025	4.754
20	9/4/2024	3:00AM	0.23	1.42	0.036	35.555	3.072
21	9/4/2024	4:00AM	0.27	1.42	0.055	55.025	4.754
22	9/4/2024	5:00AM	0.31	1.42	0.074	74.495	6.436
23	9/4/2024	6:00AM	0.34	1.42	0.094	93.966	8.119
24	9/4/2024	7:00AM	0.36	1.42	0.113	113.436	9.801
AVERAGE					0.094	93.966	8.119

अधिशासी अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Shivkuti Drain No-1		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.014	14.044	1.213
2	Day 2	0.014	13.791	1.192
3	Day 3	0.014	13.946	1.205
4	Day 4	0.014	13.832	1.195
5	Day 5	0.014	13.816	1.194
6	Day 6	0.014	13.764	1.189
7	Day 7	0.013	13.392	1.157
AVERAGE		0.014	13.798	1.192

नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.19	1.420	0.022	22.345	1.9306
2	02.04.2024	10:00 AM	0.22	1.420	0.032	32.236	2.7852
3	02.04.2024	11:00 AM	0.21	1.420	0.029	28.697	2.4794
4	02.04.2024	12:00 PM	0.18	1.420	0.020	19.520	1.6865
5	02.04.2024	1:00 PM	0.17	1.420	0.017	16.920	1.4619
6	02.04.2024	2:00 PM	0.14	1.420	0.010	10.414	0.8998
7	02.04.2024	3:00 PM	0.13	1.420	0.009	8.653	0.7476
8	02.04.2024	4:00 PM	0.14	1.420	0.010	10.414	0.8998
9	02.04.2024	5:00 PM	0.16	1.420	0.015	14.541	1.2563
10	02.04.2024	6:00 PM	0.17	1.420	0.017	16.920	1.4619
11	02.04.2024	7:00 PM	0.18	1.420	0.020	19.520	1.6865
12	02.04.2024	8:00 PM	0.21	1.420	0.029	28.697	2.4794
13	02.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.1947
14	02.04.2024	10:00 PM	0.18	1.420	0.020	19.520	1.6865
15	02.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.7476
16	02.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.3880
17	03.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.2221
18	03.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.0393
19	03.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.0069
20	03.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	03.04.2024	5:00 AM	0.09	1.420	0.003	3.451	0.2981
22	03.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.4924
23	03.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.0691
24	03.04.2024	8:00 AM	0.20	1.420	0.025	25.402	2.1947
			Average		**0.014**	**14.044**	**1.213**

पर्यवेक्षण अभियन्ता
जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.20	1.420	0.025	25.402	2.1947
2	03.04.2024	10:00 AM	0.19	1.420	0.022	22.345	1.9306
3	03.04.2024	11:00 AM	0.20	1.420	0.025	25.402	2.1947
4	03.04.2024	12:00 PM	0.17	1.420	0.017	16.920	1.4619
5	03.04.2024	1:00 PM	0.16	1.420	0.015	14.541	1.2563
6	03.04.2024	2:00 PM	0.14	1.420	0.010	10.414	0.8998
7	03.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.0691
8	03.04.2024	4:00 PM	0.14	1.420	0.010	10.414	0.8998
9	03.04.2024	5:00 PM	0.16	1.420	0.015	14.541	1.2563
10	03.04.2024	6:00 PM	0.17	1.420	0.017	16.920	1.4619
11	03.04.2024	7:00 PM	0.18	1.420	0.020	19.520	1.6865
12	03.04.2024	8:00 PM	0.20	1.420	0.025	25.402	2.1947
13	03.04.2024	9:00 PM	0.21	1.420	0.029	28.697	2.4794
14	03.04.2024	10:00 PM	0.19	1.420	0.022	22.345	1.9306
15	03.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.7476
16	03.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.3880
17	04.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.2221
18	04.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.0393
19	04.04.2024	3:00 AM	0.03	1.420	0.000	0.221	0.0191
20	04.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	04.04.2024	5:00 AM	0.10	1.420	0.004	4.490	0.3880
22	04.04.2024	6:00 AM	0.12	1.420	0.007	7.083	0.6120
23	04.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.0691
24	04.04.2024	8:00 AM	0.20	1.420	0.025	25.402	2.1947
			Average		**0.014**	**13.791**	**1.192**

पर्यटन अधि...
जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.19	1.420	0.022	22.345	1.9306
2	04.04.2024	10:00 AM	0.21	1.420	0.029	28.697	2.4794
3	04.04.2024	11:00 AM	0.20	1.420	0.025	25.402	2.1947
4	04.04.2024	12:00 PM	0.18	1.420	0.020	19.520	1.6865
5	04.04.2024	1:00 PM	0.16	1.420	0.015	14.541	1.2563
6	04.04.2024	2:00 PM	0.14	1.420	0.010	10.414	0.8998
7	04.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.0691
8	04.04.2024	4:00 PM	0.15	1.420	0.012	12.374	1.0691
9	04.04.2024	5:00 PM	0.16	1.420	0.015	14.541	1.2563
10	04.04.2024	6:00 PM	0.17	1.420	0.017	16.920	1.4619
11	04.04.2024	7:00 PM	0.19	1.420	0.022	22.345	1.9306
12	04.04.2024	8:00 PM	0.21	1.420	0.029	28.697	2.4794
13	04.04.2024	9:00 PM	0.22	1.420	0.032	32.236	2.7852
14	04.04.2024	10:00 PM	0.18	1.420	0.020	19.520	1.6865
15	04.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.7476
16	04.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.3880
17	05.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.2221
18	05.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.0393
19	05.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.0069
20	05.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	05.04.2024	5:00 AM	0.09	1.420	0.003	3.451	0.2981
22	05.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.4924
23	05.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.0691
24	05.04.2024	8:00 AM	0.17	1.420	0.017	16.920	1.4619
			Average		**0.014**	**13.946**	**1.205**

पर्यटन अधिशासी
जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.18	1.420	0.020	19.520	1.6865
2	05.04.2024	10:00 AM	0.21	1.420	0.029	28.697	2.4794
3	05.04.2024	11:00 AM	0.20	1.420	0.025	25.402	2.1947
4	05.04.2024	12:00 PM	0.18	1.420	0.020	19.520	1.6865
5	05.04.2024	1:00 PM	0.17	1.420	0.017	16.920	1.4619
6	05.04.2024	2:00 PM	0.14	1.420	0.010	10.414	0.8998
7	05.04.2024	3:00 PM	0.13	1.420	0.009	8.653	0.7476
8	05.04.2024	4:00 PM	0.14	1.420	0.010	10.414	0.8998
9	05.04.2024	5:00 PM	0.16	1.420	0.015	14.541	1.2563
10	05.04.2024	6:00 PM	0.17	1.420	0.017	16.920	1.4619
11	05.04.2024	7:00 PM	0.19	1.420	0.022	22.345	1.9306
12	05.04.2024	8:00 PM	0.21	1.420	0.029	28.697	2.4794
13	05.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.1947
14	05.04.2024	10:00 PM	0.18	1.420	0.020	19.520	1.6865
15	05.04.2024	11:00 PM	0.14	1.420	0.010	10.414	0.8998
16	05.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.3880
17	06.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.2221
18	06.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.0393
19	06.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.0069
20	06.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	06.04.2024	5:00 AM	0.09	1.420	0.003	3.451	0.2981
22	06.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.4924
23	06.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.0691
24	06.04.2024	8:00 AM	0.20	1.420	0.025	25.402	2.1947
			Average		**0.014**	**13.832**	**1.195**

पर्यावरण अभियन्ता
प्रयाग नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.19	1.420	0.022	22.345	1.9306
2	06.04.2024	10:00 AM	0.23	1.420	0.036	36.025	3.1126
3	06.04.2024	11:00 AM	0.20	1.420	0.025	25.402	2.1947
4	06.04.2024	12:00 PM	0.17	1.420	0.017	16.920	1.4619
5	06.04.2024	1:00 PM	0.17	1.420	0.017	16.920	1.4619
6	06.04.2024	2:00 PM	0.14	1.420	0.010	10.414	0.8998
7	06.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.0691
8	06.04.2024	4:00 PM	0.14	1.420	0.010	10.414	0.8998
9	06.04.2024	5:00 PM	0.16	1.420	0.015	14.541	1.2563
10	06.04.2024	6:00 PM	0.17	1.420	0.017	16.920	1.4619
11	06.04.2024	7:00 PM	0.19	1.420	0.022	22.345	1.9306
12	06.04.2024	8:00 PM	0.20	1.420	0.025	25.402	2.1947
13	06.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.1947
14	06.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.4619
15	06.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.7476
16	06.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.3880
17	07.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.2221
18	07.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.0393
19	07.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.0069
20	07.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	07.04.2024	5:00 AM	0.08	1.420	0.003	2.570	0.2221
22	07.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.4924
23	07.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.0691
24	07.04.2024	8:00 AM	0.19	1.420	0.022	22.345	1.9306
			Average		0.014	13.816	1.194



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.18	1.420	0.020	19.520	1.6865
2	07.04.2024	10:00 AM	0.23	1.420	0.036	36.025	3.1126
3	07.04.2024	11:00 AM	0.20	1.420	0.025	25.402	2.1947
4	07.04.2024	12:00 PM	0.18	1.420	0.020	19.520	1.6865
5	07.04.2024	1:00 PM	0.17	1.420	0.017	16.920	1.4619
6	07.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.4619
7	07.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.0691
8	07.04.2024	4:00 PM	0.14	1.420	0.010	10.414	0.8998
9	07.04.2024	5:00 PM	0.16	1.420	0.015	14.541	1.2563
10	07.04.2024	6:00 PM	0.19	1.420	0.022	22.345	1.9306
11	07.04.2024	7:00 PM	0.18	1.420	0.020	19.520	1.6865
12	07.04.2024	8:00 PM	0.20	1.420	0.025	25.402	2.1947
13	07.04.2024	9:00 PM	0.19	1.420	0.022	22.345	1.9306
14	07.04.2024	10:00 PM	0.18	1.420	0.020	19.520	1.6865
15	07.04.2024	11:00 PM	0.12	1.420	0.007	7.083	0.6120
16	07.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.3880
17	08.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.2221
18	08.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.0393
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	08.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	08.04.2024	5:00 AM	0.07	1.420	0.002	1.841	0.1591
22	08.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.4924
23	08.04.2024	7:00 AM	0.14	1.420	0.010	10.414	0.8998
24	08.04.2024	8:00 AM	0.17	1.420	0.017	16.920	1.4619
			Average		**0.014**	**13.764**	**1.189**



कार्यपालन अभियन्ता
जल निकास प्रकोष्ठ

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.20	1.420	0.025	25.402	2.1947
2	08.04.2024	10:00 AM	0.21	1.420	0.029	28.697	2.4794
3	08.04.2024	11:00 AM	0.19	1.420	0.022	22.345	1.9306
4	08.04.2024	12:00 PM	0.18	1.420	0.020	19.520	1.6865
5	08.04.2024	1:00 PM	0.17	1.420	0.017	16.920	1.4619
6	08.04.2024	2:00 PM	0.14	1.420	0.010	10.414	0.8998
7	08.04.2024	3:00 PM	0.13	1.420	0.009	8.653	0.7476
8	08.04.2024	4:00 PM	0.14	1.420	0.010	10.414	0.8998
9	08.04.2024	5:00 PM	0.15	1.420	0.012	12.374	1.0691
10	08.04.2024	6:00 PM	0.16	1.420	0.015	14.541	1.2563
11	08.04.2024	7:00 PM	0.19	1.420	0.022	22.345	1.9306
12	08.04.2024	8:00 PM	0.20	1.420	0.025	25.402	2.1947
13	08.04.2024	9:00 PM	0.19	1.420	0.022	22.345	1.9306
14	08.04.2024	10:00 PM	0.18	1.420	0.020	19.520	1.6865
15	08.04.2024	11:00 PM	0.12	1.420	0.007	7.083	0.6120
16	08.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.3880
17	09.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.2221
18	09.04.2024	2:00 AM	0.05	1.420	0.001	0.794	0.0686
19	09.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.0069
20	09.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	09.04.2024	5:00 AM	0.09	1.420	0.003	3.451	0.2981
22	09.04.2024	6:00 AM	0.12	1.420	0.007	7.083	0.6120
23	09.04.2024	7:00 AM	0.16	1.420	0.015	14.541	1.2563
24	09.04.2024	8:00 AM	0.19	1.420	0.022	22.345	1.9306
			Average		0.013	13.392	1.157



Discharge Measurement Through V-Notch Weir Method				
Drain Name		Shivkuti drain - 2		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.002	1.939	0.168
2	Day 2	0.002	1.824	0.158
3	Day 3	0.002	1.966	0.170
4	Day 4	0.002	1.852	0.160
5	Day 5	0.002	1.890	0.163
6	Day 6	0.002	1.814	0.157
7	Day 7	0.002	1.864	0.161
AVERAGE		0.002	1.878	0.162

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	02.04.2024	10:00 AM	0.11	1.420	0.006	5.699	0.4924
3	02.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	02.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	02.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.1082
6	02.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	02.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	02.04.2024	4:00 PM	0.02	1.420	0.000	0.080	0.0069
9	02.04.2024	5:00 PM	0.03	1.420	0.000	0.221	0.0191
10	02.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	02.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	02.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.4924
13	02.04.2024	9:00 PM	0.09	1.420	0.003	3.451	0.2981
14	02.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	02.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.0686
16	02.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	03.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	03.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	03.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	03.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	03.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	03.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	03.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.2221
24	03.04.2024	8:00 AM	0.09	1.420	0.003	3.451	0.2981
			Average		0.002	1.939	0.168

पर्यवेक्षण अभियन्ता
जगत निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.4924
2	03.04.2024	10:00 AM	0.10	1.420	0.004	4.490	0.3880
3	03.04.2024	11:00 AM	0.09	1.420	0.003	3.451	0.2981
4	03.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	03.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.1082
6	03.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	03.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	03.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	03.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.0393
10	03.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	03.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	03.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.4924
13	03.04.2024	9:00 PM	0.09	1.420	0.003	3.451	0.2981
14	03.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	03.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.0686
16	03.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	04.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	04.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	04.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	04.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	04.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	04.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	04.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.2221
24	04.04.2024	8:00 AM	0.09	1.420	0.003	3.451	0.2981
			Average		**0.002**	**1.824**	**0.158**

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	04.04.2024	10:00 AM	0.10	1.420	0.004	4.490	0.3880
3	04.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	04.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.2221
5	04.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.1591
6	04.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	04.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	04.04.2024	4:00 PM	0.02	1.420	0.000	0.080	0.0069
9	04.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.0393
10	04.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	04.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	04.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.4924
13	04.04.2024	9:00 PM	0.09	1.420	0.003	3.451	0.2981
14	04.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	04.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.0686
16	04.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	05.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	05.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	05.04.2024	3:00 AM	0.00	1.420	0.000	0.000	0.0000
20	05.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	05.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	05.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	05.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.2221
24	05.04.2024	8:00 AM	0.08	1.420	0.003	2.570	0.2221
			Average		0.002	1.966	0.170

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.09	1.420	0.003	3.451	0.2981
2	05.04.2024	10:00 AM	0.10	1.420	0.004	4.490	0.3880
3	05.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	05.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	05.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.1082
6	05.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	05.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	05.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	05.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.0393
10	05.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	05.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	05.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.4924
13	05.04.2024	9:00 PM	0.09	1.420	0.003	3.451	0.2981
14	05.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	05.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.0686
16	05.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	06.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	06.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	06.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	06.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	06.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	06.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	06.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.2221
24	06.04.2024	8:00 AM	0.09	1.420	0.003	3.451	0.2981
			Average		**0.002**	**1.852**	**0.160**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.09	1.420	0.003	3.451	0.2981
2	06.04.2024	10:00 AM	0.11	1.420	0.006	5.699	0.4924
3	06.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	06.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	06.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.1082
6	06.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	06.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	06.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	06.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	06.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	06.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	06.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.4924
13	06.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	06.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	06.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.0686
16	06.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	07.04.2024	1:00 AM	0.03	1.420	0.000	0.221	0.0191
18	07.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	07.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	07.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	07.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	07.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	07.04.2024	7:00 AM	0.07	1.420	0.002	1.841	0.1591
24	07.04.2024	8:00 AM	0.10	1.420	0.004	4.490	0.3880
			Average		**0.002**	**1.890**	**0.163**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.4924
2	07.04.2024	10:00 AM	0.10	1.420	0.004	4.490	0.3880
3	07.04.2024	11:00 AM	0.09	1.420	0.003	3.451	0.2981
4	07.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	07.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.1082
6	07.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	07.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	07.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	07.04.2024	5:00 PM	0.03	1.420	0.000	0.221	0.0191
10	07.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	07.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	07.04.2024	8:00 PM	0.10	1.420	0.004	4.490	0.3880
13	07.04.2024	9:00 PM	0.09	1.420	0.003	3.451	0.2981
14	07.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	07.04.2024	11:00 PM	0.04	1.420	0.000	0.454	0.0393
16	07.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	08.04.2024	1:00 AM	0.03	1.420	0.000	0.221	0.0191
18	08.04.2024	2:00 AM	0.03	1.420	0.000	0.221	0.0191
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	08.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	08.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	08.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	08.04.2024	7:00 AM	0.07	1.420	0.002	1.841	0.1591
24	08.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		**0.002**	**1.814**	**0.157**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.4924
2	08.04.2024	10:00 AM	0.10	1.420	0.004	4.490	0.3880
3	08.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	08.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	08.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.1082
6	08.04.2024	2:00 PM	0.05	1.420	0.001	0.794	0.0686
7	08.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	08.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	08.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.0393
10	08.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	08.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	08.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.4924
13	08.04.2024	9:00 PM	0.09	1.420	0.003	3.451	0.2981
14	08.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	08.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.0686
16	08.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	09.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	09.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	09.04.2024	3:00 AM	0.00	1.420	0.000	0.000	0.0000
20	09.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	09.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.0069
22	09.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.0393
23	09.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.2221
24	09.04.2024	8:00 AM	0.09	1.420	0.003	3.451	0.2981
			Average		**0.002**	**1.864**	**0.161**

नगर निगम प्रयागराज

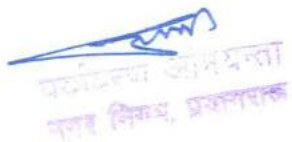
Discharge Measurement Through V-Notch Weir Method				
Drain Name		Shivkuti drain No- 3		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.002	2.423	0.209
2	Day 2	0.003	2.527	0.218
3	Day 3	0.003	2.549	0.220
4	Day 4	0.003	2.551	0.220
5	Day 5	0.003	2.659	0.230
6	Day 6	0.003	2.569	0.222
7	Day 7	0.002	2.397	0.207
AVERAGE		0.003	2.525	0.218

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	02.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	02.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	02.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	02.04.2024	1:00 PM	0.05	1.420	0.001	0.794	0.0686
6	02.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	02.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	02.04.2024	4:00 PM	0.02	1.420	0.000	0.080	0.0069
9	02.04.2024	5:00 PM	0.03	1.420	0.000	0.221	0.0191
10	02.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	02.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	02.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	02.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	02.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	02.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	02.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	03.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	03.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	03.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	03.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	03.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	03.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	03.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.2221
24	03.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		**0.002**	**2.423**	**0.209**

प्रयागराज जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.4924
2	03.04.2024	10:00 AM	0.12	1.420	0.007	7.083	0.6120
3	03.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	03.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	03.04.2024	1:00 PM	0.05	1.420	0.001	0.794	0.0686
6	03.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	03.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	03.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	03.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	03.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	03.04.2024	7:00 PM	0.13	1.420	0.009	8.653	0.7476
12	03.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	03.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.4924
14	03.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	03.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	03.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	04.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	04.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	04.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	04.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	04.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	04.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	04.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.2221
24	04.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		0.003	2.527	0.218



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	04.04.2024	10:00 AM	0.12	1.420	0.007	7.083	0.6120
3	04.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	04.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	04.04.2024	1:00 PM	0.05	1.420	0.001	0.794	0.0686
6	04.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	04.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	04.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	04.04.2024	5:00 PM	0.03	1.420	0.000	0.221	0.0191
10	04.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	04.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	04.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	04.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.4924
14	04.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.2981
15	04.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	04.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	05.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	05.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	05.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	05.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	05.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	05.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	05.04.2024	7:00 AM	0.09	1.420	0.003	3.451	0.2981
24	05.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		**0.003**	**2.549**	**0.220**

नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	05.04.2024	10:00 AM	0.12	1.420	0.007	7.083	0.6120
3	05.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	05.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.2221
5	05.04.2024	1:00 PM	0.05	1.420	0.001	0.794	0.0686
6	05.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	05.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	05.04.2024	4:00 PM	0.03	1.420	0.000	0.221	0.0191
9	05.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.0393
10	05.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	05.04.2024	7:00 PM	0.12	1.420	0.007	7.083	0.6120
12	05.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	05.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.4924
14	05.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	05.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	05.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	06.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	06.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	06.04.2024	3:00 AM	0.00	1.420	0.000	0.000	0.0000
20	06.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	06.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	06.04.2024	6:00 AM	0.06	1.420	0.001	1.252	0.1082
23	06.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.2221
24	06.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		0.003	2.551	0.220

पर्यवेक्षण अभियन्ता
जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	06.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	06.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	06.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.2221
5	06.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.1082
6	06.04.2024	2:00 PM	0.05	1.420	0.001	0.794	0.0686
7	06.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	06.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	06.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	06.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	06.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	06.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	06.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.4924
14	06.04.2024	10:00 PM	0.06	1.420	0.001	1.252	0.1082
15	06.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	06.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	07.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	07.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	07.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	07.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	07.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	07.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	07.04.2024	7:00 AM	0.09	1.420	0.003	3.451	0.2981
24	07.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		0.003	2.659	0.230

पर्यावरण अभियन्ता
वसई विरार, प्रकाशराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.09	1.420	0.003	3.451	0.2981
2	07.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	07.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	07.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	07.04.2024	1:00 PM	0.05	1.420	0.001	0.794	0.0686
6	07.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	07.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	07.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	07.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.0393
10	07.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	07.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	07.04.2024	8:00 PM	0.14	1.420	0.010	10.414	0.8998
13	07.04.2024	9:00 PM	0.09	1.420	0.003	3.451	0.2981
14	07.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	07.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	07.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	08.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	08.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	08.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	08.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	08.04.2024	6:00 AM	0.09	1.420	0.003	3.451	0.2981
23	08.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	08.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		0.003	2.569	0.222

नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.4924
2	08.04.2024	10:00 AM	0.11	1.420	0.006	5.699	0.4924
3	08.04.2024	11:00 AM	0.12	1.420	0.007	7.083	0.6120
4	08.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.2221
5	08.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.1591
6	08.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.0393
7	08.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	08.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	08.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	08.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	08.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	08.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.4924
13	08.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	08.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	08.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	08.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	09.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	09.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	09.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	09.04.2024	4:00 AM	0.00	1.420	0.000	0.000	0.0000
21	09.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	09.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	09.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.2221
24	09.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		0.002	2.397	0.207

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		**Shivkuti drain No-4**		
Drain No.		**1**		
Formula		**$Q= 1.42\ H^{2.5}$**		
g= 9.806 m/Sec2				**θ= 90°**
Sr. No.	**Day**		Discharge Q	
		In m3/s	**In LPS**	**In MLD**
1	Day 1	0.003	3.166	0.274
2	Day 2	0.003	3.145	0.272
3	Day 3	0.003	3.192	0.276
4	Day 4	0.003	3.221	0.278
5	Day 5	0.003	3.318	0.287
6	Day 6	0.003	3.260	0.282
7	Day 7	0.003	3.226	0.279
AVERAGE		**0.003**	**3.218**	**0.278**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.8998
2	02.04.2024	10:00 AM	0.15	1.420	0.012	12.374	1.0691
3	02.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	02.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.2221
5	02.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	02.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	02.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	02.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	02.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	02.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	02.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	02.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	02.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.4924
14	02.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.2981
15	02.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	02.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	03.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	03.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	03.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	03.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	03.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	03.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	03.04.2024	7:00 AM	0.09	1.420	0.003	3.451	0.2981
24	03.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		**0.003**	**3.166**	**0.274**

परमेश्वरण अभियन्ता
जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	03.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	03.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	03.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	03.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	03.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	03.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	03.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	03.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	03.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	03.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	03.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	03.04.2024	9:00 PM	0.12	1.420	0.007	7.083	0.6120
14	03.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.2981
15	03.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	03.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	04.04.2024	1:00 AM	0.03	1.420	0.000	0.221	0.0191
18	04.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	04.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	04.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	04.04.2024	5:00 AM	0.05	1.420	0.001	0.794	0.0686
22	04.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	04.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	04.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		0.003	3.145	0.272

पर्यवेक्षण अधिकारी
जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.4924
2	04.04.2024	10:00 AM	0.15	1.420	0.012	12.374	1.0691
3	04.04.2024	11:00 AM	0.13	1.420	0.009	8.653	0.7476
4	04.04.2024	12:00 PM	0.10	1.420	0.004	4.490	0.3880
5	04.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	04.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	04.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	04.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	04.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	04.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	04.04.2024	7:00 PM	0.07	1.420	0.002	1.841	0.1591
12	04.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	04.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.4924
14	04.04.2024	10:00 PM	0.12	1.420	0.007	7.083	0.6120
15	04.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	04.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	05.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	05.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	05.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	05.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	05.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	05.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	05.04.2024	7:00 AM	0.09	1.420	0.003	3.451	0.2981
24	05.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		0.003	3.192	0.276

पर्यावरण अभियन्ता
निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.15	1.420	0.012	12.374	1.0691
2	05.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	05.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	05.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.2221
5	05.04.2024	1:00 PM	0.09	1.420	0.003	3.451	0.2981
6	05.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	05.04.2024	3:00 PM	0.07	1.420	0.002	1.841	0.1591
8	05.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	05.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	05.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	05.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	05.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	05.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	05.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.2981
15	05.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	05.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	06.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	06.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	06.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.0069
20	06.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	06.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	06.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	06.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	06.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		0.003	3.221	0.278



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	06.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	06.04.2024	11:00 AM	0.12	1.420	0.007	7.083	0.6120
4	06.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.2221
5	06.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	06.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	06.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	06.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	06.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	06.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	06.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	06.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.4924
13	06.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	06.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	06.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	06.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	07.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	07.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	07.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.0069
20	07.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	07.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	07.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	07.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	07.04.2024	8:00 AM	0.14	1.420	0.010	10.414	0.8998
			Average		0.003	3.318	0.287



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.8998
2	07.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	07.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	07.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	07.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	07.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	07.04.2024	3:00 PM	0.06	1.420	0.001	1.252	0.1082
8	07.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	07.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	07.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	07.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	07.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	07.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.4924
14	07.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	07.04.2024	11:00 PM	0.07	1.420	0.002	1.841	0.1591
16	07.04.2024	12:00 AM	0.04	1.420	0.000	0.454	0.0393
17	08.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	08.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	08.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	08.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	08.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	08.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	08.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		**0.003**	**3.260**	**0.282**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.8998
2	08.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	08.04.2024	11:00 AM	0.13	1.420	0.009	8.653	0.7476
4	08.04.2024	12:00 PM	0.10	1.420	0.004	4.490	0.3880
5	08.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	08.04.2024	2:00 PM	0.07	1.420	0.002	1.841	0.1591
7	08.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	08.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	08.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	08.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	08.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	08.04.2024	8:00 PM	0.10	1.420	0.004	4.490	0.3880
13	08.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.4924
14	08.04.2024	10:00 PM	0.11	1.420	0.006	5.699	0.4924
15	08.04.2024	11:00 PM	0.08	1.420	0.003	2.570	0.2221
16	08.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	09.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	09.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	09.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	09.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	09.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.0069
22	09.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	09.04.2024	7:00 AM	0.09	1.420	0.003	3.451	0.2981
24	09.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		0.003	3.226	0.279



Discharge Measurement Through V-Notch Weir Method				
Drain Name		Shivkuti drain No-5		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.004	3.710	0.321
2	Day 2	0.004	3.712	0.321
3	Day 3	0.004	3.692	0.319
4	Day 4	0.004	3.686	0.318
5	Day 5	0.004	3.763	0.325
6	Day 6	0.004	3.707	0.320
7	Day 7	0.004	3.653	0.316
AVERAGE		0.004	3.703	0.320

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-5			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.15	1.420	0.012	12.374	1.0691
2	02.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	02.04.2024	11:00 AM	0.12	1.420	0.007	7.083	0.6120
4	02.04.2024	12:00 PM	0.10	1.420	0.004	4.490	0.3880
5	02.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	02.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	02.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	02.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	02.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	02.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	02.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	02.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	02.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	02.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	02.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	02.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	03.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	03.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	03.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	03.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	03.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	03.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	03.04.2024	7:00 AM	0.13	1.420	0.009	8.653	0.7476
24	03.04.2024	8:00 AM	0.16	1.420	0.015	14.541	1.2563
			Average		0.004	3.710	0.321



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-5			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.8998
2	03.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	03.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	03.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	03.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	03.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	03.04.2024	3:00 PM	0.06	1.420	0.001	1.252	0.1082
8	03.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	03.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.0393
10	03.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	03.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	03.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	03.04.2024	9:00 PM	0.14	1.420	0.010	10.414	0.8998
14	03.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	03.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	03.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	04.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	04.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	04.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	04.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	04.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	04.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	04.04.2024	7:00 AM	0.13	1.420	0.009	8.653	0.7476
24	04.04.2024	8:00 AM	0.15	1.420	0.012	12.374	1.0691
			Average		0.004	3.712	0.321

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-5			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	04.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	04.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	04.04.2024	12:00 PM	0.10	1.420	0.004	4.490	0.3880
5	04.04.2024	1:00 PM	0.09	1.420	0.003	3.451	0.2981
6	04.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	04.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	04.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	04.04.2024	5:00 PM	0.07	1.420	0.002	1.841	0.1591
10	04.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	04.04.2024	7:00 PM	0.13	1.420	0.009	8.653	0.7476
12	04.04.2024	8:00 PM	0.14	1.420	0.010	10.414	0.8998
13	04.04.2024	9:00 PM	0.12	1.420	0.007	7.083	0.6120
14	04.04.2024	10:00 PM	0.08	1.420	0.003	2.570	0.2221
15	04.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	04.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	05.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	05.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	05.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	05.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	05.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	05.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	05.04.2024	7:00 AM	0.13	1.420	0.009	8.653	0.7476
24	05.04.2024	8:00 AM	0.14	1.420	0.010	10.414	0.8998
			Average		0.004	3.692	0.319

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-5			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.15	1.420	0.012	12.374	1.0691
2	05.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	05.04.2024	11:00 AM	0.12	1.420	0.007	7.083	0.6120
4	05.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	05.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	05.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	05.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	05.04.2024	4:00 PM	0.07	1.420	0.002	1.841	0.1591
9	05.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	05.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	05.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	05.04.2024	8:00 PM	0.14	1.420	0.010	10.414	0.8998
13	05.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	05.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	05.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	05.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	06.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	06.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	06.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	06.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	06.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.0069
22	06.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	06.04.2024	7:00 AM	0.13	1.420	0.009	8.653	0.7476
24	06.04.2024	8:00 AM	0.15	1.420	0.012	12.374	1.0691
			Average		0.004	3.686	0.318

पर्यवेक्षण अभियन्ता
प्रयाग नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-5			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	06.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	06.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	06.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	06.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	06.04.2024	2:00 PM	0.07	1.420	0.002	1.841	0.1591
7	06.04.2024	3:00 PM	0.06	1.420	0.001	1.252	0.1082
8	06.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	06.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	06.04.2024	6:00 PM	0.10	1.420	0.004	4.490	0.3880
11	06.04.2024	7:00 PM	0.12	1.420	0.007	7.083	0.6120
12	06.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	06.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	06.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.1591
15	06.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	06.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	07.04.2024	1:00 AM	0.03	1.420	0.000	0.221	0.0191
18	07.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	07.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	07.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	07.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	07.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	07.04.2024	7:00 AM	0.13	1.420	0.009	8.653	0.7476
24	07.04.2024	8:00 AM	0.14	1.420	0.010	10.414	0.8998
			Average		0.004	3.763	0.325

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-5			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	07.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	07.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	07.04.2024	12:00 PM	0.10	1.420	0.004	4.490	0.3880
5	07.04.2024	1:00 PM	0.09	1.420	0.003	3.451	0.2981
6	07.04.2024	2:00 PM	0.07	1.420	0.002	1.841	0.1591
7	07.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	07.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	07.04.2024	5:00 PM	0.09	1.420	0.003	3.451	0.2981
10	07.04.2024	6:00 PM	0.09	1.420	0.003	3.451	0.2981
11	07.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	07.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	07.04.2024	9:00 PM	0.12	1.420	0.007	7.083	0.6120
14	07.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.2981
15	07.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	07.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	08.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	08.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	08.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	08.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	08.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	08.04.2024	7:00 AM	0.13	1.420	0.009	8.653	0.7476
24	08.04.2024	8:00 AM	0.15	1.420	0.012	12.374	1.0691
			Average		0.004	3.707	0.320



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-5			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	08.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	08.04.2024	11:00 AM	0.09	1.420	0.003	3.451	0.2981
4	08.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	08.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	08.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	08.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	08.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	08.04.2024	5:00 PM	0.08	1.420	0.003	2.570	0.2221
10	08.04.2024	6:00 PM	0.10	1.420	0.004	4.490	0.3880
11	08.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	08.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	08.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	08.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.2981
15	08.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	08.04.2024	12:00 AM	0.05	1.420	0.001	0.794	0.0686
17	09.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	09.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	09.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	09.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	09.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	09.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	09.04.2024	7:00 AM	0.13	1.420	0.009	8.653	0.7476
24	09.04.2024	8:00 AM	0.14	1.420	0.010	10.414	0.8998
			Average		0.004	3.653	0.316

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Shivkuti drain No -6		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.003	3.347	0.289
2	Day 2	0.003	3.170	0.274
3	Day 3	0.003	3.240	0.280
4	Day 4	0.003	3.045	0.263
5	Day 5	0.003	3.271	0.283
6	Day 6	0.003	3.274	0.283
7	Day 7	0.003	2.947	0.255
AVERAGE		0.003	3.185	0.275

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-6			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.15	1.420	0.012	12.374	1.0691
2	02.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	02.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	02.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	02.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	02.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	02.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	02.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	02.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	02.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	02.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	02.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	02.04.2024	9:00 PM	0.12	1.420	0.007	7.083	0.6120
14	02.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	02.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	02.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	03.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	03.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	03.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	03.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	03.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	03.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	03.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	03.04.2024	8:00 AM	0.13	1.420	0.009	8.653	0.7476
			Average		**0.003**	**3.347**	**0.289**

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-6			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	03.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	03.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	03.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	03.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	03.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	03.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	03.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	03.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	03.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	03.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	03.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	03.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	03.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	03.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	03.04.2024	12:00 AM	0.04	1.420	0.000	0.454	0.0393
17	04.04.2024	1:00 AM	0.03	1.420	0.000	0.221	0.0191
18	04.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	04.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	04.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	04.04.2024	5:00 AM	0.05	1.420	0.001	0.794	0.0686
22	04.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	04.04.2024	7:00 AM	0.11	1.420	0.006	5.699	0.4924
24	04.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		**0.003**	**3.170**	**0.274**

कार्यपालन अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-6			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.4924
2	04.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	04.04.2024	11:00 AM	0.13	1.420	0.009	8.653	0.7476
4	04.04.2024	12:00 PM	0.10	1.420	0.004	4.490	0.3880
5	04.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.1591
6	04.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	04.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	04.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	04.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	04.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	04.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	04.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	04.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	04.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	04.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	04.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	05.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	05.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	05.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	05.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	05.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	05.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	05.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	05.04.2024	8:00 AM	0.13	1.420	0.009	8.653	0.7476
			Average		**0.003**	**3.240**	**0.280**

अधिशासी अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-6			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	05.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	05.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	05.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	05.04.2024	1:00 PM	0.09	1.420	0.003	3.451	0.2981
6	05.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	05.04.2024	3:00 PM	0.07	1.420	0.002	1.841	0.1591
8	05.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	05.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	05.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	05.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	05.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	05.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	05.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.2981
15	05.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	05.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	06.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	06.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	06.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.0069
20	06.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	06.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	06.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	06.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	06.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		**0.003**	**3.045**	**0.263**

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-6			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	06.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	06.04.2024	11:00 AM	0.12	1.420	0.007	7.083	0.6120
4	06.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	06.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	06.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	06.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	06.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	06.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	06.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	06.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	06.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	06.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	06.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	06.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	06.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	07.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	07.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	07.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.0069
20	07.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	07.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.0069
22	07.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	07.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	07.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		**0.003**	**3.271**	**0.283**

नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-6			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	07.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	07.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	07.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	07.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	07.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	07.04.2024	3:00 PM	0.06	1.420	0.001	1.252	0.1082
8	07.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	07.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	07.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	07.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	07.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	07.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.4924
14	07.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	07.04.2024	11:00 PM	0.07	1.420	0.002	1.841	0.1591
16	07.04.2024	12:00 AM	0.04	1.420	0.000	0.454	0.0393
17	08.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	08.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	08.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	08.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	08.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	08.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	08.04.2024	8:00 AM	0.13	1.420	0.009	8.653	0.7476
			Average		**0.003**	**3.274**	**0.283**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-6			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	08.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	08.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	08.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	08.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	08.04.2024	2:00 PM	0.07	1.420	0.002	1.841	0.1591
7	08.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	08.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	08.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	08.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	08.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	08.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.4924
13	08.04.2024	9:00 PM	0.12	1.420	0.007	7.083	0.6120
14	08.04.2024	10:00 PM	0.11	1.420	0.006	5.699	0.4924
15	08.04.2024	11:00 PM	0.08	1.420	0.003	2.570	0.2221
16	08.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	09.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	09.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	09.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	09.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	09.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.0069
22	09.04.2024	6:00 AM	0.05	1.420	0.001	0.794	0.0686
23	09.04.2024	7:00 AM	0.09	1.420	0.003	3.451	0.2981
24	09.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		**0.003**	**2.947**	**0.255**

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Shivkuti drain No-07		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.009	8.814	0.761
2	Day 2	0.009	8.825	0.763
3	Day 3	0.009	8.708	0.752
4	Day 4	0.009	8.981	0.776
5	Day 5	0.009	8.926	0.771
6	Day 6	0.009	8.729	0.754
7	Day 7	0.009	9.176	0.793
AVERAGE		0.009	8.880	0.767

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-7			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.19	1.420	0.022	22.345	1.9306
2	02.04.2024	10:00 AM	0.17	1.420	0.017	16.920	1.4619
3	02.04.2024	11:00 AM	0.17	1.420	0.017	16.920	1.4619
4	02.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.0691
5	02.04.2024	1:00 PM	0.10	1.420	0.004	4.490	0.3880
6	02.04.2024	2:00 PM	0.08	1.420	0.003	2.570	0.2221
7	02.04.2024	3:00 PM	0.07	1.420	0.002	1.841	0.1591
8	02.04.2024	4:00 PM	0.08	1.420	0.003	2.570	0.2221
9	02.04.2024	5:00 PM	0.09	1.420	0.003	3.451	0.2981
10	02.04.2024	6:00 PM	0.13	1.420	0.009	8.653	0.7476
11	02.04.2024	7:00 PM	0.14	1.420	0.010	10.414	0.8998
12	02.04.2024	8:00 PM	0.19	1.420	0.022	22.345	1.9306
13	02.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.1947
14	02.04.2024	10:00 PM	0.15	1.420	0.012	12.374	1.0691
15	02.04.2024	11:00 PM	0.11	1.420	0.006	5.699	0.4924
16	02.04.2024	12:00 AM	0.08	1.420	0.003	2.570	0.2221
17	03.04.2024	1:00 AM	0.07	1.420	0.002	1.841	0.1591
18	03.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	03.04.2024	3:00 AM	0.04	1.420	0.000	0.454	0.0393
20	03.04.2024	4:00 AM	0.05	1.420	0.001	0.794	0.0686
21	03.04.2024	5:00 AM	0.06	1.420	0.001	1.252	0.1082
22	03.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.4924
23	03.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.0691
24	03.04.2024	8:00 AM	0.17	1.420	0.017	16.920	1.4619
			Average		**0.009**	**8.814**	**0.761**

परियोजना अधिकारी
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-7			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.19	1.420	0.022	22.345	1.9306
2	03.04.2024	10:00 AM	0.17	1.420	0.017	16.920	1.4619
3	03.04.2024	11:00 AM	0.16	1.420	0.015	14.541	1.2563
4	03.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.0691
5	03.04.2024	1:00 PM	0.10	1.420	0.004	4.490	0.3880
6	03.04.2024	2:00 PM	0.08	1.420	0.003	2.570	0.2221
7	03.04.2024	3:00 PM	0.07	1.420	0.002	1.841	0.1591
8	03.04.2024	4:00 PM	0.07	1.420	0.002	1.841	0.1591
9	03.04.2024	5:00 PM	0.09	1.420	0.003	3.451	0.2981
10	03.04.2024	6:00 PM	0.13	1.420	0.009	8.653	0.7476
11	03.04.2024	7:00 PM	0.14	1.420	0.010	10.414	0.8998
12	03.04.2024	8:00 PM	0.20	1.420	0.025	25.402	2.1947
13	03.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.1947
14	03.04.2024	10:00 PM	0.14	1.420	0.010	10.414	0.8998
15	03.04.2024	11:00 PM	0.11	1.420	0.006	5.699	0.4924
16	03.04.2024	12:00 AM	0.08	1.420	0.003	2.570	0.2221
17	04.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.2221
18	04.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	04.04.2024	3:00 AM	0.05	1.420	0.001	0.794	0.0686
20	04.04.2024	4:00 AM	0.05	1.420	0.001	0.794	0.0686
21	04.04.2024	5:00 AM	0.07	1.420	0.002	1.841	0.1591
22	04.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.4924
23	04.04.2024	7:00 AM	0.14	1.420	0.010	10.414	0.8998
24	04.04.2024	8:00 AM	0.18	1.420	0.020	19.520	1.6865
			Average		0.009	8.825	0.763

पर्यवेक्षण अधिकारी
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-7			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.19	1.420	0.022	22.345	1.9306
2	03.04.2024	10:00 AM	0.17	1.420	0.017	16.920	1.4619
3	03.04.2024	11:00 AM	0.16	1.420	0.015	14.541	1.2563
4	03.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.0691
5	03.04.2024	1:00 PM	0.10	1.420	0.004	4.490	0.3880
6	03.04.2024	2:00 PM	0.08	1.420	0.003	2.570	0.2221
7	03.04.2024	3:00 PM	0.07	1.420	0.002	1.841	0.1591
8	03.04.2024	4:00 PM	0.07	1.420	0.002	1.841	0.1591
9	03.04.2024	5:00 PM	0.09	1.420	0.003	3.451	0.2981
10	03.04.2024	6:00 PM	0.13	1.420	0.009	8.653	0.7476
11	03.04.2024	7:00 PM	0.14	1.420	0.010	10.414	0.8998
12	03.04.2024	8:00 PM	0.20	1.420	0.025	25.402	2.1947
13	03.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.1947
14	03.04.2024	10:00 PM	0.14	1.420	0.010	10.414	0.8998
15	03.04.2024	11:00 PM	0.11	1.420	0.006	5.699	0.4924
16	03.04.2024	12:00 AM	0.08	1.420	0.003	2.570	0.2221
17	04.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.2221
18	04.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	04.04.2024	3:00 AM	0.05	1.420	0.001	0.794	0.0686
20	04.04.2024	4:00 AM	0.05	1.420	0.001	0.794	0.0686
21	04.04.2024	5:00 AM	0.07	1.420	0.002	1.841	0.1591
22	04.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.4924
23	04.04.2024	7:00 AM	0.14	1.420	0.010	10.414	0.8998
24	04.04.2024	8:00 AM	0.18	1.420	0.020	19.520	1.6865
			Average		0.009	8.825	0.763

पर्यवेक्षण अभियन्ता
जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-7			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.17	1.420	0.017	16.920	1.4619
2	04.04.2024	10:00 AM	0.18	1.420	0.020	19.520	1.6865
3	04.04.2024	11:00 AM	0.16	1.420	0.015	14.541	1.2563
4	04.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.0691
5	04.04.2024	1:00 PM	0.12	1.420	0.007	7.083	0.6120
6	04.04.2024	2:00 PM	0.08	1.420	0.003	2.570	0.2221
7	04.04.2024	3:00 PM	0.07	1.420	0.002	1.841	0.1591
8	04.04.2024	4:00 PM	0.08	1.420	0.003	2.570	0.2221
9	04.04.2024	5:00 PM	0.10	1.420	0.004	4.490	0.3880
10	04.04.2024	6:00 PM	0.12	1.420	0.007	7.083	0.6120
11	04.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.2563
12	04.04.2024	8:00 PM	0.19	1.420	0.022	22.345	1.9306
13	04.04.2024	9:00 PM	0.19	1.420	0.022	22.345	1.9306
14	04.04.2024	10:00 PM	0.15	1.420	0.012	12.374	1.0691
15	04.04.2024	11:00 PM	0.11	1.420	0.006	5.699	0.4924
16	04.04.2024	12:00 AM	0.08	1.420	0.003	2.570	0.2221
17	05.04.2024	1:00 AM	0.07	1.420	0.002	1.841	0.1591
18	05.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	05.04.2024	3:00 AM	0.04	1.420	0.000	0.454	0.0393
20	05.04.2024	4:00 AM	0.05	1.420	0.001	0.794	0.0686
21	05.04.2024	5:00 AM	0.05	1.420	0.001	0.794	0.0686
22	05.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.4924
23	05.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.0691
24	05.04.2024	8:00 AM	0.17	1.420	0.017	16.920	1.4619
			Average		0.009	8.708	0.752

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-7			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.20	1.420	0.025	25.402	2.1947
2	05.04.2024	10:00 AM	0.18	1.420	0.020	19.520	1.6865
3	05.04.2024	11:00 AM	0.15	1.420	0.012	12.374	1.0691
4	05.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.0691
5	05.04.2024	1:00 PM	0.11	1.420	0.006	5.699	0.4924
6	05.04.2024	2:00 PM	0.08	1.420	0.003	2.570	0.2221
7	05.04.2024	3:00 PM	0.07	1.420	0.002	1.841	0.1591
8	05.04.2024	4:00 PM	0.08	1.420	0.003	2.570	0.2221
9	05.04.2024	5:00 PM	0.09	1.420	0.003	3.451	0.2981
10	05.04.2024	6:00 PM	0.13	1.420	0.009	8.653	0.7476
11	05.04.2024	7:00 PM	0.17	1.420	0.017	16.920	1.4619
12	05.04.2024	8:00 PM	0.19	1.420	0.022	22.345	1.9306
13	05.04.2024	9:00 PM	0.19	1.420	0.022	22.345	1.9306
14	05.04.2024	10:00 PM	0.14	1.420	0.010	10.414	0.8998
15	05.04.2024	11:00 PM	0.10	1.420	0.004	4.490	0.3880
16	05.04.2024	12:00 AM	0.08	1.420	0.003	2.570	0.2221
17	06.04.2024	1:00 AM	0.07	1.420	0.002	1.841	0.1591
18	06.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	06.04.2024	3:00 AM	0.04	1.420	0.000	0.454	0.0393
20	06.04.2024	4:00 AM	0.06	1.420	0.001	1.252	0.1082
21	06.04.2024	5:00 AM	0.06	1.420	0.001	1.252	0.1082
22	06.04.2024	6:00 AM	0.10	1.420	0.004	4.490	0.3880
23	06.04.2024	7:00 AM	0.16	1.420	0.015	14.541	1.2563
24	06.04.2024	8:00 AM	0.17	1.420	0.017	16.920	1.4619
			Average		0.009	8.981	0.776

परियोजना ...
दण्ड विभाग, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-7			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.18	1.420	0.020	19.520	1.6865
2	06.04.2024	10:00 AM	0.18	1.420	0.020	19.520	1.6865
3	06.04.2024	11:00 AM	0.16	1.420	0.015	14.541	1.2563
4	06.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.0691
5	06.04.2024	1:00 PM	0.10	1.420	0.004	4.490	0.3880
6	06.04.2024	2:00 PM	0.08	1.420	0.003	2.570	0.2221
7	06.04.2024	3:00 PM	0.07	1.420	0.002	1.841	0.1591
8	06.04.2024	4:00 PM	0.08	1.420	0.003	2.570	0.2221
9	06.04.2024	5:00 PM	0.09	1.420	0.003	3.451	0.2981
10	06.04.2024	6:00 PM	0.13	1.420	0.009	8.653	0.7476
11	06.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.2563
12	06.04.2024	8:00 PM	0.19	1.420	0.022	22.345	1.9306
13	06.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.1947
14	06.04.2024	10:00 PM	0.16	1.420	0.015	14.541	1.2563
15	06.04.2024	11:00 PM	0.11	1.420	0.006	5.699	0.4924
16	06.04.2024	12:00 AM	0.08	1.420	0.003	2.570	0.2221
17	07.04.2024	1:00 AM	0.07	1.420	0.002	1.841	0.1591
18	07.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	07.04.2024	3:00 AM	0.04	1.420	0.000	0.454	0.0393
20	07.04.2024	4:00 AM	0.05	1.420	0.001	0.794	0.0686
21	07.04.2024	5:00 AM	0.06	1.420	0.001	1.252	0.1082
22	07.04.2024	6:00 AM	0.12	1.420	0.007	7.083	0.6120
23	07.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.0691
24	07.04.2024	8:00 AM	0.16	1.420	0.015	14.541	1.2563
			Average		0.009	8.926	0.771

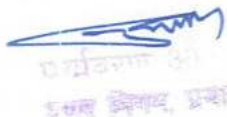
अधिशासी अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-7			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.19	1.420	0.022	22.345	1.9306
2	07.04.2024	10:00 AM	0.19	1.420	0.022	22.345	1.9306
3	07.04.2024	11:00 AM	0.16	1.420	0.015	14.541	1.2563
4	07.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.0691
5	07.04.2024	1:00 PM	0.10	1.420	0.004	4.490	0.3880
6	07.04.2024	2:00 PM	0.08	1.420	0.003	2.570	0.2221
7	07.04.2024	3:00 PM	0.07	1.420	0.002	1.841	0.1591
8	07.04.2024	4:00 PM	0.08	1.420	0.003	2.570	0.2221
9	07.04.2024	5:00 PM	0.10	1.420	0.004	4.490	0.3880
10	07.04.2024	6:00 PM	0.13	1.420	0.009	8.653	0.7476
11	07.04.2024	7:00 PM	0.14	1.420	0.010	10.414	0.8998
12	07.04.2024	8:00 PM	0.18	1.420	0.020	19.520	1.6865
13	07.04.2024	9:00 PM	0.18	1.420	0.020	19.520	1.6865
14	07.04.2024	10:00 PM	0.15	1.420	0.012	12.374	1.0691
15	07.04.2024	11:00 PM	0.11	1.420	0.006	5.699	0.4924
16	07.04.2024	12:00 AM	0.08	1.420	0.003	2.570	0.2221
17	08.04.2024	1:00 AM	0.07	1.420	0.002	1.841	0.1591
18	08.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	08.04.2024	3:00 AM	0.04	1.420	0.000	0.454	0.0393
20	08.04.2024	4:00 AM	0.05	1.420	0.001	0.794	0.0686
21	08.04.2024	5:00 AM	0.06	1.420	0.001	1.252	0.1082
22	08.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.4924
23	08.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.0691
24	08.04.2024	8:00 AM	0.18	1.420	0.020	19.520	1.6865
			Average		0.009	8.729	0.754



परियोजना अभियन्ता
प्रयाग विकास, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shivkuti Drain No-7			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.19	1.420	0.022	22.345	1.9306
2	08.04.2024	10:00 AM	0.20	1.420	0.025	25.402	2.1947
3	08.04.2024	11:00 AM	0.16	1.420	0.015	14.541	1.2563
4	08.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.0691
5	08.04.2024	1:00 PM	0.11	1.420	0.006	5.699	0.4924
6	08.04.2024	2:00 PM	0.08	1.420	0.003	2.570	0.2221
7	08.04.2024	3:00 PM	0.07	1.420	0.002	1.841	0.1591
8	08.04.2024	4:00 PM	0.08	1.420	0.003	2.570	0.2221
9	08.04.2024	5:00 PM	0.10	1.420	0.004	4.490	0.3880
10	08.04.2024	6:00 PM	0.13	1.420	0.009	8.653	0.7476
11	08.04.2024	7:00 PM	0.14	1.420	0.010	10.414	0.8998
12	08.04.2024	8:00 PM	0.19	1.420	0.022	22.345	1.9306
13	08.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.1947
14	08.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.4619
15	08.04.2024	11:00 PM	0.11	1.420	0.006	5.699	0.4924
16	08.04.2024	12:00 AM	0.08	1.420	0.003	2.570	0.2221
17	09.04.2024	1:00 AM	0.07	1.420	0.002	1.841	0.1591
18	09.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.1082
19	09.04.2024	3:00 AM	0.05	1.420	0.001	0.794	0.0686
20	09.04.2024	4:00 AM	0.05	1.420	0.001	0.794	0.0686
21	09.04.2024	5:00 AM	0.06	1.420	0.001	1.252	0.1082
22	09.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.4924
23	09.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.0691
24	09.04.2024	8:00 AM	0.15	1.420	0.012	12.374	1.0691
			Average		0.009	9.176	0.793

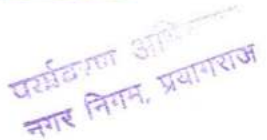


Discharge Measurement Through V-Notch Weir Method				
Drain Name		Govindpur Colony Drain (Purani Basti)		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.003	2.526	0.218
2	Day 2	0.002	2.392	0.207
3	Day 3	0.003	2.538	0.219
4	Day 4	0.002	2.461	0.213
5	Day 5	0.003	2.567	0.222
6	Day 6	0.002	2.500	0.216
7	Day 7	0.003	2.713	0.234
AVERAGE		0.003	2.528	0.218

उपखंडगण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain (Purani Basti)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	02.04.2024	10:00 AM	0.11	1.420	0.006	5.699	0.4924
3	02.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	02.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.2221
5	02.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	02.04.2024	2:00 PM	0.05	1.420	0.001	0.794	0.0686
7	02.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	02.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	02.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	02.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	02.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	02.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	02.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	02.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.2981
15	02.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	02.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	03.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	03.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	03.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	03.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	03.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	03.04.2024	6:00 AM	0.05	1.420	0.001	0.794	0.0686
23	03.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	03.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		**0.003**	**2.526**	**0.218**





Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain (Purani Basti)			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	03.04.2024	10:00 AM	0.11	1.420	0.006	5.699	0.4924
3	03.04.2024	11:00 AM	0.09	1.420	0.003	3.451	0.2981
4	03.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.1591
5	03.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.1591
6	03.04.2024	2:00 PM	0.05	1.420	0.001	0.794	0.0686
7	03.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	03.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	03.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	03.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	03.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	03.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	03.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	03.04.2024	10:00 PM	0.08	1.420	0.003	2.570	0.2221
15	03.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	03.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	04.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	04.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	04.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	04.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	04.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	04.04.2024	6:00 AM	0.05	1.420	0.001	0.794	0.0686
23	04.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	04.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		**0.002**	**2.392**	**0.207**



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain (Purani Basti)			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	04.04.2024	10:00 AM	0.11	1.420	0.006	5.699	0.4924
3	04.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	04.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	04.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	04.04.2024	2:00 PM	0.05	1.420	0.001	0.794	0.0686
7	04.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	04.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	04.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	04.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	04.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	04.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.4924
13	04.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	04.04.2024	10:00 PM	0.08	1.420	0.003	2.570	0.2221
15	04.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	04.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	05.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	05.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	05.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	05.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	05.04.2024	5:00 AM	0.04	1.420	0.000	0.454	0.0393
22	05.04.2024	6:00 AM	0.05	1.420	0.001	0.794	0.0686
23	05.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	05.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		**0.003**	**2.538**	**0.219**

पर्यावरण अधिकारी
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain (Purani Basti)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	05.04.2024	10:00 AM	0.11	1.420	0.006	5.699	0.4924
3	05.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	05.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.2221
5	05.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	05.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	05.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	05.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	05.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	05.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	05.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	05.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	05.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	05.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.2981
15	05.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	05.04.2024	12:00 AM	0.04	1.420	0.000	0.454	0.0393
17	06.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	06.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	06.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	06.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	06.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	06.04.2024	6:00 AM	0.05	1.420	0.001	0.794	0.0686
23	06.04.2024	7:00 AM	0.09	1.420	0.003	3.451	0.2981
24	06.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		0.002	2.461	0.213

नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain (Purani Basti)			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.4924
2	06.04.2024	10:00 AM	0.11	1.420	0.006	5.699	0.4924
3	06.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	06.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	06.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	06.04.2024	2:00 PM	0.05	1.420	0.001	0.794	0.0686
7	06.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	06.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	06.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	06.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	06.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	06.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	06.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	06.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	06.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	06.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	07.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	07.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	07.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	07.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	07.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	07.04.2024	6:00 AM	0.05	1.420	0.001	0.794	0.0686
23	07.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	07.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		**0.003**	**2.567**	**0.222**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain (Purani Basti)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	07.04.2024	10:00 AM	0.12	1.420	0.007	7.083	0.6120
3	07.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	07.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.2221
5	07.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.1082
6	07.04.2024	2:00 PM	0.05	1.420	0.001	0.794	0.0686
7	07.04.2024	3:00 PM	0.04	1.420	0.000	0.454	0.0393
8	07.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	07.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	07.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	07.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	07.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	07.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.3880
14	07.04.2024	10:00 PM	0.08	1.420	0.003	2.570	0.2221
15	07.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	07.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	08.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	08.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	08.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	08.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	08.04.2024	6:00 AM	0.05	1.420	0.001	0.794	0.0686
23	08.04.2024	7:00 AM	0.09	1.420	0.003	3.451	0.2981
24	08.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		**0.002**	**2.500**	**0.216**



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain (Purani Basti)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	08.04.2024	10:00 AM	0.11	1.420	0.006	5.699	0.4924
3	08.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	08.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.2221
5	08.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	08.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	08.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	08.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	08.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	08.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	08.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	08.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	08.04.2024	9:00 PM	0.12	1.420	0.007	7.083	0.6120
14	08.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.2981
15	08.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	08.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	09.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	09.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	09.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	09.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	09.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	09.04.2024	6:00 AM	0.05	1.420	0.001	0.794	0.0686
23	09.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	09.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		0.003	2.713	0.234

नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Govindpur Colony Drain No-01		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.003	3.260	0.282
2	Day 2	0.003	3.298	0.285
3	Day 3	0.003	3.126	0.270
4	Day 4	0.003	3.085	0.267
5	Day 5	0.003	3.264	0.282
6	Day 6	0.003	3.177	0.275
7	Day 7	0.003	3.073	0.265
AVERAGE		0.003	3.183	0.275

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-01			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.8998
2	02.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	02.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	02.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	02.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	02.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	02.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	02.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	02.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	02.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	02.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	02.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	02.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.4924
14	02.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	02.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	02.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	03.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	03.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	03.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	03.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	03.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	03.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	03.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	03.04.2024	8:00 AM	0.13	1.420	0.009	8.653	0.7476
			Average		**0.003**	**3.260**	**0.282**



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-01			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	03.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	03.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	03.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	03.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	03.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	03.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	03.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	03.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	03.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	03.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	03.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	03.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	03.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	03.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	03.04.2024	12:00 AM	0.04	1.420	0.000	0.454	0.0393
17	04.04.2024	1:00 AM	0.03	1.420	0.000	0.221	0.0191
18	04.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	04.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	04.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	04.04.2024	5:00 AM	0.05	1.420	0.001	0.794	0.0686
22	04.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	04.04.2024	7:00 AM	0.11	1.420	0.006	5.699	0.4924
24	04.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		0.003	3.298	0.285

कार्यदायी अधिकारी
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-01			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	04.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	04.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	04.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	04.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.1591
6	04.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	04.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	04.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	04.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	04.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	04.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	04.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	04.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	04.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	04.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	04.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	05.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	05.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	05.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	05.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	05.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.0069
22	05.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	05.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	05.04.2024	8:00 AM	0.13	1.420	0.009	8.653	0.7476
			Average		0.003	3.126	0.270

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-01			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	05.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	05.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	05.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	05.04.2024	1:00 PM	0.09	1.420	0.003	3.451	0.2981
6	05.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	05.04.2024	3:00 PM	0.07	1.420	0.002	1.841	0.1591
8	05.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	05.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	05.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	05.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	05.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	05.04.2024	9:00 PM	0.12	1.420	0.007	7.083	0.6120
14	05.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.2981
15	05.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	05.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	06.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	06.04.2024	2:00 AM	0.01	1.420	0.000	0.014	0.0012
19	06.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	06.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	06.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	06.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	06.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	06.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		**0.003**	**3.085**	**0.267**

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-01			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.8998
2	06.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.8998
3	06.04.2024	11:00 AM	0.12	1.420	0.007	7.083	0.6120
4	06.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	06.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.1591
6	06.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	06.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	06.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	06.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	06.04.2024	6:00 PM	0.08	1.420	0.003	2.570	0.2221
11	06.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	06.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	06.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	06.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	06.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	06.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	07.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	07.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	07.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.0069
20	07.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	07.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.0069
22	07.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	07.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.2221
24	07.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		0.003	3.264	0.282

कार्यपालन अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-01			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	07.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	07.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	07.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	07.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	07.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	07.04.2024	3:00 PM	0.06	1.420	0.001	1.252	0.1082
8	07.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	07.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	07.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	07.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	07.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	07.04.2024	9:00 PM	0.12	1.420	0.007	7.083	0.6120
14	07.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	07.04.2024	11:00 PM	0.07	1.420	0.002	1.841	0.1591
16	07.04.2024	12:00 AM	0.04	1.420	0.000	0.454	0.0393
17	08.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	08.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	08.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	08.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	08.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	08.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	08.04.2024	8:00 AM	0.13	1.420	0.009	8.653	0.7476
			Average		**0.003**	**3.177**	**0.275**

अधिशासी अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-01			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.8998
2	08.04.2024	10:00 AM	0.12	1.420	0.007	7.083	0.6120
3	08.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	08.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	08.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	08.04.2024	2:00 PM	0.07	1.420	0.002	1.841	0.1591
7	08.04.2024	3:00 PM	0.06	1.420	0.001	1.252	0.1082
8	08.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	08.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	08.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	08.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	08.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.4924
13	08.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	08.04.2024	10:00 PM	0.11	1.420	0.006	5.699	0.4924
15	08.04.2024	11:00 PM	0.08	1.420	0.003	2.570	0.2221
16	08.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	09.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	09.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	09.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	09.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	09.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.0069
22	09.04.2024	6:00 AM	0.06	1.420	0.001	1.252	0.1082
23	09.04.2024	7:00 AM	0.09	1.420	0.003	3.451	0.2981
24	09.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		0.003	3.073	0.265

कार्यपालक अधिकारी
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Govindpur Colony Drain -02		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.004	3.801	0.328
2	Day 2	0.004	3.657	0.316
3	Day 3	0.004	3.775	0.326
4	Day 4	0.004	3.701	0.320
5	Day 5	0.004	3.763	0.325
6	Day 6	0.004	3.756	0.325
7	Day 7	0.004	3.784	0.327
AVERAGE		0.004	3.739	0.323

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-02			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.900
2	02.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.900
3	02.04.2024	11:00 AM	0.12	1.420	0.007	7.083	0.612
4	02.04.2024	12:00 PM	0.10	1.420	0.004	4.490	0.388
5	02.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.222
6	02.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.108
7	02.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.069
8	02.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.069
9	02.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.108
10	02.04.2024	6:00 PM	0.08	1.420	0.003	2.570	0.222
11	02.04.2024	7:00 PM	0.12	1.420	0.007	7.083	0.612
12	02.04.2024	8:00 PM	0.14	1.420	0.010	10.414	0.900
13	02.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.388
14	02.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.159
15	02.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.108
16	02.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.019
17	03.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.007
18	03.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	03.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.007
20	03.04.2024	4:00 AM	0.03	1.420	0.000	0.221	0.019
21	03.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.019
22	03.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.222
23	03.04.2024	7:00 AM	0.13	1.420	0.009	8.653	0.748
24	03.04.2024	8:00 AM	0.15	1.420	0.012	12.374	1.069
			Average		**0.004**	**3.801**	**0.328**

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-02			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.900
2	03.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.900
3	03.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.388
4	03.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.298
5	03.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.222
6	03.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.108
7	03.04.2024	3:00 PM	0.06	1.420	0.001	1.252	0.108
8	03.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.108
9	03.04.2024	5:00 PM	0.07	1.420	0.002	1.841	0.159
10	03.04.2024	6:00 PM	0.08	1.420	0.003	2.570	0.222
11	03.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.492
12	03.04.2024	8:00 PM	0.14	1.420	0.010	10.414	0.900
13	03.04.2024	9:00 PM	0.14	1.420	0.010	10.414	0.900
14	03.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.159
15	03.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.108
16	03.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.019
17	04.04.2024	1:00 AM	0.03	1.420	0.000	0.221	0.019
18	04.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	04.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.001
20	04.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.007
21	04.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.019
22	04.04.2024	6:00 AM	0.09	1.420	0.003	3.451	0.298
23	04.04.2024	7:00 AM	0.11	1.420	0.006	5.699	0.492
24	04.04.2024	8:00 AM	0.13	1.420	0.009	8.653	0.748
			Average		**0.004**	**3.657**	**0.316**

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-02			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.900
2	04.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.748
3	04.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.492
4	04.04.2024	12:00 PM	0.10	1.420	0.004	4.490	0.388
5	04.04.2024	1:00 PM	0.09	1.420	0.003	3.451	0.298
6	04.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.108
7	04.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.069
8	04.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.108
9	04.04.2024	5:00 PM	0.07	1.420	0.002	1.841	0.159
10	04.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.159
11	04.04.2024	7:00 PM	0.13	1.420	0.009	8.653	0.748
12	04.04.2024	8:00 PM	0.14	1.420	0.010	10.414	0.900
13	04.04.2024	9:00 PM	0.14	1.420	0.010	10.414	0.900
14	04.04.2024	10:00 PM	0.08	1.420	0.003	2.570	0.222
15	04.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.108
16	04.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.019
17	05.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.007
18	05.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	05.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.007
20	05.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.001
21	05.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.019
22	05.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.222
23	05.04.2024	7:00 AM	0.11	1.420	0.006	5.699	0.492
24	05.04.2024	8:00 AM	0.13	1.420	0.009	8.653	0.748
			Average		0.004	3.775	0.326

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-02			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.900
2	05.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.900
3	05.04.2024	11:00 AM	0.12	1.420	0.007	7.083	0.612
4	05.04.2024	12:00 PM	0.10	1.420	0.004	4.490	0.388
5	05.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.222
6	05.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.108
7	05.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.069
8	05.04.2024	4:00 PM	0.07	1.420	0.002	1.841	0.159
9	05.04.2024	5:00 PM	0.07	1.420	0.002	1.841	0.159
10	05.04.2024	6:00 PM	0.08	1.420	0.003	2.570	0.222
11	05.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.492
12	05.04.2024	8:00 PM	0.14	1.420	0.010	10.414	0.900
13	05.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.388
14	05.04.2024	10:00 PM	0.08	1.420	0.003	2.570	0.222
15	05.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.108
16	05.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.019
17	06.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.007
18	06.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	06.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.001
20	06.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.001
21	06.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.007
22	06.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.222
23	06.04.2024	7:00 AM	0.11	1.420	0.006	5.699	0.492
24	06.04.2024	8:00 AM	0.15	1.420	0.012	12.374	1.069
			Average		**0.004**	**3.701**	**0.320**

अधिशासी अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-02			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.748
2	06.04.2024	10:00 AM	0.14	1.420	0.010	10.414	0.900
3	06.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.492
4	06.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.298
5	06.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.222
6	06.04.2024	2:00 PM	0.07	1.420	0.002	1.841	0.159
7	06.04.2024	3:00 PM	0.06	1.420	0.001	1.252	0.108
8	06.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.069
9	06.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.108
10	06.04.2024	6:00 PM	0.10	1.420	0.004	4.490	0.388
11	06.04.2024	7:00 PM	0.12	1.420	0.007	7.083	0.612
12	06.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.748
13	06.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.748
14	06.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.159
15	06.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.108
16	06.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.019
17	07.04.2024	1:00 AM	0.03	1.420	0.000	0.221	0.019
18	07.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	07.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.001
20	07.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.001
21	07.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.019
22	07.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.222
23	07.04.2024	7:00 AM	0.13	1.420	0.009	8.653	0.748
24	07.04.2024	8:00 AM	0.14	1.420	0.010	10.414	0.900
			Average		0.004	3.763	0.325

कार्यालय अधिशासी
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-02			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.748
2	07.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.748
3	07.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.492
4	07.04.2024	12:00 PM	0.10	1.420	0.004	4.490	0.388
5	07.04.2024	1:00 PM	0.09	1.420	0.003	3.451	0.298
6	07.04.2024	2:00 PM	0.07	1.420	0.002	1.841	0.159
7	07.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.069
8	07.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.108
9	07.04.2024	5:00 PM	0.09	1.420	0.003	3.451	0.298
10	07.04.2024	6:00 PM	0.09	1.420	0.003	3.451	0.298
11	07.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.492
12	07.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.748
13	07.04.2024	9:00 PM	0.12	1.420	0.007	7.083	0.612
14	07.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.298
15	07.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.108
16	07.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.019
17	08.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.007
18	08.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.001
20	08.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.001
21	08.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.019
22	08.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.222
23	08.04.2024	7:00 AM	0.13	1.420	0.009	8.653	0.748
24	08.04.2024	8:00 AM	0.14	1.420	0.010	10.414	0.900
			Average		0.004	3.756	0.325

परियोजना अधिशासी
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-02			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.900
2	08.04.2024	10:00 AM	0.12	1.420	0.007	7.083	0.612
3	08.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.388
4	08.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.298
5	08.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.222
6	08.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.108
7	08.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.069
8	08.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.108
9	08.04.2024	5:00 PM	0.08	1.420	0.003	2.570	0.222
10	08.04.2024	6:00 PM	0.10	1.420	0.004	4.490	0.388
11	08.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.492
12	08.04.2024	8:00 PM	0.14	1.420	0.010	10.414	0.900
13	08.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.748
14	08.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.298
15	08.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.108
16	08.04.2024	12:00 AM	0.05	1.420	0.001	0.794	0.069
17	09.04.2024	1:00 AM	0.03	1.420	0.000	0.221	0.019
18	09.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	09.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.001
20	09.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.001
21	09.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.019
22	09.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.222
23	09.04.2024	7:00 AM	0.13	1.420	0.009	8.653	0.748
24	09.04.2024	8:00 AM	0.14	1.420	0.010	10.414	0.900
			Average		**0.004**	**3.784**	**0.327**

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Govindpur Colony Drain -03		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.002	1.889	0.1632
2	Day 2	0.002	1.835	0.1585
3	Day 3	0.002	1.895	0.1637
4	Day 4	0.002	1.862	0.1608
5	Day 5	0.002	1.813	0.1566
6	Day 6	0.002	1.918	0.1657
7	Day 7	0.002	1.940	0.1676
AVERAGE		0.002	1.879	0.162

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-03			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.492
2	02.04.2024	10:00 AM	0.11	1.420	0.006	5.699	0.492
3	02.04.2024	11:00 AM	0.08	1.420	0.003	2.570	0.222
4	02.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.159
5	02.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.108
6	02.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.039
7	02.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.069
8	02.04.2024	4:00 PM	0.02	1.420	0.000	0.080	0.007
9	02.04.2024	5:00 PM	0.03	1.420	0.000	0.221	0.019
10	02.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.108
11	02.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.388
12	02.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.492
13	02.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.388
14	02.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.159
15	02.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.069
16	02.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.019
17	03.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.007
18	03.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	03.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.001
20	03.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.001
21	03.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.019
22	03.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.039
23	03.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.222
24	03.04.2024	8:00 AM	0.10	1.420	0.004	4.490	0.388
			Average		**0.002**	**1.889**	**0.163**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-03			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.492
2	03.04.2024	10:00 AM	0.09	1.420	0.003	3.451	0.298
3	03.04.2024	11:00 AM	0.09	1.420	0.003	3.451	0.298
4	03.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.159
5	03.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.108
6	03.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.039
7	03.04.2024	3:00 PM	0.04	1.420	0.000	0.454	0.039
8	03.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.069
9	03.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.069
10	03.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.108
11	03.04.2024	7:00 PM	0.09	1.420	0.003	3.451	0.298
12	03.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.492
13	03.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.492
14	03.04.2024	10:00 PM	0.08	1.420	0.003	2.570	0.222
15	03.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.069
16	03.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.019
17	04.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.007
18	04.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	04.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.001
20	04.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.001
21	04.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.019
22	04.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.039
23	04.04.2024	7:00 AM	0.07	1.420	0.002	1.841	0.159
24	04.04.2024	8:00 AM	0.09	1.420	0.003	3.451	0.298
			Average		**0.002**	**1.835**	**0.159**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-03			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.492
2	04.04.2024	10:00 AM	0.10	1.420	0.004	4.490	0.388
3	04.04.2024	11:00 AM	0.09	1.420	0.003	3.451	0.298
4	04.04.2024	12:00 PM	0.08	1.420	0.003	2.570	0.222
5	04.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.159
6	04.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.039
7	04.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.069
8	04.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.039
9	04.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.039
10	04.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.108
11	04.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.388
12	04.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.492
13	04.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.492
14	04.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.159
15	04.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.069
16	04.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.019
17	05.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.007
18	05.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	05.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.001
20	05.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.001
21	05.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.019
22	05.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.039
23	05.04.2024	7:00 AM	0.07	1.420	0.002	1.841	0.159
24	05.04.2024	8:00 AM	0.08	1.420	0.003	2.570	0.222
			Average		0.002	1.895	0.164

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-03			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.10	1.420	0.004	4.490	0.388
2	05.04.2024	10:00 AM	0.10	1.420	0.004	4.490	0.388
3	05.04.2024	11:00 AM	0.08	1.420	0.003	2.570	0.222
4	05.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.159
5	05.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.108
6	05.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.039
7	05.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.069
8	05.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.069
9	05.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.039
10	05.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.159
11	05.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.388
12	05.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.492
13	05.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.492
14	05.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.159
15	05.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.069
16	05.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.019
17	06.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.007
18	06.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	06.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.001
20	06.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.007
21	06.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.019
22	06.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.039
23	06.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.222
24	06.04.2024	8:00 AM	0.09	1.420	0.003	3.451	0.298
			Average		**0.002**	**1.862**	**0.161**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-03			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.492
2	06.04.2024	10:00 AM	0.11	1.420	0.006	5.699	0.492
3	06.04.2024	11:00 AM	0.08	1.420	0.003	2.570	0.222
4	06.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.159
5	06.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.108
6	06.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.039
7	06.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.069
8	06.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.039
9	06.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.069
10	06.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.108
11	06.04.2024	7:00 PM	0.09	1.420	0.003	3.451	0.298
12	06.04.2024	8:00 PM	0.10	1.420	0.004	4.490	0.388
13	06.04.2024	9:00 PM	0.10	1.420	0.004	4.490	0.388
14	06.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.159
15	06.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.069
16	06.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.019
17	07.04.2024	1:00 AM	0.03	1.420	0.000	0.221	0.019
18	07.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	07.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.007
20	07.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.001
21	07.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.019
22	07.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.039
23	07.04.2024	7:00 AM	0.07	1.420	0.002	1.841	0.159
24	07.04.2024	8:00 AM	0.10	1.420	0.004	4.490	0.388
			Average		0.002	1.813	0.157

पर्यावरण अभियन्ता
जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-03			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.492
2	07.04.2024	10:00 AM	0.10	1.420	0.004	4.490	0.388
3	07.04.2024	11:00 AM	0.09	1.420	0.003	3.451	0.298
4	07.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.159
5	07.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.108
6	07.04.2024	2:00 PM	0.04	1.420	0.000	0.454	0.039
7	07.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.069
8	07.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.039
9	07.04.2024	5:00 PM	0.03	1.420	0.000	0.221	0.019
10	07.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.108
11	07.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.388
12	07.04.2024	8:00 PM	0.10	1.420	0.004	4.490	0.388
13	07.04.2024	9:00 PM	0.11	1.420	0.006	5.699	0.492
14	07.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.159
15	07.04.2024	11:00 PM	0.04	1.420	0.000	0.454	0.039
16	07.04.2024	12:00 AM	0.04	1.420	0.000	0.454	0.039
17	08.04.2024	1:00 AM	0.03	1.420	0.000	0.221	0.019
18	08.04.2024	2:00 AM	0.03	1.420	0.000	0.221	0.019
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.001
20	08.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.001
21	08.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.019
22	08.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.039
23	08.04.2024	7:00 AM	0.07	1.420	0.002	1.841	0.159
24	08.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.492
			Average		**0.002**	**1.918**	**0.166**

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-03			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.11	1.420	0.006	5.699	0.492
2	08.04.2024	10:00 AM	0.11	1.420	0.006	5.699	0.492
3	08.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.388
4	08.04.2024	12:00 PM	0.07	1.420	0.002	1.841	0.159
5	08.04.2024	1:00 PM	0.06	1.420	0.001	1.252	0.108
6	08.04.2024	2:00 PM	0.05	1.420	0.001	0.794	0.069
7	08.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.069
8	08.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.039
9	08.04.2024	5:00 PM	0.04	1.420	0.000	0.454	0.039
10	08.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.159
11	08.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.388
12	08.04.2024	8:00 PM	0.11	1.420	0.006	5.699	0.492
13	08.04.2024	9:00 PM	0.09	1.420	0.003	3.451	0.298
14	08.04.2024	10:00 PM	0.07	1.420	0.002	1.841	0.159
15	08.04.2024	11:00 PM	0.05	1.420	0.001	0.794	0.069
16	08.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.019
17	09.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.007
18	09.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.007
19	09.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.001
20	09.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.001
21	09.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.007
22	09.04.2024	6:00 AM	0.04	1.420	0.000	0.454	0.039
23	09.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.222
24	09.04.2024	8:00 AM	0.09	1.420	0.003	3.451	0.298
			Average		**0.002**	**1.940**	**0.168**

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Govindpur Colony Drain No -04		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.003	3.149	0.2721
2	Day 2	0.003	3.088	0.2668
3	Day 3	0.003	2.961	0.2559
4	Day 4	0.003	3.270	0.2825
5	Day 5	0.003	3.161	0.2731
6	Day 6	0.003	3.201	0.2766
7	Day 7	0.003	3.136	0.2710
AVERAGE		0.003	3.138	0.271

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

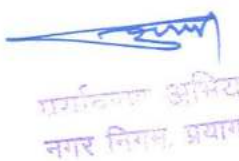
Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-04			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.8998
2	02.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	02.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	02.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	02.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.1591
6	02.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	02.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	02.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	02.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	02.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	02.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	02.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	02.04.2024	9:00 PM	0.12	1.420	0.007	7.083	0.6120
14	02.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	02.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	02.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	03.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	03.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	03.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	03.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	03.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	03.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	03.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	03.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		**0.003**	**3.149**	**0.272**

अधिशासी अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-04			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	03.04.2024	10:00 AM	0.12	1.420	0.007	7.083	0.6120
3	03.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	03.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	03.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.1591
6	03.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	03.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	03.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	03.04.2024	5:00 PM	0.07	1.420	0.002	1.841	0.1591
10	03.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	03.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	03.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	03.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	03.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	03.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	03.04.2024	12:00 AM	0.04	1.420	0.000	0.454	0.0393
17	04.04.2024	1:00 AM	0.03	1.420	0.000	0.221	0.0191
18	04.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	04.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	04.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	04.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.0069
22	04.04.2024	6:00 AM	0.05	1.420	0.001	0.794	0.0686
23	04.04.2024	7:00 AM	0.11	1.420	0.006	5.699	0.4924
24	04.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		**0.003**	**3.088**	**0.267**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-04			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.12	1.420	0.007	7.083	0.6120
2	04.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	04.04.2024	11:00 AM	0.10	1.420	0.004	4.490	0.3880
4	04.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	04.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.1591
6	04.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	04.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	04.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	04.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	04.04.2024	6:00 PM	0.06	1.420	0.001	1.252	0.1082
11	04.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	04.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	04.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	04.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	04.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	04.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	05.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	05.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	05.04.2024	3:00 AM	0.02	1.420	0.000	0.080	0.0069
20	05.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	05.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.0069
22	05.04.2024	6:00 AM	0.08	1.420	0.003	2.570	0.2221
23	05.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	05.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		0.003	2.961	0.256



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-04			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.8998
2	05.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	05.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	05.04.2024	12:00 PM	0.10	1.420	0.004	4.490	0.3880
5	05.04.2024	1:00 PM	0.09	1.420	0.003	3.451	0.2981
6	05.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	05.04.2024	3:00 PM	0.07	1.420	0.002	1.841	0.1591
8	05.04.2024	4:00 PM	0.04	1.420	0.000	0.454	0.0393
9	05.04.2024	5:00 PM	0.05	1.420	0.001	0.794	0.0686
10	05.04.2024	6:00 PM	0.08	1.420	0.003	2.570	0.2221
11	05.04.2024	7:00 PM	0.11	1.420	0.006	5.699	0.4924
12	05.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	05.04.2024	9:00 PM	0.12	1.420	0.007	7.083	0.6120
14	05.04.2024	10:00 PM	0.09	1.420	0.003	3.451	0.2981
15	05.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	05.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	06.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	06.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	06.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	06.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	06.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	06.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	06.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	06.04.2024	8:00 AM	0.11	1.420	0.006	5.699	0.4924
			Average		**0.003**	**3.270**	**0.283**

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-04			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	06.04.2024	10:00 AM	0.13	1.420	0.009	8.653	0.7476
3	06.04.2024	11:00 AM	0.12	1.420	0.007	7.083	0.6120
4	06.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	06.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.1591
6	06.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	06.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	06.04.2024	4:00 PM	0.06	1.420	0.001	1.252	0.1082
9	06.04.2024	5:00 PM	0.07	1.420	0.002	1.841	0.1591
10	06.04.2024	6:00 PM	0.08	1.420	0.003	2.570	0.2221
11	06.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	06.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	06.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	06.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	06.04.2024	11:00 PM	0.06	1.420	0.001	1.252	0.1082
16	06.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	07.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	07.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	07.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	07.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	07.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.0069
22	07.04.2024	6:00 AM	0.05	1.420	0.001	0.794	0.0686
23	07.04.2024	7:00 AM	0.08	1.420	0.003	2.570	0.2221
24	07.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		**0.003**	**3.161**	**0.273**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-04			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.14	1.420	0.010	10.414	0.8998
2	07.04.2024	10:00 AM	0.12	1.420	0.007	7.083	0.6120
3	07.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	07.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	07.04.2024	1:00 PM	0.07	1.420	0.002	1.841	0.1591
6	07.04.2024	2:00 PM	0.06	1.420	0.001	1.252	0.1082
7	07.04.2024	3:00 PM	0.05	1.420	0.001	0.794	0.0686
8	07.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	07.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	07.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	07.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	07.04.2024	8:00 PM	0.13	1.420	0.009	8.653	0.7476
13	07.04.2024	9:00 PM	0.12	1.420	0.007	7.083	0.6120
14	07.04.2024	10:00 PM	0.10	1.420	0.004	4.490	0.3880
15	07.04.2024	11:00 PM	0.07	1.420	0.002	1.841	0.1591
16	07.04.2024	12:00 AM	0.04	1.420	0.000	0.454	0.0393
17	08.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	08.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	08.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	08.04.2024	4:00 AM	0.01	1.420	0.000	0.014	0.0012
21	08.04.2024	5:00 AM	0.03	1.420	0.000	0.221	0.0191
22	08.04.2024	6:00 AM	0.07	1.420	0.002	1.841	0.1591
23	08.04.2024	7:00 AM	0.10	1.420	0.004	4.490	0.3880
24	08.04.2024	8:00 AM	0.13	1.420	0.009	8.653	0.7476
			Average		0.003	3.201	0.277

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Govindpur Colony Drain No-04			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.13	1.420	0.009	8.653	0.7476
2	08.04.2024	10:00 AM	0.12	1.420	0.007	7.083	0.6120
3	08.04.2024	11:00 AM	0.11	1.420	0.006	5.699	0.4924
4	08.04.2024	12:00 PM	0.09	1.420	0.003	3.451	0.2981
5	08.04.2024	1:00 PM	0.08	1.420	0.003	2.570	0.2221
6	08.04.2024	2:00 PM	0.07	1.420	0.002	1.841	0.1591
7	08.04.2024	3:00 PM	0.06	1.420	0.001	1.252	0.1082
8	08.04.2024	4:00 PM	0.05	1.420	0.001	0.794	0.0686
9	08.04.2024	5:00 PM	0.06	1.420	0.001	1.252	0.1082
10	08.04.2024	6:00 PM	0.07	1.420	0.002	1.841	0.1591
11	08.04.2024	7:00 PM	0.10	1.420	0.004	4.490	0.3880
12	08.04.2024	8:00 PM	0.12	1.420	0.007	7.083	0.6120
13	08.04.2024	9:00 PM	0.13	1.420	0.009	8.653	0.7476
14	08.04.2024	10:00 PM	0.11	1.420	0.006	5.699	0.4924
15	08.04.2024	11:00 PM	0.08	1.420	0.003	2.570	0.2221
16	08.04.2024	12:00 AM	0.03	1.420	0.000	0.221	0.0191
17	09.04.2024	1:00 AM	0.02	1.420	0.000	0.080	0.0069
18	09.04.2024	2:00 AM	0.02	1.420	0.000	0.080	0.0069
19	09.04.2024	3:00 AM	0.01	1.420	0.000	0.014	0.0012
20	09.04.2024	4:00 AM	0.02	1.420	0.000	0.080	0.0069
21	09.04.2024	5:00 AM	0.02	1.420	0.000	0.080	0.0069
22	09.04.2024	6:00 AM	0.06	1.420	0.001	1.252	0.1082
23	09.04.2024	7:00 AM	0.09	1.420	0.003	3.451	0.2981
24	09.04.2024	8:00 AM	0.12	1.420	0.007	7.083	0.6120
			Average		0.003	3.136	0.271

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Jondhwal Drain		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.078	78.139	6.751
2	Day 2	0.078	78.416	6.775
3	Day 3	0.079	78.703	6.800
4	Day 4	0.078	78.182	6.755
5	Day 5	0.078	78.210	6.757
6	Day 6	0.078	78.218	6.758
7	Day 7	0.077	77.285	6.677
AVERAGE		0.078	78.164	6.753

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jondhwal Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.50	1.420	0.251	251.023	21.688
2	02.04.2024	10:00 AM	0.44	1.420	0.182	182.356	15.756
3	02.04.2024	11:00 AM	0.39	1.420	0.135	134.881	11.654
4	02.04.2024	12:00 PM	0.30	1.420	0.070	69.999	6.048
5	02.04.2024	1:00 PM	0.27	1.420	0.054	53.790	4.647
6	02.04.2024	2:00 PM	0.25	1.420	0.044	44.375	3.834
7	02.04.2024	3:00 PM	0.22	1.420	0.032	32.236	2.785
8	02.04.2024	4:00 PM	0.24	1.420	0.040	40.070	3.462
9	02.04.2024	5:00 PM	0.27	1.420	0.054	53.790	4.647
10	02.04.2024	6:00 PM	0.30	1.420	0.070	69.999	6.048
11	02.04.2024	7:00 PM	0.32	1.420	0.082	82.255	7.107
12	02.04.2024	8:00 PM	0.46	1.420	0.204	203.790	17.607
13	02.04.2024	9:00 PM	0.47	1.420	0.215	215.047	18.580
14	02.04.2024	10:00 PM	0.38	1.420	0.126	126.400	10.921
15	02.04.2024	11:00 PM	0.27	1.420	0.054	53.790	4.647
16	02.04.2024	12:00 AM	0.22	1.420	0.032	32.236	2.785
17	03.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	03.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	03.04.2024	3:00 AM	0.10	1.420	0.004	4.490	0.388
20	03.04.2024	4:00 AM	0.10	1.420	0.004	4.490	0.388
21	03.04.2024	5:00 AM	0.17	1.420	0.017	16.920	1.462
22	03.04.2024	6:00 AM	0.20	1.420	0.025	25.402	2.195
23	03.04.2024	7:00 AM	0.25	1.420	0.044	44.375	3.834
24	03.04.2024	8:00 AM	0.36	1.420	0.110	110.419	9.540
			Average		0.078	78.139	6.751

परियोजना अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jondhwal Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.45	1.420	0.193	192.894	16.666
2	03.04.2024	10:00 AM	0.42	1.420	0.162	162.335	14.026
3	03.04.2024	11:00 AM	0.35	1.420	0.103	102.910	8.891
4	03.04.2024	12:00 PM	0.30	1.420	0.070	69.999	6.048
5	03.04.2024	1:00 PM	0.27	1.420	0.054	53.790	4.647
6	03.04.2024	2:00 PM	0.25	1.420	0.044	44.375	3.834
7	03.04.2024	3:00 PM	0.22	1.420	0.032	32.236	2.785
8	03.04.2024	4:00 PM	0.24	1.420	0.040	40.070	3.462
9	03.04.2024	5:00 PM	0.27	1.420	0.054	53.790	4.647
10	03.04.2024	6:00 PM	0.30	1.420	0.070	69.999	6.048
11	03.04.2024	7:00 PM	0.38	1.420	0.126	126.400	10.921
12	03.04.2024	8:00 PM	0.45	1.420	0.193	192.894	16.666
13	03.04.2024	9:00 PM	0.49	1.420	0.239	238.659	20.620
14	03.04.2024	10:00 PM	0.38	1.420	0.126	126.400	10.921
15	03.04.2024	11:00 PM	0.30	1.420	0.070	69.999	6.048
16	03.04.2024	12:00 AM	0.25	1.420	0.044	44.375	3.834
17	04.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	04.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	04.04.2024	3:00 AM	0.12	1.420	0.007	7.083	0.612
20	04.04.2024	4:00 AM	0.11	1.420	0.006	5.699	0.492
21	04.04.2024	5:00 AM	0.17	1.420	0.017	16.920	1.462
22	04.04.2024	6:00 AM	0.20	1.420	0.025	25.402	2.195
23	04.04.2024	7:00 AM	0.29	1.420	0.064	64.311	5.556
24	04.04.2024	8:00 AM	0.37	1.420	0.118	118.248	10.217
			Average		0.078	78.416	6.775

परियोजना अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jondhwal Drain			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.46	1.420	0.204	203.790	17.607
2	04.04.2024	10:00 AM	0.45	1.420	0.193	192.894	16.666
3	04.04.2024	11:00 AM	0.36	1.420	0.110	110.419	9.540
4	04.04.2024	12:00 PM	0.30	1.420	0.070	69.999	6.048
5	04.04.2024	1:00 PM	0.27	1.420	0.054	53.790	4.647
6	04.04.2024	2:00 PM	0.25	1.420	0.044	44.375	3.834
7	04.04.2024	3:00 PM	0.22	1.420	0.032	32.236	2.785
8	04.04.2024	4:00 PM	0.24	1.420	0.040	40.070	3.462
9	04.04.2024	5:00 PM	0.26	1.420	0.049	48.947	4.229
10	04.04.2024	6:00 PM	0.30	1.420	0.070	69.999	6.048
11	04.04.2024	7:00 PM	0.36	1.420	0.110	110.419	9.540
12	04.04.2024	8:00 PM	0.46	1.420	0.204	203.790	17.607
13	04.04.2024	9:00 PM	0.47	1.420	0.215	215.047	18.580
14	04.04.2024	10:00 PM	0.40	1.420	0.144	143.694	12.415
15	04.04.2024	11:00 PM	0.27	1.420	0.054	53.790	4.647
16	04.04.2024	12:00 AM	0.22	1.420	0.032	32.236	2.785
17	05.04.2024	1:00 AM	0.17	1.420	0.017	16.920	1.462
18	05.04.2024	2:00 AM	0.15	1.420	0.012	12.374	1.069
19	05.04.2024	3:00 AM	0.11	1.420	0.006	5.699	0.492
20	05.04.2024	4:00 AM	0.10	1.420	0.004	4.490	0.388
21	05.04.2024	5:00 AM	0.17	1.420	0.017	16.920	1.462
22	05.04.2024	6:00 AM	0.22	1.420	0.032	32.236	2.785
23	05.04.2024	7:00 AM	0.29	1.420	0.064	64.311	5.556
24	05.04.2024	8:00 AM	0.36	1.420	0.110	110.419	9.540
			Average		0.079	78.703	6.800

कार्यालय अधिशासी
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jondhwal Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.48	1.420	0.227	226.669	19.584
2	05.04.2024	10:00 AM	0.41	1.420	0.153	152.844	13.206
3	05.04.2024	11:00 AM	0.36	1.420	0.110	110.419	9.540
4	05.04.2024	12:00 PM	0.31	1.420	0.076	75.979	6.565
5	05.04.2024	1:00 PM	0.27	1.420	0.054	53.790	4.647
6	05.04.2024	2:00 PM	0.25	1.420	0.044	44.375	3.834
7	05.04.2024	3:00 PM	0.22	1.420	0.032	32.236	2.785
8	05.04.2024	4:00 PM	0.24	1.420	0.040	40.070	3.462
9	05.04.2024	5:00 PM	0.27	1.420	0.054	53.790	4.647
10	05.04.2024	6:00 PM	0.30	1.420	0.070	69.999	6.048
11	05.04.2024	7:00 PM	0.35	1.420	0.103	102.910	8.891
12	05.04.2024	8:00 PM	0.48	1.420	0.227	226.669	19.584
13	05.04.2024	9:00 PM	0.47	1.420	0.215	215.047	18.580
14	05.04.2024	10:00 PM	0.38	1.420	0.126	126.400	10.921
15	05.04.2024	11:00 PM	0.29	1.420	0.064	64.311	5.556
16	05.04.2024	12:00 AM	0.22	1.420	0.032	32.236	2.785
17	06.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	06.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	06.04.2024	3:00 AM	0.10	1.420	0.004	4.490	0.388
20	06.04.2024	4:00 AM	0.11	1.420	0.006	5.699	0.492
21	06.04.2024	5:00 AM	0.17	1.420	0.017	16.920	1.462
22	06.04.2024	6:00 AM	0.20	1.420	0.025	25.402	2.195
23	06.04.2024	7:00 AM	0.30	1.420	0.070	69.999	6.048
24	06.04.2024	8:00 AM	0.35	1.420	0.103	102.910	8.891
			Average		0.078	78.182	6.755

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jondhwal Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.46	1.420	0.204	203.790	17.607
2	06.04.2024	10:00 AM	0.45	1.420	0.193	192.894	16.666
3	06.04.2024	11:00 AM	0.34	1.420	0.096	95.716	8.270
4	06.04.2024	12:00 PM	0.31	1.420	0.076	75.979	6.565
5	06.04.2024	1:00 PM	0.29	1.420	0.064	64.311	5.556
6	06.04.2024	2:00 PM	0.25	1.420	0.044	44.375	3.834
7	06.04.2024	3:00 PM	0.22	1.420	0.032	32.236	2.785
8	06.04.2024	4:00 PM	0.26	1.420	0.049	48.947	4.229
9	06.04.2024	5:00 PM	0.27	1.420	0.054	53.790	4.647
10	06.04.2024	6:00 PM	0.29	1.420	0.064	64.311	5.556
11	06.04.2024	7:00 PM	0.33	1.420	0.089	88.833	7.675
12	06.04.2024	8:00 PM	0.42	1.420	0.162	162.335	14.026
13	06.04.2024	9:00 PM	0.47	1.420	0.215	215.047	18.580
14	06.04.2024	10:00 PM	0.43	1.420	0.172	172.171	14.876
15	06.04.2024	11:00 PM	0.27	1.420	0.054	53.790	4.647
16	06.04.2024	12:00 AM	0.22	1.420	0.032	32.236	2.785
17	07.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	07.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	07.04.2024	3:00 AM	0.12	1.420	0.007	7.083	0.612
20	07.04.2024	4:00 AM	0.10	1.420	0.004	4.490	0.388
21	07.04.2024	5:00 AM	0.17	1.420	0.017	16.920	1.462
22	07.04.2024	6:00 AM	0.20	1.420	0.025	25.402	2.195
23	07.04.2024	7:00 AM	0.29	1.420	0.064	64.311	5.556
24	07.04.2024	8:00 AM	0.39	1.420	0.135	134.881	11.654
			Average		0.078	78.210	6.757

पर्यावरण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jondhwal Drain			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.48	1.420	0.227	226.669	19.584
2	07.04.2024	10:00 AM	0.46	1.420	0.204	203.790	17.607
3	07.04.2024	11:00 AM	0.37	1.420	0.118	118.248	10.217
4	07.04.2024	12:00 PM	0.30	1.420	0.070	69.999	6.048
5	07.04.2024	1:00 PM	0.28	1.420	0.059	58.909	5.090
6	07.04.2024	2:00 PM	0.25	1.420	0.044	44.375	3.834
7	07.04.2024	3:00 PM	0.22	1.420	0.032	32.236	2.785
8	07.04.2024	4:00 PM	0.27	1.420	0.054	53.790	4.647
9	07.04.2024	5:00 PM	0.27	1.420	0.054	53.790	4.647
10	07.04.2024	6:00 PM	0.30	1.420	0.070	69.999	6.048
11	07.04.2024	7:00 PM	0.36	1.420	0.110	110.419	9.540
12	07.04.2024	8:00 PM	0.44	1.420	0.182	182.356	15.756
13	07.04.2024	9:00 PM	0.47	1.420	0.215	215.047	18.580
14	07.04.2024	10:00 PM	0.38	1.420	0.126	126.400	10.921
15	07.04.2024	11:00 PM	0.27	1.420	0.054	53.790	4.647
16	07.04.2024	12:00 AM	0.22	1.420	0.032	32.236	2.785
17	08.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	08.04.2024	2:00 AM	0.12	1.420	0.007	7.083	0.612
19	08.04.2024	3:00 AM	0.10	1.420	0.004	4.490	0.388
20	08.04.2024	4:00 AM	0.10	1.420	0.004	4.490	0.388
21	08.04.2024	5:00 AM	0.16	1.420	0.015	14.541	1.256
22	08.04.2024	6:00 AM	0.20	1.420	0.025	25.402	2.195
23	08.04.2024	7:00 AM	0.28	1.420	0.059	58.909	5.090
24	08.04.2024	8:00 AM	0.34	1.420	0.096	95.716	8.270
			Average		0.078	78.218	6.758

सहायक अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jondhwal Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.50	1.420	0.251	251.023	21.688
2	08.04.2024	10:00 AM	0.47	1.420	0.215	215.047	18.580
3	08.04.2024	11:00 AM	0.41	1.420	0.153	152.844	13.206
4	08.04.2024	12:00 PM	0.32	1.420	0.082	82.255	7.107
5	08.04.2024	1:00 PM	0.27	1.420	0.054	53.790	4.647
6	08.04.2024	2:00 PM	0.25	1.420	0.044	44.375	3.834
7	08.04.2024	3:00 PM	0.22	1.420	0.032	32.236	2.785
8	08.04.2024	4:00 PM	0.21	1.420	0.029	28.697	2.479
9	08.04.2024	5:00 PM	0.27	1.420	0.054	53.790	4.647
10	08.04.2024	6:00 PM	0.30	1.420	0.070	69.999	6.048
11	08.04.2024	7:00 PM	0.33	1.420	0.089	88.833	7.675
12	08.04.2024	8:00 PM	0.43	1.420	0.172	172.171	14.876
13	08.04.2024	9:00 PM	0.42	1.420	0.162	162.335	14.026
14	08.04.2024	10:00 PM	0.38	1.420	0.126	126.400	10.921
15	08.04.2024	11:00 PM	0.27	1.420	0.054	53.790	4.647
16	08.04.2024	12:00 AM	0.22	1.420	0.032	32.236	2.785
17	09.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	09.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	09.04.2024	3:00 AM	0.10	1.420	0.004	4.490	0.388
20	09.04.2024	4:00 AM	0.12	1.420	0.007	7.083	0.612
21	09.04.2024	5:00 AM	0.17	1.420	0.017	16.920	1.462
22	09.04.2024	6:00 AM	0.21	1.420	0.029	28.697	2.479
23	09.04.2024	7:00 AM	0.28	1.420	0.059	58.909	5.090
24	09.04.2024	8:00 AM	0.34	1.420	0.096	95.716	8.270
			Average		0.077	77.285	6.677

नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Shankarghat Drain No- 1		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.005	5.149	0.445
2	Day 2	0.005	5.208	0.450
3	Day 3	0.005	5.024	0.434
4	Day 4	0.005	5.102	0.441
5	Day 5	0.005	5.223	0.451
6	Day 6	0.005	5.186	0.448
7	Day 7	0.005	5.058	0.437
AVERAGE		0.005	5.136	0.444

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain -1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.17	1.420	0.01692	16.920	1.462
2	02.04.2024	10:00 AM	0.15	1.420	0.01237	12.374	1.069
3	02.04.2024	11:00 AM	0.14	1.420	0.01041	10.414	0.900
4	02.04.2024	12:00 PM	0.12	1.420	0.00708	7.083	0.612
5	02.04.2024	1:00 PM	0.10	1.420	0.00449	4.490	0.388
6	02.04.2024	2:00 PM	0.08	1.420	0.00257	2.570	0.222
7	02.04.2024	3:00 PM	0.06	1.420	0.00125	1.252	0.108
8	02.04.2024	4:00 PM	0.05	1.420	0.00079	0.794	0.069
9	02.04.2024	5:00 PM	0.08	1.420	0.00257	2.570	0.222
10	02.04.2024	6:00 PM	0.09	1.420	0.00345	3.451	0.298
11	02.04.2024	7:00 PM	0.11	1.420	0.00570	5.699	0.492
12	02.04.2024	8:00 PM	0.15	1.420	0.01237	12.374	1.069
13	02.04.2024	9:00 PM	0.16	1.420	0.01454	14.541	1.256
14	02.04.2024	10:00 PM	0.10	1.420	0.00449	4.490	0.388
15	02.04.2024	11:00 PM	0.08	1.420	0.00257	2.570	0.222
16	02.04.2024	12:00 AM	0.06	1.420	0.00125	1.252	0.108
17	03.04.2024	1:00 AM	0.03	1.420	0.00022	0.221	0.019
18	03.04.2024	2:00 AM	0.03	1.420	0.00022	0.221	0.019
19	03.04.2024	3:00 AM	0.02	1.420	0.00008	0.080	0.007
20	03.04.2024	4:00 AM	0.02	1.420	0.00008	0.080	0.007
21	03.04.2024	5:00 AM	0.05	1.420	0.00079	0.794	0.069
22	03.04.2024	6:00 AM	0.07	1.420	0.00184	1.841	0.159
23	03.04.2024	7:00 AM	0.12	1.420	0.00708	7.083	0.612
24	03.04.2024	8:00 AM	0.14	1.420	0.01041	10.414	0.900
			Average		0.005	5.149	0.445

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain -1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.16	1.420	0.01454	14.541	1.256
2	03.04.2024	10:00 AM	0.15	1.420	0.01237	12.374	1.069
3	03.04.2024	11:00 AM	0.14	1.420	0.01041	10.414	0.900
4	03.04.2024	12:00 PM	0.12	1.420	0.00708	7.083	0.612
5	03.04.2024	1:00 PM	0.10	1.420	0.00449	4.490	0.388
6	03.04.2024	2:00 PM	0.08	1.420	0.00257	2.570	0.222
7	03.04.2024	3:00 PM	0.07	1.420	0.00184	1.841	0.159
8	03.04.2024	4:00 PM	0.06	1.420	0.00125	1.252	0.108
9	03.04.2024	5:00 PM	0.08	1.420	0.00257	2.570	0.222
10	03.04.2024	6:00 PM	0.09	1.420	0.00345	3.451	0.298
11	03.04.2024	7:00 PM	0.12	1.420	0.00708	7.083	0.612
12	03.04.2024	8:00 PM	0.16	1.420	0.01454	14.541	1.256
13	03.04.2024	9:00 PM	0.16	1.420	0.01454	14.541	1.256
14	03.04.2024	10:00 PM	0.10	1.420	0.00449	4.490	0.388
15	03.04.2024	11:00 PM	0.08	1.420	0.00257	2.570	0.222
16	03.04.2024	12:00 AM	0.06	1.420	0.00125	1.252	0.108
17	04.04.2024	1:00 AM	0.04	1.420	0.00045	0.454	0.039
18	04.04.2024	2:00 AM	0.03	1.420	0.00022	0.221	0.019
19	04.04.2024	3:00 AM	0.02	1.420	0.00008	0.080	0.007
20	04.04.2024	4:00 AM	0.02	1.420	0.00008	0.080	0.007
21	04.04.2024	5:00 AM	0.05	1.420	0.00079	0.794	0.069
22	04.04.2024	6:00 AM	0.08	1.420	0.00257	2.570	0.222
23	04.04.2024	7:00 AM	0.12	1.420	0.00708	7.083	0.612
24	04.04.2024	8:00 AM	0.13	1.420	0.00865	8.653	0.748
			Average		0.005	5.208	0.450

अधिशासी अभियन्ता
नगर निगम, प्रयागराज

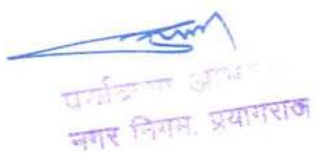
Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain -1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.16	1.420	0.01454	14.541	1.256
2	04.04.2024	10:00 AM	0.15	1.420	0.01237	12.374	1.069
3	04.04.2024	11:00 AM	0.14	1.420	0.01041	10.414	0.900
4	04.04.2024	12:00 PM	0.11	1.420	0.00570	5.699	0.492
5	04.04.2024	1:00 PM	0.10	1.420	0.00449	4.490	0.388
6	04.04.2024	2:00 PM	0.09	1.420	0.00345	3.451	0.298
7	04.04.2024	3:00 PM	0.06	1.420	0.00125	1.252	0.108
8	04.04.2024	4:00 PM	0.05	1.420	0.00079	0.794	0.069
9	04.04.2024	5:00 PM	0.08	1.420	0.00257	2.570	0.222
10	04.04.2024	6:00 PM	0.10	1.420	0.00449	4.490	0.388
11	04.04.2024	7:00 PM	0.11	1.420	0.00570	5.699	0.492
12	04.04.2024	8:00 PM	0.15	1.420	0.01237	12.374	1.069
13	04.04.2024	9:00 PM	0.16	1.420	0.01454	14.541	1.256
14	04.04.2024	10:00 PM	0.10	1.420	0.00449	4.490	0.388
15	04.04.2024	11:00 PM	0.08	1.420	0.00257	2.570	0.222
16	04.04.2024	12:00 AM	0.06	1.420	0.00125	1.252	0.108
17	05.04.2024	1:00 AM	0.04	1.420	0.00045	0.454	0.039
18	05.04.2024	2:00 AM	0.03	1.420	0.00022	0.221	0.019
19	05.04.2024	3:00 AM	0.02	1.420	0.00008	0.080	0.007
20	05.04.2024	4:00 AM	0.02	1.420	0.00008	0.080	0.007
21	05.04.2024	5:00 AM	0.05	1.420	0.00079	0.794	0.069
22	05.04.2024	6:00 AM	0.07	1.420	0.00184	1.841	0.159
23	05.04.2024	7:00 AM	0.11	1.420	0.00570	5.699	0.492
24	05.04.2024	8:00 AM	0.14	1.420	0.01041	10.414	0.900
			Average		0.005	5.024	0.434

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain -1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.16	1.420	0.01454	14.541	1.256
2	05.04.2024	10:00 AM	0.16	1.420	0.01454	14.541	1.256
3	05.04.2024	11:00 AM	0.13	1.420	0.00865	8.653	0.748
4	05.04.2024	12:00 PM	0.11	1.420	0.00570	5.699	0.492
5	05.04.2024	1:00 PM	0.10	1.420	0.00449	4.490	0.388
6	05.04.2024	2:00 PM	0.08	1.420	0.00257	2.570	0.222
7	05.04.2024	3:00 PM	0.06	1.420	0.00125	1.252	0.108
8	05.04.2024	4:00 PM	0.06	1.420	0.00125	1.252	0.108
9	05.04.2024	5:00 PM	0.08	1.420	0.00257	2.570	0.222
10	05.04.2024	6:00 PM	0.10	1.420	0.00449	4.490	0.388
11	05.04.2024	7:00 PM	0.11	1.420	0.00570	5.699	0.492
12	05.04.2024	8:00 PM	0.15	1.420	0.01237	12.374	1.069
13	05.04.2024	9:00 PM	0.16	1.420	0.01454	14.541	1.256
14	05.04.2024	10:00 PM	0.10	1.420	0.00449	4.490	0.388
15	05.04.2024	11:00 PM	0.08	1.420	0.00257	2.570	0.222
16	05.04.2024	12:00 AM	0.06	1.420	0.00125	1.252	0.108
17	06.04.2024	1:00 AM	0.03	1.420	0.00022	0.221	0.019
18	06.04.2024	2:00 AM	0.03	1.420	0.00022	0.221	0.019
19	06.04.2024	3:00 AM	0.02	1.420	0.00008	0.080	0.007
20	06.04.2024	4:00 AM	0.02	1.420	0.00008	0.080	0.007
21	06.04.2024	5:00 AM	0.05	1.420	0.00079	0.794	0.069
22	06.04.2024	6:00 AM	0.08	1.420	0.00257	2.570	0.222
23	06.04.2024	7:00 AM	0.12	1.420	0.00708	7.083	0.612
24	06.04.2024	8:00 AM	0.14	1.420	0.01041	10.414	0.900
			Average		0.005	5.102	0.441

पर्यवेक्षण अभि...
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain -1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.16	1.420	0.01454	14.541	1.256
2	06.04.2024	10:00 AM	0.15	1.420	0.01237	12.374	1.069
3	06.04.2024	11:00 AM	0.14	1.420	0.01041	10.414	0.900
4	06.04.2024	12:00 PM	0.12	1.420	0.00708	7.083	0.612
5	06.04.2024	1:00 PM	0.10	1.420	0.00449	4.490	0.388
6	06.04.2024	2:00 PM	0.09	1.420	0.00345	3.451	0.298
7	06.04.2024	3:00 PM	0.06	1.420	0.00125	1.252	0.108
8	06.04.2024	4:00 PM	0.05	1.420	0.00079	0.794	0.069
9	06.04.2024	5:00 PM	0.08	1.420	0.00257	2.570	0.222
10	06.04.2024	6:00 PM	0.09	1.420	0.00345	3.451	0.298
11	06.04.2024	7:00 PM	0.11	1.420	0.00570	5.699	0.492
12	06.04.2024	8:00 PM	0.16	1.420	0.01454	14.541	1.256
13	06.04.2024	9:00 PM	0.16	1.420	0.01454	14.541	1.256
14	06.04.2024	10:00 PM	0.12	1.420	0.00708	7.083	0.612
15	06.04.2024	11:00 PM	0.08	1.420	0.00257	2.570	0.222
16	06.04.2024	12:00 AM	0.06	1.420	0.00125	1.252	0.108
17	07.04.2024	1:00 AM	0.04	1.420	0.00045	0.454	0.039
18	07.04.2024	2:00 AM	0.03	1.420	0.00022	0.221	0.019
19	07.04.2024	3:00 AM	0.02	1.420	0.00008	0.080	0.007
20	07.04.2024	4:00 AM	0.02	1.420	0.00008	0.080	0.007
21	07.04.2024	5:00 AM	0.04	1.420	0.00045	0.454	0.039
22	07.04.2024	6:00 AM	0.07	1.420	0.00184	1.841	0.159
23	07.04.2024	7:00 AM	0.11	1.420	0.00570	5.699	0.492
24	07.04.2024	8:00 AM	0.14	1.420	0.01041	10.414	0.900
			Average		0.005	5.223	0.451



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain -1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.15	1.420	0.01237	12.374	1.069
2	07.04.2024	10:00 AM	0.15	1.420	0.01237	12.374	1.069
3	07.04.2024	11:00 AM	0.13	1.420	0.00865	8.653	0.748
4	07.04.2024	12:00 PM	0.12	1.420	0.00708	7.083	0.612
5	07.04.2024	1:00 PM	0.10	1.420	0.00449	4.490	0.388
6	07.04.2024	2:00 PM	0.08	1.420	0.00257	2.570	0.222
7	07.04.2024	3:00 PM	0.07	1.420	0.00184	1.841	0.159
8	07.04.2024	4:00 PM	0.06	1.420	0.00125	1.252	0.108
9	07.04.2024	5:00 PM	0.08	1.420	0.00257	2.570	0.222
10	07.04.2024	6:00 PM	0.09	1.420	0.00345	3.451	0.298
11	07.04.2024	7:00 PM	0.11	1.420	0.00570	5.699	0.492
12	07.04.2024	8:00 PM	0.15	1.420	0.01237	12.374	1.069
13	07.04.2024	9:00 PM	0.16	1.420	0.01454	14.541	1.256
14	07.04.2024	10:00 PM	0.12	1.420	0.00708	7.083	0.612
15	07.04.2024	11:00 PM	0.10	1.420	0.00449	4.490	0.388
16	07.04.2024	12:00 AM	0.07	1.420	0.00184	1.841	0.159
17	08.04.2024	1:00 AM	0.06	1.420	0.00125	1.252	0.108
18	08.04.2024	2:00 AM	0.03	1.420	0.00022	0.221	0.019
19	08.04.2024	3:00 AM	0.02	1.420	0.00008	0.080	0.007
20	08.04.2024	4:00 AM	0.02	1.420	0.00008	0.080	0.007
21	08.04.2024	5:00 AM	0.05	1.420	0.00079	0.794	0.069
22	08.04.2024	6:00 AM	0.07	1.420	0.00184	1.841	0.159
23	08.04.2024	7:00 AM	0.12	1.420	0.00708	7.083	0.612
24	08.04.2024	8:00 AM	0.14	1.420	0.01041	10.414	0.900
			Average		**0.005**	**5.186**	**0.448**

पर्यवेक्षण अभियन्ता
जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain -1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.15	1.420	0.01237	12.374	1.069
2	08.04.2024	10:00 AM	0.15	1.420	0.01237	12.374	1.069
3	08.04.2024	11:00 AM	0.14	1.420	0.01041	10.414	0.900
4	08.04.2024	12:00 PM	0.12	1.420	0.00708	7.083	0.612
5	08.04.2024	1:00 PM	0.10	1.420	0.00449	4.490	0.388
6	08.04.2024	2:00 PM	0.08	1.420	0.00257	2.570	0.222
7	08.04.2024	3:00 PM	0.07	1.420	0.00184	1.841	0.159
8	08.04.2024	4:00 PM	0.07	1.420	0.00184	1.841	0.159
9	08.04.2024	5:00 PM	0.08	1.420	0.00257	2.570	0.222
10	08.04.2024	6:00 PM	0.09	1.420	0.00345	3.451	0.298
11	08.04.2024	7:00 PM	0.11	1.420	0.00570	5.699	0.492
12	08.04.2024	8:00 PM	0.15	1.420	0.01237	12.374	1.069
13	08.04.2024	9:00 PM	0.16	1.420	0.01454	14.541	1.256
14	08.04.2024	10:00 PM	0.10	1.420	0.00449	4.490	0.388
15	08.04.2024	11:00 PM	0.08	1.420	0.00257	2.570	0.222
16	08.04.2024	12:00 AM	0.06	1.420	0.00125	1.252	0.108
17	09.04.2024	1:00 AM	0.03	1.420	0.00022	0.221	0.019
18	09.04.2024	2:00 AM	0.03	1.420	0.00022	0.221	0.019
19	09.04.2024	3:00 AM	0.02	1.420	0.00008	0.080	0.007
20	09.04.2024	4:00 AM	0.02	1.420	0.00008	0.080	0.007
21	09.04.2024	5:00 AM	0.05	1.420	0.00079	0.794	0.069
22	09.04.2024	6:00 AM	0.08	1.420	0.00257	2.570	0.222
23	09.04.2024	7:00 AM	0.12	1.420	0.00708	7.083	0.612
24	09.04.2024	8:00 AM	0.14	1.420	0.01041	10.414	0.900
			Average		0.005	5.058	0.437

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Shankarghat Drain No-2		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.011	10.932	0.945
2	Day 2	0.011	10.897	0.942
3	Day 3	0.011	10.755	0.929
4	Day 4	0.011	11.207	0.968
5	Day 5	0.011	11.162	0.964
6	Day 6	0.011	10.798	0.933
7	Day 7	0.011	10.870	0.939
AVERAGE		0.011	10.946	0.946



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.22	1.420	0.032	32.236	2.785
2	02.04.2024	10:00 AM	0.21	1.420	0.029	28.697	2.479
3	02.04.2024	11:00 AM	0.16	1.420	0.015	14.541	1.256
4	02.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	02.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	02.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	02.04.2024	3:00 PM	0.11	1.420	0.006	5.699	0.492
8	02.04.2024	4:00 PM	0.09	1.420	0.003	3.451	0.298
9	02.04.2024	5:00 PM	0.10	1.420	0.004	4.490	0.388
10	02.04.2024	6:00 PM	0.14	1.420	0.010	10.414	0.900
11	02.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	02.04.2024	8:00 PM	0.18	1.420	0.020	19.520	1.686
13	02.04.2024	9:00 PM	0.21	1.420	0.029	28.697	2.479
14	02.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.462
15	02.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	02.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	03.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	03.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.039
19	03.04.2024	3:00 AM	0.03	1.420	0.000	0.221	0.019
20	03.04.2024	4:00 AM	0.03	1.420	0.000	0.221	0.019
21	03.04.2024	5:00 AM	0.09	1.420	0.003	3.451	0.298
22	03.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	03.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.069
24	03.04.2024	8:00 AM	0.17	1.420	0.017	16.920	1.462
			Average		**0.011**	**10.932**	**0.945**

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.21	1.420	0.029	28.697	2.479
2	03.04.2024	10:00 AM	0.20	1.420	0.025	25.402	2.195
3	03.04.2024	11:00 AM	0.16	1.420	0.015	14.541	1.256
4	03.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	03.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	03.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	03.04.2024	3:00 PM	0.11	1.420	0.006	5.699	0.492
8	03.04.2024	4:00 PM	0.09	1.420	0.003	3.451	0.298
9	03.04.2024	5:00 PM	0.10	1.420	0.004	4.490	0.388
10	03.04.2024	6:00 PM	0.14	1.420	0.010	10.414	0.900
11	03.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	03.04.2024	8:00 PM	0.19	1.420	0.022	22.345	1.931
13	03.04.2024	9:00 PM	0.21	1.420	0.029	28.697	2.479
14	03.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.462
15	03.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	03.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	04.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	04.04.2024	2:00 AM	0.05	1.420	0.001	0.794	0.069
19	04.04.2024	3:00 AM	0.04	1.420	0.000	0.454	0.039
20	04.04.2024	4:00 AM	0.03	1.420	0.000	0.221	0.019
21	04.04.2024	5:00 AM	0.09	1.420	0.003	3.451	0.298
22	04.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	04.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.069
24	04.04.2024	8:00 AM	0.18	1.420	0.020	19.520	1.686
			Average		0.011	10.897	0.942

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.21	1.420	0.029	28.697	2.479
2	04.04.2024	10:00 AM	0.21	1.420	0.029	28.697	2.479
3	04.04.2024	11:00 AM	0.17	1.420	0.017	16.920	1.462
4	04.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	04.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	04.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	04.04.2024	3:00 PM	0.11	1.420	0.006	5.699	0.492
8	04.04.2024	4:00 PM	0.09	1.420	0.003	3.451	0.298
9	04.04.2024	5:00 PM	0.12	1.420	0.007	7.083	0.612
10	04.04.2024	6:00 PM	0.14	1.420	0.010	10.414	0.900
11	04.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	04.04.2024	8:00 PM	0.18	1.420	0.020	19.520	1.686
13	04.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.195
14	04.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.462
15	04.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	04.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	05.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	05.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.039
19	05.04.2024	3:00 AM	0.03	1.420	0.000	0.221	0.019
20	05.04.2024	4:00 AM	0.03	1.420	0.000	0.221	0.019
21	05.04.2024	5:00 AM	0.09	1.420	0.003	3.451	0.298
22	05.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	05.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.069
24	05.04.2024	8:00 AM	0.16	1.420	0.015	14.541	1.256
			Average		0.011	10.755	0.929

कार्यपालन अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.22	1.420	0.032	32.236	2.785
2	05.04.2024	10:00 AM	0.22	1.420	0.032	32.236	2.785
3	05.04.2024	11:00 AM	0.16	1.420	0.015	14.541	1.256
4	05.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	05.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	05.04.2024	2:00 PM	0.11	1.420	0.006	5.699	0.492
7	05.04.2024	3:00 PM	0.11	1.420	0.006	5.699	0.492
8	05.04.2024	4:00 PM	0.10	1.420	0.004	4.490	0.388
9	05.04.2024	5:00 PM	0.10	1.420	0.004	4.490	0.388
10	05.04.2024	6:00 PM	0.14	1.420	0.010	10.414	0.900
11	05.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	05.04.2024	8:00 PM	0.19	1.420	0.022	22.345	1.931
13	05.04.2024	9:00 PM	0.21	1.420	0.029	28.697	2.479
14	05.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.462
15	05.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	05.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	06.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	06.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.039
19	06.04.2024	3:00 AM	0.03	1.420	0.000	0.221	0.019
20	06.04.2024	4:00 AM	0.05	1.420	0.001	0.794	0.069
21	06.04.2024	5:00 AM	0.09	1.420	0.003	3.451	0.298
22	06.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	06.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.069
24	06.04.2024	8:00 AM	0.17	1.420	0.017	16.920	1.462
			Average		**0.011**	**11.207**	**0.968**

नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.21	1.420	0.029	28.697	2.479
2	06.04.2024	10:00 AM	0.21	1.420	0.029	28.697	2.479
3	06.04.2024	11:00 AM	0.19	1.420	0.022	22.345	1.931
4	06.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	06.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	06.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	06.04.2024	3:00 PM	0.12	1.420	0.007	7.083	0.612
8	06.04.2024	4:00 PM	0.10	1.420	0.004	4.490	0.388
9	06.04.2024	5:00 PM	0.11	1.420	0.006	5.699	0.492
10	06.04.2024	6:00 PM	0.14	1.420	0.010	10.414	0.900
11	06.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	06.04.2024	8:00 PM	0.18	1.420	0.020	19.520	1.686
13	06.04.2024	9:00 PM	0.21	1.420	0.029	28.697	2.479
14	06.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.462
15	06.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	06.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	07.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	07.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.039
19	07.04.2024	3:00 AM	0.03	1.420	0.000	0.221	0.019
20	07.04.2024	4:00 AM	0.03	1.420	0.000	0.221	0.019
21	07.04.2024	5:00 AM	0.09	1.420	0.003	3.451	0.298
22	07.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	07.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.069
24	07.04.2024	8:00 AM	0.16	1.420	0.015	14.541	1.256
			Average		**0.011**	**11.162**	**0.964**

अधिशासी अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain No-2			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.20	1.420	0.025	25.402	2.195
2	07.04.2024	10:00 AM	0.21	1.420	0.029	28.697	2.479
3	07.04.2024	11:00 AM	0.16	1.420	0.015	14.541	1.256
4	07.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	07.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	07.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	07.04.2024	3:00 PM	0.11	1.420	0.006	5.699	0.492
8	07.04.2024	4:00 PM	0.09	1.420	0.003	3.451	0.298
9	07.04.2024	5:00 PM	0.10	1.420	0.004	4.490	0.388
10	07.04.2024	6:00 PM	0.14	1.420	0.010	10.414	0.900
11	07.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	07.04.2024	8:00 PM	0.20	1.420	0.025	25.402	2.195
13	07.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.195
14	07.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.462
15	07.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	07.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	08.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	08.04.2024	2:00 AM	0.06	1.420	0.001	1.252	0.108
19	08.04.2024	3:00 AM	0.04	1.420	0.000	0.454	0.039
20	08.04.2024	4:00 AM	0.03	1.420	0.000	0.221	0.019
21	08.04.2024	5:00 AM	0.09	1.420	0.003	3.451	0.298
22	08.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	08.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.069
24	08.04.2024	8:00 AM	0.17	1.420	0.017	16.920	1.462
			Average		0.011	10.798	0.933

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Drain No-2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.21	1.420	0.029	28.697	2.479
2	08.04.2024	10:00 AM	0.21	1.420	0.029	28.697	2.479
3	08.04.2024	11:00 AM	0.15	1.420	0.012	12.374	1.069
4	08.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	08.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	08.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	08.04.2024	3:00 PM	0.09	1.420	0.003	3.451	0.298
8	08.04.2024	4:00 PM	0.10	1.420	0.004	4.490	0.388
9	08.04.2024	5:00 PM	0.10	1.420	0.004	4.490	0.388
10	08.04.2024	6:00 PM	0.14	1.420	0.010	10.414	0.900
11	08.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	08.04.2024	8:00 PM	0.18	1.420	0.020	19.520	1.686
13	08.04.2024	9:00 PM	0.21	1.420	0.029	28.697	2.479
14	08.04.2024	10:00 PM	0.19	1.420	0.022	22.345	1.931
15	08.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	08.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	09.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	09.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.039
19	09.04.2024	3:00 AM	0.03	1.420	0.000	0.221	0.019
20	09.04.2024	4:00 AM	0.03	1.420	0.000	0.221	0.019
21	09.04.2024	5:00 AM	0.09	1.420	0.003	3.451	0.298
22	09.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	09.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.069
24	09.04.2024	8:00 AM	0.17	1.420	0.017	16.920	1.462
			Average		0.011	10.870	0.939

अधिशासी अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		A.D.A Colony Drain/Jwala Devi Drain		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.049	49.122	4.244
2	Day 2	0.049	49.331	4.262
3	Day 3	0.049	49.357	4.264
4	Day 4	0.049	48.721	4.210
5	Day 5	0.050	50.497	4.363
6	Day 6	0.049	49.468	4.274
7	Day 7	0.050	50.057	4.325
AVERAGE		0.050	49.508	4.277

कार्यपालक अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				A.D.A Colony Drain/Jwala Devi Drain			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.41	1.420	0.153	152.844	13.206
2	02.04.2024	10:00 AM	0.38	1.420	0.126	126.400	10.921
3	02.04.2024	11:00 AM	0.35	1.420	0.103	102.910	8.891
4	02.04.2024	12:00 PM	0.28	1.420	0.059	58.909	5.090
5	02.04.2024	1:00 PM	0.20	1.420	0.025	25.402	2.195
6	02.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.462
7	02.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	02.04.2024	4:00 PM	0.14	1.420	0.010	10.414	0.900
9	02.04.2024	5:00 PM	0.18	1.420	0.020	19.520	1.686
10	02.04.2024	6:00 PM	0.21	1.420	0.029	28.697	2.479
11	02.04.2024	7:00 PM	0.30	1.420	0.070	69.999	6.048
12	02.04.2024	8:00 PM	0.37	1.420	0.118	118.248	10.217
13	02.04.2024	9:00 PM	0.40	1.420	0.144	143.694	12.415
14	02.04.2024	10:00 PM	0.30	1.420	0.070	69.999	6.048
15	02.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	02.04.2024	12:00 AM	0.18	1.420	0.020	19.520	1.686
17	03.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	03.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	03.04.2024	3:00 AM	0.08	1.420	0.003	2.570	0.222
20	03.04.2024	4:00 AM	0.09	1.420	0.003	3.451	0.298
21	03.04.2024	5:00 AM	0.13	1.420	0.009	8.653	0.748
22	03.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	03.04.2024	7:00 AM	0.22	1.420	0.032	32.236	2.785
24	03.04.2024	8:00 AM	0.31	1.420	0.076	75.979	6.565
			Average		0.049	49.122	4.244

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				A.D.A Colony Drain/Jwala Devi Drain			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.39	1.420	0.135	134.881	11.654
2	03.04.2024	10:00 AM	0.36	1.420	0.110	110.419	9.540
3	03.04.2024	11:00 AM	0.34	1.420	0.096	95.716	8.270
4	03.04.2024	12:00 PM	0.28	1.420	0.059	58.909	5.090
5	03.04.2024	1:00 PM	0.25	1.420	0.044	44.375	3.834
6	03.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.462
7	03.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	03.04.2024	4:00 PM	0.15	1.420	0.012	12.374	1.069
9	03.04.2024	5:00 PM	0.18	1.420	0.020	19.520	1.686
10	03.04.2024	6:00 PM	0.27	1.420	0.054	53.790	4.647
11	03.04.2024	7:00 PM	0.31	1.420	0.076	75.979	6.565
12	03.04.2024	8:00 PM	0.37	1.420	0.118	118.248	10.217
13	03.04.2024	9:00 PM	0.39	1.420	0.135	134.881	11.654
14	03.04.2024	10:00 PM	0.30	1.420	0.070	69.999	6.048
15	03.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	03.04.2024	12:00 AM	0.18	1.420	0.020	19.520	1.686
17	04.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	04.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	04.04.2024	3:00 AM	0.10	1.420	0.004	4.490	0.388
20	04.04.2024	4:00 AM	0.10	1.420	0.004	4.490	0.388
21	04.04.2024	5:00 AM	0.13	1.420	0.009	8.653	0.748
22	04.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	04.04.2024	7:00 AM	0.22	1.420	0.032	32.236	2.785
24	04.04.2024	8:00 AM	0.31	1.420	0.076	75.979	6.565
			Average		0.049	49.331	4.262

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				A.D.A Colony Drain/Jwala Devi Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.40	1.420	0.144	143.694	12.415
2	04.04.2024	10:00 AM	0.38	1.420	0.126	126.400	10.921
3	04.04.2024	11:00 AM	0.32	1.420	0.082	82.255	7.107
4	04.04.2024	12:00 PM	0.28	1.420	0.059	58.909	5.090
5	04.04.2024	1:00 PM	0.22	1.420	0.032	32.236	2.785
6	04.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.462
7	04.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	04.04.2024	4:00 PM	0.16	1.420	0.015	14.541	1.256
9	04.04.2024	5:00 PM	0.18	1.420	0.020	19.520	1.686
10	04.04.2024	6:00 PM	0.23	1.420	0.036	36.025	3.113
11	04.04.2024	7:00 PM	0.30	1.420	0.070	69.999	6.048
12	04.04.2024	8:00 PM	0.37	1.420	0.118	118.248	10.217
13	04.04.2024	9:00 PM	0.39	1.420	0.135	134.881	11.654
14	04.04.2024	10:00 PM	0.33	1.420	0.089	88.833	7.675
15	04.04.2024	11:00 PM	0.25	1.420	0.044	44.375	3.834
16	04.04.2024	12:00 AM	0.19	1.420	0.022	22.345	1.931
17	05.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	05.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	05.04.2024	3:00 AM	0.08	1.420	0.003	2.570	0.222
20	05.04.2024	4:00 AM	0.09	1.420	0.003	3.451	0.298
21	05.04.2024	5:00 AM	0.13	1.420	0.009	8.653	0.748
22	05.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	05.04.2024	7:00 AM	0.22	1.420	0.032	32.236	2.785
24	05.04.2024	8:00 AM	0.31	1.420	0.076	75.979	6.565
			Average		0.049	49.357	4.264



पर्यावरण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				A.D.A Colony Drain/Jwala Devi Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.39	1.420	0.135	134.881	11.654
2	05.04.2024	10:00 AM	0.38	1.420	0.126	126.400	10.921
3	05.04.2024	11:00 AM	0.35	1.420	0.103	102.910	8.891
4	05.04.2024	12:00 PM	0.29	1.420	0.064	64.311	5.556
5	05.04.2024	1:00 PM	0.20	1.420	0.025	25.402	2.195
6	05.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.462
7	05.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	05.04.2024	4:00 PM	0.14	1.420	0.010	10.414	0.900
9	05.04.2024	5:00 PM	0.19	1.420	0.022	22.345	1.931
10	05.04.2024	6:00 PM	0.21	1.420	0.029	28.697	2.479
11	05.04.2024	7:00 PM	0.30	1.420	0.070	69.999	6.048
12	05.04.2024	8:00 PM	0.37	1.420	0.118	118.248	10.217
13	05.04.2024	9:00 PM	0.39	1.420	0.135	134.881	11.654
14	05.04.2024	10:00 PM	0.31	1.420	0.076	75.979	6.565
15	05.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	05.04.2024	12:00 AM	0.18	1.420	0.020	19.520	1.686
17	06.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	06.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	06.04.2024	3:00 AM	0.10	1.420	0.004	4.490	0.388
20	06.04.2024	4:00 AM	0.10	1.420	0.004	4.490	0.388
21	06.04.2024	5:00 AM	0.13	1.420	0.009	8.653	0.748
22	06.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	06.04.2024	7:00 AM	0.22	1.420	0.032	32.236	2.785
24	06.04.2024	8:00 AM	0.31	1.420	0.076	75.979	6.565
			Average		0.049	48.721	4.210

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				A.D.A Colony Drain/Jwala Devi Drain			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.40	1.420	0.144	143.694	12.415
2	06.04.2024	10:00 AM	0.39	1.420	0.135	134.881	11.654
3	06.04.2024	11:00 AM	0.35	1.420	0.103	102.910	8.891
4	06.04.2024	12:00 PM	0.28	1.420	0.059	58.909	5.090
5	06.04.2024	1:00 PM	0.20	1.420	0.025	25.402	2.195
6	06.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.462
7	06.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	06.04.2024	4:00 PM	0.16	1.420	0.015	14.541	1.256
9	06.04.2024	5:00 PM	0.18	1.420	0.020	19.520	1.686
10	06.04.2024	6:00 PM	0.21	1.420	0.029	28.697	2.479
11	06.04.2024	7:00 PM	0.30	1.420	0.070	69.999	6.048
12	06.04.2024	8:00 PM	0.38	1.420	0.126	126.400	10.921
13	06.04.2024	9:00 PM	0.41	1.420	0.153	152.844	13.206
14	06.04.2024	10:00 PM	0.32	1.420	0.082	82.255	7.107
15	06.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	06.04.2024	12:00 AM	0.18	1.420	0.020	19.520	1.686
17	07.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	07.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	07.04.2024	3:00 AM	0.08	1.420	0.003	2.570	0.222
20	07.04.2024	4:00 AM	0.09	1.420	0.003	3.451	0.298
21	07.04.2024	5:00 AM	0.13	1.420	0.009	8.653	0.748
22	07.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	07.04.2024	7:00 AM	0.22	1.420	0.032	32.236	2.785
24	07.04.2024	8:00 AM	0.31	1.420	0.076	75.979	6.565
			Average		0.050	50.497	4.363

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				A.D.A Colony Drain/Jwala Devi Drain			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.38	1.420	0.126	126.400	10.921
2	07.04.2024	10:00 AM	0.37	1.420	0.118	118.248	10.217
3	07.04.2024	11:00 AM	0.35	1.420	0.103	102.910	8.891
4	07.04.2024	12:00 PM	0.30	1.420	0.070	69.999	6.048
5	07.04.2024	1:00 PM	0.25	1.420	0.044	44.375	3.834
6	07.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.462
7	07.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	07.04.2024	4:00 PM	0.14	1.420	0.010	10.414	0.900
9	07.04.2024	5:00 PM	0.18	1.420	0.020	19.520	1.686
10	07.04.2024	6:00 PM	0.25	1.420	0.044	44.375	3.834
11	07.04.2024	7:00 PM	0.30	1.420	0.070	69.999	6.048
12	07.04.2024	8:00 PM	0.37	1.420	0.118	118.248	10.217
13	07.04.2024	9:00 PM	0.39	1.420	0.135	134.881	11.654
14	07.04.2024	10:00 PM	0.31	1.420	0.076	75.979	6.565
15	07.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	07.04.2024	12:00 AM	0.18	1.420	0.020	19.520	1.686
17	08.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	08.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	08.04.2024	3:00 AM	0.08	1.420	0.003	2.570	0.222
20	08.04.2024	4:00 AM	0.09	1.420	0.003	3.451	0.298
21	08.04.2024	5:00 AM	0.13	1.420	0.009	8.653	0.748
22	08.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	08.04.2024	7:00 AM	0.22	1.420	0.032	32.236	2.785
24	08.04.2024	8:00 AM	0.31	1.420	0.076	75.979	6.565
			Average		0.049	49.468	4.274

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				A.D.A Colony Drain/Jwala Devi Drain			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.40	1.420	0.144	143.694	12.415
2	08.04.2024	10:00 AM	0.38	1.420	0.126	126.400	10.921
3	08.04.2024	11:00 AM	0.35	1.420	0.103	102.910	8.891
4	08.04.2024	12:00 PM	0.28	1.420	0.059	58.909	5.090
5	08.04.2024	1:00 PM	0.20	1.420	0.025	25.402	2.195
6	08.04.2024	2:00 PM	0.18	1.420	0.020	19.520	1.686
7	08.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	08.04.2024	4:00 PM	0.14	1.420	0.010	10.414	0.900
9	08.04.2024	5:00 PM	0.18	1.420	0.020	19.520	1.686
10	08.04.2024	6:00 PM	0.28	1.420	0.059	58.909	5.090
11	08.04.2024	7:00 PM	0.30	1.420	0.070	69.999	6.048
12	08.04.2024	8:00 PM	0.37	1.420	0.118	118.248	10.217
13	08.04.2024	9:00 PM	0.40	1.420	0.144	143.694	12.415
14	08.04.2024	10:00 PM	0.30	1.420	0.070	69.999	6.048
15	08.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	08.04.2024	12:00 AM	0.18	1.420	0.020	19.520	1.686
17	09.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	09.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	09.04.2024	3:00 AM	0.08	1.420	0.003	2.570	0.222
20	09.04.2024	4:00 AM	0.10	1.420	0.004	4.490	0.388
21	09.04.2024	5:00 AM	0.15	1.420	0.012	12.374	1.069
22	09.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	09.04.2024	7:00 AM	0.22	1.420	0.032	32.236	2.785
24	09.04.2024	8:00 AM	0.30	1.420	0.070	69.999	6.048
			Average		0.050	50.057	4.325

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Shankarghat Colony Drain (Near Phaphamau Bridge)		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.011	11.068	0.956
2	Day 2	0.011	10.989	0.949
3	Day 3	0.011	11.115	0.960
4	Day 4	0.011	10.949	0.946
5	Day 5	0.011	10.823	0.935
6	Day 6	0.011	11.001	0.951
7	Day 7	0.011	11.132	0.962
AVERAGE		0.011	11.011	0.951

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Colony Drain (Near Phaphamau Bridge)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.22	1.420	0.032	32.236	2.785
2	02.04.2024	10:00 AM	0.21	1.420	0.029	28.697	2.479
3	02.04.2024	11:00 AM	0.18	1.420	0.020	19.520	1.686
4	02.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	02.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	02.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	02.04.2024	3:00 PM	0.11	1.420	0.006	5.699	0.492
8	02.04.2024	4:00 PM	0.10	1.420	0.004	4.490	0.388
9	02.04.2024	5:00 PM	0.10	1.420	0.004	4.490	0.388
10	02.04.2024	6:00 PM	0.13	1.420	0.009	8.653	0.748
11	02.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	02.04.2024	8:00 PM	0.18	1.420	0.020	19.520	1.686
13	02.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.195
14	02.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.462
15	02.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	02.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	03.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	03.04.2024	2:00 AM	0.05	1.420	0.001	0.794	0.069
19	03.04.2024	3:00 AM	0.03	1.420	0.000	0.221	0.019
20	03.04.2024	4:00 AM	0.04	1.420	0.000	0.454	0.039
21	03.04.2024	5:00 AM	0.08	1.420	0.003	2.570	0.222
22	03.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	03.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.069
24	03.04.2024	8:00 AM	0.18	1.420	0.020	19.520	1.686
			Average		0.011	11.068	0.956

अधिशासी अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Colony Drain (Near Phaphamau Bridge)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.20	1.420	0.025	25.402	2.195
2	03.04.2024	10:00 AM	0.20	1.420	0.025	25.402	2.195
3	03.04.2024	11:00 AM	0.18	1.420	0.020	19.520	1.686
4	03.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	03.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	03.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	03.04.2024	3:00 PM	0.11	1.420	0.006	5.699	0.492
8	03.04.2024	4:00 PM	0.10	1.420	0.004	4.490	0.388
9	03.04.2024	5:00 PM	0.12	1.420	0.007	7.083	0.612
10	03.04.2024	6:00 PM	0.13	1.420	0.009	8.653	0.748
11	03.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	03.04.2024	8:00 PM	0.18	1.420	0.020	19.520	1.686
13	03.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.195
14	03.04.2024	10:00 PM	0.19	1.420	0.022	22.345	1.931
15	03.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	03.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	04.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	04.04.2024	2:00 AM	0.05	1.420	0.001	0.794	0.069
19	04.04.2024	3:00 AM	0.04	1.420	0.000	0.454	0.039
20	04.04.2024	4:00 AM	0.04	1.420	0.000	0.454	0.039
21	04.04.2024	5:00 AM	0.08	1.420	0.003	2.570	0.222
22	04.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	04.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.069
24	04.04.2024	8:00 AM	0.18	1.420	0.020	19.520	1.686
			Average		0.011	10.989	0.949

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Colony Drain (Near Phaphamau Bridge)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.23	1.420	0.036	36.025	3.113
2	04.04.2024	10:00 AM	0.21	1.420	0.029	28.697	2.479
3	04.04.2024	11:00 AM	0.18	1.420	0.020	19.520	1.686
4	04.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	04.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	04.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	04.04.2024	3:00 PM	0.11	1.420	0.006	5.699	0.492
8	04.04.2024	4:00 PM	0.10	1.420	0.004	4.490	0.388
9	04.04.2024	5:00 PM	0.11	1.420	0.006	5.699	0.492
10	04.04.2024	6:00 PM	0.12	1.420	0.007	7.083	0.612
11	04.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	04.04.2024	8:00 PM	0.18	1.420	0.020	19.520	1.686
13	04.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.195
14	04.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.462
15	04.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	04.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	05.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	05.04.2024	2:00 AM	0.04	1.420	0.000	0.454	0.039
19	05.04.2024	3:00 AM	0.03	1.420	0.000	0.221	0.019
20	05.04.2024	4:00 AM	0.04	1.420	0.000	0.454	0.039
21	05.04.2024	5:00 AM	0.08	1.420	0.003	2.570	0.222
22	05.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	05.04.2024	7:00 AM	0.14	1.420	0.010	10.414	0.900
24	05.04.2024	8:00 AM	0.18	1.420	0.020	19.520	1.686
			Average		0.011	11.115	0.960

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Colony Drain (Near Phaphamau Bridge)			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.21	1.420	0.029	28.697	2.479
2	05.04.2024	10:00 AM	0.21	1.420	0.029	28.697	2.479
3	05.04.2024	11:00 AM	0.19	1.420	0.022	22.345	1.931
4	05.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	05.04.2024	1:00 PM	0.14	1.420	0.010	10.414	0.900
6	05.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	05.04.2024	3:00 PM	0.11	1.420	0.006	5.699	0.492
8	05.04.2024	4:00 PM	0.10	1.420	0.004	4.490	0.388
9	05.04.2024	5:00 PM	0.12	1.420	0.007	7.083	0.612
10	05.04.2024	6:00 PM	0.13	1.420	0.009	8.653	0.748
11	05.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	05.04.2024	8:00 PM	0.17	1.420	0.017	16.920	1.462
13	05.04.2024	9:00 PM	0.20	1.420	0.025	25.402	2.195
14	05.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.462
15	05.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	05.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	06.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	06.04.2024	2:00 AM	0.05	1.420	0.001	0.794	0.069
19	06.04.2024	3:00 AM	0.03	1.420	0.000	0.221	0.019
20	06.04.2024	4:00 AM	0.04	1.420	0.000	0.454	0.039
21	06.04.2024	5:00 AM	0.07	1.420	0.002	1.841	0.159
22	06.04.2024	6:00 AM	0.10	1.420	0.004	4.490	0.388
23	06.04.2024	7:00 AM	0.14	1.420	0.010	10.414	0.900
24	06.04.2024	8:00 AM	0.18	1.420	0.020	19.520	1.686
			Average		0.011	10.949	0.946

कार्यपालन अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Colony Drain (Near Phaphamau Bridge)			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.20	1.420	0.025	25.402	2.195
2	06.04.2024	10:00 AM	0.20	1.420	0.025	25.402	2.195
3	06.04.2024	11:00 AM	0.18	1.420	0.020	19.520	1.686
4	06.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	06.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	06.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	06.04.2024	3:00 PM	0.11	1.420	0.006	5.699	0.492
8	06.04.2024	4:00 PM	0.10	1.420	0.004	4.490	0.388
9	06.04.2024	5:00 PM	0.13	1.420	0.009	8.653	0.748
10	06.04.2024	6:00 PM	0.13	1.420	0.009	8.653	0.748
11	06.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	06.04.2024	8:00 PM	0.19	1.420	0.022	22.345	1.931
13	06.04.2024	9:00 PM	0.19	1.420	0.022	22.345	1.931
14	06.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.462
15	06.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	06.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	07.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	07.04.2024	2:00 AM	0.05	1.420	0.001	0.794	0.069
19	07.04.2024	3:00 AM	0.03	1.420	0.000	0.221	0.019
20	07.04.2024	4:00 AM	0.05	1.420	0.001	0.794	0.069
21	07.04.2024	5:00 AM	0.08	1.420	0.003	2.570	0.222
22	07.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	07.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.069
24	07.04.2024	8:00 AM	0.18	1.420	0.020	19.520	1.686
			Average		**0.011**	**10.823**	**0.935**

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Colony Drain (Near Phaphamau Bridge)			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.22	1.420	0.032	32.236	2.785
2	07.04.2024	10:00 AM	0.22	1.420	0.032	32.236	2.785
3	07.04.2024	11:00 AM	0.17	1.420	0.017	16.920	1.462
4	07.04.2024	12:00 PM	0.14	1.420	0.010	10.414	0.900
5	07.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	07.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	07.04.2024	3:00 PM	0.11	1.420	0.006	5.699	0.492
8	07.04.2024	4:00 PM	0.10	1.420	0.004	4.490	0.388
9	07.04.2024	5:00 PM	0.10	1.420	0.004	4.490	0.388
10	07.04.2024	6:00 PM	0.12	1.420	0.007	7.083	0.612
11	07.04.2024	7:00 PM	0.16	1.420	0.015	14.541	1.256
12	07.04.2024	8:00 PM	0.18	1.420	0.020	19.520	1.686
13	07.04.2024	9:00 PM	0.21	1.420	0.029	28.697	2.479
14	07.04.2024	10:00 PM	0.17	1.420	0.017	16.920	1.462
15	07.04.2024	11:00 PM	0.12	1.420	0.007	7.083	0.612
16	07.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	08.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	08.04.2024	2:00 AM	0.05	1.420	0.001	0.794	0.069
19	08.04.2024	3:00 AM	0.03	1.420	0.000	0.221	0.019
20	08.04.2024	4:00 AM	0.04	1.420	0.000	0.454	0.039
21	08.04.2024	5:00 AM	0.07	1.420	0.002	1.841	0.159
22	08.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	08.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.069
24	08.04.2024	8:00 AM	0.18	1.420	0.020	19.520	1.686
			Average		0.011	11.001	0.951

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Shankarghat Colony Drain (Near Phaphamau Bridge)			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.22	1.420	0.032	32.236	2.785
2	08.04.2024	10:00 AM	0.21	1.420	0.029	28.697	2.479
3	08.04.2024	11:00 AM	0.18	1.420	0.020	19.520	1.686
4	08.04.2024	12:00 PM	0.15	1.420	0.012	12.374	1.069
5	08.04.2024	1:00 PM	0.13	1.420	0.009	8.653	0.748
6	08.04.2024	2:00 PM	0.12	1.420	0.007	7.083	0.612
7	08.04.2024	3:00 PM	0.11	1.420	0.006	5.699	0.492
8	08.04.2024	4:00 PM	0.10	1.420	0.004	4.490	0.388
9	08.04.2024	5:00 PM	0.13	1.420	0.009	8.653	0.748
10	08.04.2024	6:00 PM	0.13	1.420	0.009	8.653	0.748
11	08.04.2024	7:00 PM	0.15	1.420	0.012	12.374	1.069
12	08.04.2024	8:00 PM	0.18	1.420	0.020	19.520	1.686
13	08.04.2024	9:00 PM	0.19	1.420	0.022	22.345	1.931
14	08.04.2024	10:00 PM	0.18	1.420	0.020	19.520	1.686
15	08.04.2024	11:00 PM	0.13	1.420	0.009	8.653	0.748
16	08.04.2024	12:00 AM	0.10	1.420	0.004	4.490	0.388
17	09.04.2024	1:00 AM	0.08	1.420	0.003	2.570	0.222
18	09.04.2024	2:00 AM	0.05	1.420	0.001	0.794	0.069
19	09.04.2024	3:00 AM	0.03	1.420	0.000	0.221	0.019
20	09.04.2024	4:00 AM	0.04	1.420	0.000	0.454	0.039
21	09.04.2024	5:00 AM	0.08	1.420	0.003	2.570	0.222
22	09.04.2024	6:00 AM	0.11	1.420	0.006	5.699	0.492
23	09.04.2024	7:00 AM	0.15	1.420	0.012	12.374	1.069
24	09.04.2024	8:00 AM	0.18	1.420	0.020	19.520	1.686
			Average		0.011	11.132	0.962

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Rajapur Drain		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.314	314.267	27.153
2	Day 2	0.315	314.512	27.174
3	Day 3	0.315	314.504	27.173
4	Day 4	0.315	314.816	27.200
5	Day 5	0.314	314.346	27.159
6	Day 6	0.314	314.354	27.160
7	Day 7	0.314	314.137	27.141
AVERAGE		**0.314**	**314.419**	**27.166**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Rajapur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.83	1.420	0.89122	891.217	77.001
2	02.04.2024	10:00 AM	0.76	1.420	0.71503	715.027	61.778
3	02.04.2024	11:00 AM	0.66	1.420	0.50251	502.514	43.417
4	02.04.2024	12:00 PM	0.53	1.420	0.29039	290.388	25.089
5	02.04.2024	1:00 PM	0.40	1.420	0.14369	143.694	12.415
6	02.04.2024	2:00 PM	0.36	1.420	0.11042	110.419	9.540
7	02.04.2024	3:00 PM	0.34	1.420	0.09572	95.716	8.270
8	02.04.2024	4:00 PM	0.31	1.420	0.07598	75.979	6.565
9	02.04.2024	5:00 PM	0.35	1.420	0.10291	102.910	8.891
10	02.04.2024	6:00 PM	0.42	1.420	0.16233	162.335	14.026
11	02.04.2024	7:00 PM	0.68	1.420	0.54145	541.453	46.782
12	02.04.2024	8:00 PM	0.76	1.420	0.71503	715.027	61.778
13	02.04.2024	9:00 PM	0.84	1.420	0.91830	918.304	79.341
14	02.04.2024	10:00 PM	0.76	1.420	0.71503	715.027	61.778
15	02.04.2024	11:00 PM	0.42	1.420	0.16233	162.335	14.026
16	02.04.2024	12:00 AM	0.36	1.420	0.11042	110.419	9.540
17	03.04.2024	1:00 AM	0.29	1.420	0.06431	64.311	5.556
18	03.04.2024	2:00 AM	0.21	1.420	0.02870	28.697	2.479
19	03.04.2024	3:00 AM	0.20	1.420	0.02540	25.402	2.195
20	03.04.2024	4:00 AM	0.19	1.420	0.02234	22.345	1.931
21	03.04.2024	5:00 AM	0.25	1.420	0.04438	44.375	3.834
22	03.04.2024	6:00 AM	0.38	1.420	0.12640	126.400	10.921
23	03.04.2024	7:00 AM	0.60	1.420	0.39597	395.974	34.212
24	03.04.2024	8:00 AM	0.70	1.420	0.58215	582.148	50.298
			Average		**0.314**	**314.267**	**27.153**

पर्यवेक्षण अभियन्ता

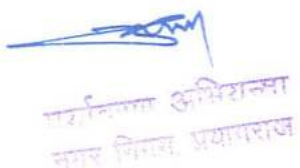
Discharge Measurement Through V-Notch Weir Method							
Drain Name				Rajapur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.80	1.420	0.81286	812.855	70.231
2	03.04.2024	10:00 AM	0.75	1.420	0.69174	691.738	59.766
3	03.04.2024	11:00 AM	0.65	1.420	0.48370	483.695	41.791
4	03.04.2024	12:00 PM	0.51	1.420	0.26376	263.763	22.789
5	03.04.2024	1:00 PM	0.40	1.420	0.14369	143.694	12.415
6	03.04.2024	2:00 PM	0.36	1.420	0.11042	110.419	9.540
7	03.04.2024	3:00 PM	0.34	1.420	0.09572	95.716	8.270
8	03.04.2024	4:00 PM	0.29	1.420	0.06431	64.311	5.556
9	03.04.2024	5:00 PM	0.35	1.420	0.10291	102.910	8.891
10	03.04.2024	6:00 PM	0.42	1.420	0.16233	162.335	14.026
11	03.04.2024	7:00 PM	0.69	1.420	0.56158	561.579	48.520
12	03.04.2024	8:00 PM	0.76	1.420	0.71503	715.027	61.778
13	03.04.2024	9:00 PM	0.81	1.420	0.83850	838.496	72.446
14	03.04.2024	10:00 PM	0.75	1.420	0.69174	691.738	59.766
15	03.04.2024	11:00 PM	0.49	1.420	0.23866	238.659	20.620
16	03.04.2024	12:00 AM	0.36	1.420	0.11042	110.419	9.540
17	04.04.2024	1:00 AM	0.29	1.420	0.06431	64.311	5.556
18	04.04.2024	2:00 AM	0.21	1.420	0.02870	28.697	2.479
19	04.04.2024	3:00 AM	0.20	1.420	0.02540	25.402	2.195
20	04.04.2024	4:00 AM	0.19	1.420	0.02234	22.345	1.931
21	04.04.2024	5:00 AM	0.26	1.420	0.04895	48.947	4.229
22	04.04.2024	6:00 AM	0.38	1.420	0.12640	126.400	10.921
23	04.04.2024	7:00 AM	0.62	1.420	0.42980	429.801	37.135
24	04.04.2024	8:00 AM	0.76	1.420	0.71503	715.027	61.778
			Average		0.315	314.512	27.174

परियोजना अभियन्ता
जल निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Rajapur Drain			
Drain No.				1			
Formula				$Q = 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.80	1.420	0.81286	812.855	70.231
2	04.04.2024	10:00 AM	0.75	1.420	0.69174	691.738	59.766
3	04.04.2024	11:00 AM	0.64	1.420	0.46531	465.306	40.202
4	04.04.2024	12:00 PM	0.57	1.420	0.34832	348.318	30.095
5	04.04.2024	1:00 PM	0.42	1.420	0.16233	162.335	14.026
6	04.04.2024	2:00 PM	0.38	1.420	0.12640	126.400	10.921
7	04.04.2024	3:00 PM	0.35	1.420	0.10291	102.910	8.891
8	04.04.2024	4:00 PM	0.31	1.420	0.07598	75.979	6.565
9	04.04.2024	5:00 PM	0.35	1.420	0.10291	102.910	8.891
10	04.04.2024	6:00 PM	0.43	1.420	0.17217	172.171	14.876
11	04.04.2024	7:00 PM	0.68	1.420	0.54145	541.453	46.782
12	04.04.2024	8:00 PM	0.80	1.420	0.81286	812.855	70.231
13	04.04.2024	9:00 PM	0.82	1.420	0.86462	864.615	74.703
14	04.04.2024	10:00 PM	0.76	1.420	0.71503	715.027	61.778
15	04.04.2024	11:00 PM	0.42	1.420	0.16233	162.335	14.026
16	04.04.2024	12:00 AM	0.36	1.420	0.11042	110.419	9.540
17	05.04.2024	1:00 AM	0.29	1.420	0.06431	64.311	5.556
18	05.04.2024	2:00 AM	0.20	1.420	0.02540	25.402	2.195
19	05.04.2024	3:00 AM	0.18	1.420	0.01952	19.520	1.686
20	05.04.2024	4:00 AM	0.19	1.420	0.02234	22.345	1.931
21	05.04.2024	5:00 AM	0.25	1.420	0.04438	44.375	3.834
22	05.04.2024	6:00 AM	0.38	1.420	0.12640	126.400	10.921
23	05.04.2024	7:00 AM	0.60	1.420	0.39597	395.974	34.212
24	05.04.2024	8:00 AM	0.70	1.420	0.58215	582.148	50.298
			Average		0.315	314.504	27.173

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Rajapur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.81	1.420	0.83850	838.496	72.446
2	05.04.2024	10:00 AM	0.75	1.420	0.69174	691.738	59.766
3	05.04.2024	11:00 AM	0.70	1.420	0.58215	582.148	50.298
4	05.04.2024	12:00 PM	0.53	1.420	0.29039	290.388	25.089
5	05.04.2024	1:00 PM	0.42	1.420	0.16233	162.335	14.026
6	05.04.2024	2:00 PM	0.36	1.420	0.11042	110.419	9.540
7	05.04.2024	3:00 PM	0.34	1.420	0.09572	95.716	8.270
8	05.04.2024	4:00 PM	0.31	1.420	0.07598	75.979	6.565
9	05.04.2024	5:00 PM	0.35	1.420	0.10291	102.910	8.891
10	05.04.2024	6:00 PM	0.42	1.420	0.16233	162.335	14.026
11	05.04.2024	7:00 PM	0.68	1.420	0.54145	541.453	46.782
12	05.04.2024	8:00 PM	0.77	1.420	0.73878	738.780	63.831
13	05.04.2024	9:00 PM	0.81	1.420	0.83850	838.496	72.446
14	05.04.2024	10:00 PM	0.76	1.420	0.71503	715.027	61.778
15	05.04.2024	11:00 PM	0.42	1.420	0.16233	162.335	14.026
16	05.04.2024	12:00 AM	0.36	1.420	0.11042	110.419	9.540
17	06.04.2024	1:00 AM	0.30	1.420	0.07000	69.999	6.048
18	06.04.2024	2:00 AM	0.25	1.420	0.04438	44.375	3.834
19	06.04.2024	3:00 AM	0.20	1.420	0.02540	25.402	2.195
20	06.04.2024	4:00 AM	0.19	1.420	0.02234	22.345	1.931
21	06.04.2024	5:00 AM	0.26	1.420	0.04895	48.947	4.229
22	06.04.2024	6:00 AM	0.38	1.420	0.12640	126.400	10.921
23	06.04.2024	7:00 AM	0.60	1.420	0.39597	395.974	34.212
24	06.04.2024	8:00 AM	0.71	1.420	0.60316	603.162	52.113
			Average		0.315	314.816	27.200



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Rajapur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.79	1.420	0.78769	787.691	68.057
2	06.04.2024	10:00 AM	0.76	1.420	0.71503	715.027	61.778
3	06.04.2024	11:00 AM	0.69	1.420	0.56158	561.579	48.520
4	06.04.2024	12:00 PM	0.55	1.420	0.31856	318.563	27.524
5	06.04.2024	1:00 PM	0.46	1.420	0.20379	203.790	17.607
6	06.04.2024	2:00 PM	0.36	1.420	0.11042	110.419	9.540
7	06.04.2024	3:00 PM	0.34	1.420	0.09572	95.716	8.270
8	06.04.2024	4:00 PM	0.31	1.420	0.07598	75.979	6.565
9	06.04.2024	5:00 PM	0.38	1.420	0.12640	126.400	10.921
10	06.04.2024	6:00 PM	0.45	1.420	0.19289	192.894	16.666
11	06.04.2024	7:00 PM	0.70	1.420	0.58215	582.148	50.298
12	06.04.2024	8:00 PM	0.72	1.420	0.62463	624.625	53.968
13	06.04.2024	9:00 PM	0.80	1.420	0.81286	812.855	70.231
14	06.04.2024	10:00 PM	0.76	1.420	0.71503	715.027	61.778
15	06.04.2024	11:00 PM	0.42	1.420	0.16233	162.335	14.026
16	06.04.2024	12:00 AM	0.36	1.420	0.11042	110.419	9.540
17	07.04.2024	1:00 AM	0.29	1.420	0.06431	64.311	5.556
18	07.04.2024	2:00 AM	0.21	1.420	0.02870	28.697	2.479
19	07.04.2024	3:00 AM	0.20	1.420	0.02540	25.402	2.195
20	07.04.2024	4:00 AM	0.19	1.420	0.02234	22.345	1.931
21	07.04.2024	5:00 AM	0.25	1.420	0.04438	44.375	3.834
22	07.04.2024	6:00 AM	0.38	1.420	0.12640	126.400	10.921
23	07.04.2024	7:00 AM	0.61	1.420	0.41268	412.680	35.656
24	07.04.2024	8:00 AM	0.72	1.420	0.62463	624.625	53.968
			Average		0.314	314.346	27.159

सहायक अभियन्ता
जल निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Rajapur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.81	1.420	0.83850	838.496	72.446
2	07.04.2024	10:00 AM	0.75	1.420	0.69174	691.738	59.766
3	07.04.2024	11:00 AM	0.69	1.420	0.56158	561.579	48.520
4	07.04.2024	12:00 PM	0.53	1.420	0.29039	290.388	25.089
5	07.04.2024	1:00 PM	0.40	1.420	0.14369	143.694	12.415
6	07.04.2024	2:00 PM	0.36	1.420	0.11042	110.419	9.540
7	07.04.2024	3:00 PM	0.34	1.420	0.09572	95.716	8.270
8	07.04.2024	4:00 PM	0.31	1.420	0.07598	75.979	6.565
9	07.04.2024	5:00 PM	0.35	1.420	0.10291	102.910	8.891
10	07.04.2024	6:00 PM	0.42	1.420	0.16233	162.335	14.026
11	07.04.2024	7:00 PM	0.74	1.420	0.66891	668.910	57.794
12	07.04.2024	8:00 PM	0.79	1.420	0.78769	787.691	68.057
13	07.04.2024	9:00 PM	0.80	1.420	0.81286	812.855	70.231
14	07.04.2024	10:00 PM	0.75	1.420	0.69174	691.738	59.766
15	07.04.2024	11:00 PM	0.42	1.420	0.16233	162.335	14.026
16	07.04.2024	12:00 AM	0.36	1.420	0.11042	110.419	9.540
17	08.04.2024	1:00 AM	0.29	1.420	0.06431	64.311	5.556
18	08.04.2024	2:00 AM	0.21	1.420	0.02870	28.697	2.479
19	08.04.2024	3:00 AM	0.22	1.420	0.03224	32.236	2.785
20	08.04.2024	4:00 AM	0.23	1.420	0.03603	36.025	3.113
21	08.04.2024	5:00 AM	0.25	1.420	0.04438	44.375	3.834
22	08.04.2024	6:00 AM	0.38	1.420	0.12640	126.400	10.921
23	08.04.2024	7:00 AM	0.58	1.420	0.36380	363.796	31.432
24	08.04.2024	8:00 AM	0.68	1.420	0.54145	541.453	46.782
			Average		0.314	314.354	27.160

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Rajapur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.80	1.420	0.81286	812.855	70.231
2	08.04.2024	10:00 AM	0.74	1.420	0.66891	668.910	57.794
3	08.04.2024	11:00 AM	0.64	1.420	0.46531	465.306	40.202
4	08.04.2024	12:00 PM	0.53	1.420	0.29039	290.388	25.089
5	08.04.2024	1:00 PM	0.42	1.420	0.16233	162.335	14.026
6	08.04.2024	2:00 PM	0.38	1.420	0.12640	126.400	10.921
7	08.04.2024	3:00 PM	0.34	1.420	0.09572	95.716	8.270
8	08.04.2024	4:00 PM	0.31	1.420	0.07598	75.979	6.565
9	08.04.2024	5:00 PM	0.41	1.420	0.15284	152.844	13.206
10	08.04.2024	6:00 PM	0.45	1.420	0.19289	192.894	16.666
11	08.04.2024	7:00 PM	0.69	1.420	0.56158	561.579	48.520
12	08.04.2024	8:00 PM	0.77	1.420	0.73878	738.780	63.831
13	08.04.2024	9:00 PM	0.80	1.420	0.81286	812.855	70.231
14	08.04.2024	10:00 PM	0.76	1.420	0.71503	715.027	61.778
15	08.04.2024	11:00 PM	0.42	1.420	0.16233	162.335	14.026
16	08.04.2024	12:00 AM	0.36	1.420	0.11042	110.419	9.540
17	09.04.2024	1:00 AM	0.29	1.420	0.06431	64.311	5.556
18	09.04.2024	2:00 AM	0.21	1.420	0.02870	28.697	2.479
19	09.04.2024	3:00 AM	0.20	1.420	0.02540	25.402	2.195
20	09.04.2024	4:00 AM	0.19	1.420	0.02234	22.345	1.931
21	09.04.2024	5:00 AM	0.25	1.420	0.04438	44.375	3.834
22	09.04.2024	6:00 AM	0.40	1.420	0.14369	143.694	12.415
23	09.04.2024	7:00 AM	0.65	1.420	0.48370	483.695	41.791
24	09.04.2024	8:00 AM	0.70	1.420	0.58215	582.148	50.298
			Average		0.314	314.137	27.141

सार्वजनिक अभियन्ता
लघु सिंचाई प्रयागराज

Discharge Measurement Through V-Notch Weir Method				
Drain Name		Sadar Bazar Drain		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2				θ= 90°
Sr. No.	Day		Discharge Q	
		In m3/s	In LPS	In MLD
1	Day 1	0.055	55.091	4.760
2	Day 2	0.055	55.278	4.776
3	Day 3	0.055	55.217	4.771
4	Day 4	0.055	55.325	4.780
5	Day 5	0.055	55.418	4.788
6	Day 6	0.055	55.373	4.784
7	Day 7	0.056	56.106	4.848
AVERAGE		0.055	55.401	4.787

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Sadar Bazar Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	02.04.2024	9:00 AM	0.41	1.420	0.153	152.844	13.206
2	02.04.2024	10:00 AM	0.39	1.420	0.135	134.881	11.654
3	02.04.2024	11:00 AM	0.35	1.420	0.103	102.910	8.891
4	02.04.2024	12:00 PM	0.30	1.420	0.070	69.999	6.048
5	02.04.2024	1:00 PM	0.25	1.420	0.044	44.375	3.834
6	02.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.462
7	02.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	02.04.2024	4:00 PM	0.16	1.420	0.015	14.541	1.256
9	02.04.2024	5:00 PM	0.19	1.420	0.022	22.345	1.931
10	02.04.2024	6:00 PM	0.24	1.420	0.040	40.070	3.462
11	02.04.2024	7:00 PM	0.34	1.420	0.096	95.716	8.270
12	02.04.2024	8:00 PM	0.37	1.420	0.118	118.248	10.217
13	02.04.2024	9:00 PM	0.42	1.420	0.162	162.335	14.026
14	02.04.2024	10:00 PM	0.30	1.420	0.070	69.999	6.048
15	02.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	02.04.2024	12:00 AM	0.18	1.420	0.020	19.520	1.686
17	03.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	03.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	03.04.2024	3:00 AM	0.10	1.420	0.004	4.490	0.388
20	03.04.2024	4:00 AM	0.10	1.420	0.004	4.490	0.388
21	03.04.2024	5:00 AM	0.13	1.420	0.009	8.653	0.748
22	03.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	03.04.2024	7:00 AM	0.25	1.420	0.044	44.375	3.834
24	03.04.2024	8:00 AM	0.35	1.420	0.103	102.910	8.891
			Average		0.055	55.091	4.760

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Sadar Bazar Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	03.04.2024	9:00 AM	0.40	1.420	0.144	143.694	12.415
2	03.04.2024	10:00 AM	0.38	1.420	0.126	126.400	10.921
3	03.04.2024	11:00 AM	0.35	1.420	0.103	102.910	8.891
4	03.04.2024	12:00 PM	0.29	1.420	0.064	64.311	5.556
5	03.04.2024	1:00 PM	0.25	1.420	0.044	44.375	3.834
6	03.04.2024	2:00 PM	0.19	1.420	0.022	22.345	1.931
7	03.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	03.04.2024	4:00 PM	0.18	1.420	0.020	19.520	1.686
9	03.04.2024	5:00 PM	0.19	1.420	0.022	22.345	1.931
10	03.04.2024	6:00 PM	0.26	1.420	0.049	48.947	4.229
11	03.04.2024	7:00 PM	0.34	1.420	0.096	95.716	8.270
12	03.04.2024	8:00 PM	0.37	1.420	0.118	118.248	10.217
13	03.04.2024	9:00 PM	0.41	1.420	0.153	152.844	13.206
14	03.04.2024	10:00 PM	0.32	1.420	0.082	82.255	7.107
15	03.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	03.04.2024	12:00 AM	0.18	1.420	0.020	19.520	1.686
17	04.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	04.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	04.04.2024	3:00 AM	0.10	1.420	0.004	4.490	0.388
20	04.04.2024	4:00 AM	0.11	1.420	0.006	5.699	0.492
21	04.04.2024	5:00 AM	0.13	1.420	0.009	8.653	0.748
22	04.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	04.04.2024	7:00 AM	0.26	1.420	0.049	48.947	4.229
24	04.04.2024	8:00 AM	0.35	1.420	0.103	102.910	8.891
			Average		0.055	55.278	4.776

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Sadar Bazar Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	04.04.2024	9:00 AM	0.42	1.420	0.162	162.335	14.026
2	04.04.2024	10:00 AM	0.40	1.420	0.144	143.694	12.415
3	04.04.2024	11:00 AM	0.36	1.420	0.110	110.419	9.540
4	04.04.2024	12:00 PM	0.30	1.420	0.070	69.999	6.048
5	04.04.2024	1:00 PM	0.25	1.420	0.044	44.375	3.834
6	04.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.462
7	04.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	04.04.2024	4:00 PM	0.16	1.420	0.015	14.541	1.256
9	04.04.2024	5:00 PM	0.19	1.420	0.022	22.345	1.931
10	04.04.2024	6:00 PM	0.24	1.420	0.040	40.070	3.462
11	04.04.2024	7:00 PM	0.33	1.420	0.089	88.833	7.675
12	04.04.2024	8:00 PM	0.37	1.420	0.118	118.248	10.217
13	04.04.2024	9:00 PM	0.40	1.420	0.144	143.694	12.415
14	04.04.2024	10:00 PM	0.30	1.420	0.070	69.999	6.048
15	04.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	04.04.2024	12:00 AM	0.17	1.420	0.017	16.920	1.462
17	05.04.2024	1:00 AM	0.15	1.420	0.012	12.374	1.069
18	05.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	05.04.2024	3:00 AM	0.10	1.420	0.004	4.490	0.388
20	05.04.2024	4:00 AM	0.10	1.420	0.004	4.490	0.388
21	05.04.2024	5:00 AM	0.13	1.420	0.009	8.653	0.748
22	05.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	05.04.2024	7:00 AM	0.25	1.420	0.044	44.375	3.834
24	05.04.2024	8:00 AM	0.36	1.420	0.110	110.419	9.540
			Average		0.055	55.217	4.771

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Sadar Bazar Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	05.04.2024	9:00 AM	0.42	1.420	0.162	162.335	14.026
2	05.04.2024	10:00 AM	0.39	1.420	0.135	134.881	11.654
3	05.04.2024	11:00 AM	0.35	1.420	0.103	102.910	8.891
4	05.04.2024	12:00 PM	0.31	1.420	0.076	75.979	6.565
5	05.04.2024	1:00 PM	0.25	1.420	0.044	44.375	3.834
6	05.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.462
7	05.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	05.04.2024	4:00 PM	0.18	1.420	0.020	19.520	1.686
9	05.04.2024	5:00 PM	0.19	1.420	0.022	22.345	1.931
10	05.04.2024	6:00 PM	0.24	1.420	0.040	40.070	3.462
11	05.04.2024	7:00 PM	0.34	1.420	0.096	95.716	8.270
12	05.04.2024	8:00 PM	0.37	1.420	0.118	118.248	10.217
13	05.04.2024	9:00 PM	0.40	1.420	0.144	143.694	12.415
14	05.04.2024	10:00 PM	0.30	1.420	0.070	69.999	6.048
15	05.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	05.04.2024	12:00 AM	0.18	1.420	0.020	19.520	1.686
17	06.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	06.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	06.04.2024	3:00 AM	0.11	1.420	0.006	5.699	0.492
20	06.04.2024	4:00 AM	0.10	1.420	0.004	4.490	0.388
21	06.04.2024	5:00 AM	0.13	1.420	0.009	8.653	0.748
22	06.04.2024	6:00 AM	0.18	1.420	0.020	19.520	1.686
23	06.04.2024	7:00 AM	0.25	1.420	0.044	44.375	3.834
24	06.04.2024	8:00 AM	0.35	1.420	0.103	102.910	8.891
			Average		0.055	55.325	4.780

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Sadar Bazar Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	06.04.2024	9:00 AM	0.39	1.420	0.135	134.881	11.654
2	06.04.2024	10:00 AM	0.39	1.420	0.135	134.881	11.654
3	06.04.2024	11:00 AM	0.35	1.420	0.103	102.910	8.891
4	06.04.2024	12:00 PM	0.31	1.420	0.076	75.979	6.565
5	06.04.2024	1:00 PM	0.25	1.420	0.044	44.375	3.834
6	06.04.2024	2:00 PM	0.21	1.420	0.029	28.697	2.479
7	06.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	06.04.2024	4:00 PM	0.16	1.420	0.015	14.541	1.256
9	06.04.2024	5:00 PM	0.20	1.420	0.025	25.402	2.195
10	06.04.2024	6:00 PM	0.24	1.420	0.040	40.070	3.462
11	06.04.2024	7:00 PM	0.34	1.420	0.096	95.716	8.270
12	06.04.2024	8:00 PM	0.38	1.420	0.126	126.400	10.921
13	06.04.2024	9:00 PM	0.42	1.420	0.162	162.335	14.026
14	06.04.2024	10:00 PM	0.30	1.420	0.070	69.999	6.048
15	06.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	06.04.2024	12:00 AM	0.18	1.420	0.020	19.520	1.686
17	07.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	07.04.2024	2:00 AM	0.12	1.420	0.007	7.083	0.612
19	07.04.2024	3:00 AM	0.10	1.420	0.004	4.490	0.388
20	07.04.2024	4:00 AM	0.10	1.420	0.004	4.490	0.388
21	07.04.2024	5:00 AM	0.12	1.420	0.007	7.083	0.612
22	07.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	07.04.2024	7:00 AM	0.25	1.420	0.044	44.375	3.834
24	07.04.2024	8:00 AM	0.35	1.420	0.103	102.910	8.891
			Average		**0.055**	**55.418**	**4.788**

कार्यपालन अभियन्ता
नगर पालिका, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Sadar Bazar Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	07.04.2024	9:00 AM	0.43	1.420	0.172	172.171	14.876
2	07.04.2024	10:00 AM	0.37	1.420	0.118	118.248	10.217
3	07.04.2024	11:00 AM	0.35	1.420	0.103	102.910	8.891
4	07.04.2024	12:00 PM	0.30	1.420	0.070	69.999	6.048
5	07.04.2024	1:00 PM	0.25	1.420	0.044	44.375	3.834
6	07.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.462
7	07.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	07.04.2024	4:00 PM	0.17	1.420	0.017	16.920	1.462
9	07.04.2024	5:00 PM	0.19	1.420	0.022	22.345	1.931
10	07.04.2024	6:00 PM	0.24	1.420	0.040	40.070	3.462
11	07.04.2024	7:00 PM	0.34	1.420	0.096	95.716	8.270
12	07.04.2024	8:00 PM	0.39	1.420	0.135	134.881	11.654
13	07.04.2024	9:00 PM	0.41	1.420	0.153	152.844	13.206
14	07.04.2024	10:00 PM	0.30	1.420	0.070	69.999	6.048
15	07.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	07.04.2024	12:00 AM	0.18	1.420	0.020	19.520	1.686
17	08.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	08.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	08.04.2024	3:00 AM	0.10	1.420	0.004	4.490	0.388
20	08.04.2024	4:00 AM	0.10	1.420	0.004	4.490	0.388
21	08.04.2024	5:00 AM	0.14	1.420	0.010	10.414	0.900
22	08.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	08.04.2024	7:00 AM	0.25	1.420	0.044	44.375	3.834
24	08.04.2024	8:00 AM	0.34	1.420	0.096	95.716	8.270
			Average		0.055	55.373	4.784

पर्यवेक्षण अधिशासी
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Sadar Bazar Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	08.04.2024	9:00 AM	0.41	1.420	0.153	152.844	13.206
2	08.04.2024	10:00 AM	0.41	1.420	0.153	152.844	13.206
3	08.04.2024	11:00 AM	0.35	1.420	0.103	102.910	8.891
4	08.04.2024	12:00 PM	0.30	1.420	0.070	69.999	6.048
5	08.04.2024	1:00 PM	0.25	1.420	0.044	44.375	3.834
6	08.04.2024	2:00 PM	0.17	1.420	0.017	16.920	1.462
7	08.04.2024	3:00 PM	0.15	1.420	0.012	12.374	1.069
8	08.04.2024	4:00 PM	0.16	1.420	0.015	14.541	1.256
9	08.04.2024	5:00 PM	0.19	1.420	0.022	22.345	1.931
10	08.04.2024	6:00 PM	0.24	1.420	0.040	40.070	3.462
11	08.04.2024	7:00 PM	0.33	1.420	0.089	88.833	7.675
12	08.04.2024	8:00 PM	0.37	1.420	0.118	118.248	10.217
13	08.04.2024	9:00 PM	0.42	1.420	0.162	162.335	14.026
14	08.04.2024	10:00 PM	0.30	1.420	0.070	69.999	6.048
15	08.04.2024	11:00 PM	0.24	1.420	0.040	40.070	3.462
16	08.04.2024	12:00 AM	0.18	1.420	0.020	19.520	1.686
17	09.04.2024	1:00 AM	0.16	1.420	0.015	14.541	1.256
18	09.04.2024	2:00 AM	0.13	1.420	0.009	8.653	0.748
19	09.04.2024	3:00 AM	0.10	1.420	0.004	4.490	0.388
20	09.04.2024	4:00 AM	0.11	1.420	0.006	5.699	0.492
21	09.04.2024	5:00 AM	0.13	1.420	0.009	8.653	0.748
22	09.04.2024	6:00 AM	0.17	1.420	0.017	16.920	1.462
23	09.04.2024	7:00 AM	0.26	1.420	0.049	48.947	4.229
24	09.04.2024	8:00 AM	0.36	1.420	0.110	110.419	9.540
			Average		0.056	56.106	4.848
			Average				4.787

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name		Nehru Park Drain		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.031	31.470	2.719
2	Day 2	0.032	32.100	2.773
3	Day 3	0.033	32.572	2.814
4	Day 4	0.031	30.841	2.665
5	Day 5	0.031	31.156	2.692
6	Day 6	0.033	33.044	2.855
7	Day 7	0.029	29.110	2.515
AVERAGE		**0.031**	**31.470**	**2.719**

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Nehru Park Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.25	1.42	0.044	44.059	3.807
2	2/4/2024	9:00AM	0.26	1.42	0.050	50.353	4.350
3	2/4/2024	10:00AM	0.25	1.42	0.044	44.059	3.807
4	2/4/2024	11:00AM	0.23	1.42	0.038	37.764	3.263
5	2/4/2024	12:00:00	0.22	1.42	0.031	31.470	2.719
6	2/4/2024	1:00PM	0.20	1.42	0.025	25.176	2.175
7	2/4/2024	2:00PM	0.18	1.42	0.019	18.882	1.631
8	2/4/2024	3:00PM	0.15	1.42	0.013	12.588	1.088
9	2/4/2024	4:00PM	0.18	1.42	0.019	18.882	1.631
10	2/4/2024	5:00PM	0.20	1.42	0.025	25.176	2.175
11	2/4/2024	6:00PM	0.22	1.42	0.031	31.470	2.719
12	2/4/2024	7:00PM	0.23	1.42	0.038	37.764	3.263
13	2/4/2024	8:00PM	0.25	1.42	0.044	44.059	3.807
14	2/4/2024	9:00PM	0.26	1.42	0.050	50.353	4.350
15	2/4/2024	10:00PM	0.25	1.42	0.044	44.059	3.807
16	2/4/2024	11:00PM	0.23	1.42	0.038	37.764	3.263
17	2/4/2024	12:00AM	0.22	1.42	0.031	31.470	2.719
18	3/4/2024	1:00AM	0.20	1.42	0.025	25.176	2.175
19	3/4/2024	2:00AM	0.18	1.42	0.019	18.882	1.631
20	3/4/2024	3:00AM	0.15	1.42	0.013	12.588	1.088
21	3/4/2024	4:00AM	0.18	1.42	0.019	18.882	1.631
22	3/4/2024	5:00AM	0.20	1.42	0.025	25.176	2.175
23	3/4/2024	6:00AM	0.22	1.42	0.031	31.470	2.719
24	3/4/2024	7:00AM	0.23	1.42	0.038	37.764	3.263
AVERAGE					0.031	31.470	2.719

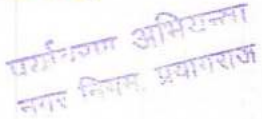
पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Nehru Park Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.25	1.42	0.044	44.268	3.825
2	3/4/2024	9:00AM	0.26	1.42	0.050	50.353	4.350
3	3/4/2024	10:00AM	0.25	1.42	0.044	44.268	3.825
4	3/4/2024	11:00AM	0.24	1.42	0.038	38.184	3.299
5	3/4/2024	12:00	0.22	1.42	0.032	32.100	2.773
6	3/4/2024	1:00PM	0.20	1.42	0.026	26.016	2.248
7	3/4/2024	2:00PM	0.18	1.42	0.020	19.931	1.722
8	3/4/2024	3:00PM	0.16	1.42	0.014	13.847	1.196
9	3/4/2024	4:00PM	0.18	1.42	0.020	19.931	1.722
10	3/4/2024	5:00PM	0.20	1.42	0.026	26.016	2.248
11	3/4/2024	6:00PM	0.22	1.42	0.032	32.100	2.773
12	3/4/2024	7:00PM	0.24	1.42	0.038	38.184	3.299
13	3/4/2024	8:00PM	0.25	1.42	0.044	44.268	3.825
14	3/4/2024	9:00PM	0.26	1.42	0.050	50.353	4.350
15	3/4/2024	10:00PM	0.25	1.42	0.044	44.268	3.825
16	3/4/2024	11:00PM	0.24	1.42	0.038	38.184	3.299
17	3/4/2024	12:00AM	0.22	1.42	0.032	32.100	2.773
18	4/4/2024	1:00AM	0.20	1.42	0.026	26.016	2.248
19	4/4/2024	2:00AM	0.18	1.42	0.020	19.931	1.722
20	4/4/2024	3:00AM	0.16	1.42	0.014	13.847	1.196
21	4/4/2024	4:00AM	0.18	1.42	0.020	19.931	1.722
22	4/4/2024	5:00AM	0.20	1.42	0.026	26.016	2.248
23	4/4/2024	6:00AM	0.22	1.42	0.032	32.100	2.773
24	4/4/2024	7:00AM	0.24	1.42	0.038	38.184	3.299
AVERAGE					0.032	32.100	2.773

कार्यपालन अभियन्ता
नगर नि.ख., प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Nehru Park Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.25	1.42	0.046	46.104	3.983
2	4/4/2024	9:00AM	0.27	1.42	0.053	52.870	4.568
3	4/4/2024	10:00AM	0.25	1.42	0.046	46.104	3.983
4	4/4/2024	11:00AM	0.24	1.42	0.039	39.338	3.399
5	4/4/2024	12:00	0.22	1.42	0.033	32.572	2.814
6	4/4/2024	1:00PM	0.20	1.42	0.026	25.806	2.230
7	4/4/2024	2:00PM	0.18	1.42	0.019	19.040	1.645
8	4/4/2024	3:00PM	0.15	1.42	0.012	12.273	1.060
9	4/4/2024	4:00PM	0.18	1.42	0.019	19.040	1.645
10	4/4/2024	5:00PM	0.20	1.42	0.026	25.806	2.230
11	4/4/2024	6:00PM	0.22	1.42	0.033	32.572	2.814
12	4/4/2024	7:00PM	0.24	1.42	0.039	39.338	3.399
13	4/4/2024	8:00PM	0.25	1.42	0.046	46.104	3.983
14	4/4/2024	9:00PM	0.27	1.42	0.053	52.870	4.568
15	4/4/2024	10:00PM	0.25	1.42	0.046	46.104	3.983
16	4/4/2024	11:00PM	0.24	1.42	0.039	39.338	3.399
17	4/4/2024	12:00AM	0.22	1.42	0.033	32.572	2.814
18	5/4/2024	1:00AM	0.20	1.42	0.026	25.806	2.230
19	5/4/2024	2:00AM	0.18	1.42	0.019	19.040	1.645
20	5/4/2024	3:00AM	0.15	1.42	0.012	12.273	1.060
21	5/4/2024	4:00AM	0.18	1.42	0.019	19.040	1.645
22	5/4/2024	5:00AM	0.20	1.42	0.026	25.806	2.230
23	5/4/2024	6:00AM	0.22	1.42	0.033	32.572	2.814
24	5/4/2024	7:00AM	0.24	1.42	0.039	39.338	3.399
AVERAGE					0.033	32.572	2.814





Discharge Measurement Through V-Notch Weir Method							
Drain Name				Nehru Park Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.25	1.42	0.043	43.010	3.716
2	5/4/2024	9:00AM	0.26	1.42	0.049	49.094	4.242
3	5/4/2024	10:00AM	0.25	1.42	0.043	43.010	3.716
4	5/4/2024	11:00AM	0.23	1.42	0.037	36.925	3.190
5	5/4/2024	12:00	0.22	1.42	0.031	30.841	2.665
6	5/4/2024	1:00PM	0.20	1.42	0.025	24.757	2.139
7	5/4/2024	2:00PM	0.18	1.42	0.019	18.672	1.613
8	5/4/2024	3:00PM	0.15	1.42	0.013	12.588	1.088
9	5/4/2024	4:00PM	0.18	1.42	0.019	18.672	1.613
10	5/4/2024	5:00PM	0.20	1.42	0.025	24.757	2.139
11	5/4/2024	6:00PM	0.22	1.42	0.031	30.841	2.665
12	5/4/2024	7:00PM	0.23	1.42	0.037	36.925	3.190
13	5/4/2024	8:00PM	0.25	1.42	0.043	43.010	3.716
14	5/4/2024	9:00PM	0.26	1.42	0.049	49.094	4.242
15	5/4/2024	10:00PM	0.25	1.42	0.043	43.010	3.716
16	5/4/2024	11:00PM	0.23	1.42	0.037	36.925	3.190
17	5/4/2024	12:00AM	0.22	1.42	0.031	30.841	2.665
18	6/4/2024	1:00AM	0.20	1.42	0.025	24.757	2.139
19	6/4/2024	2:00AM	0.18	1.42	0.019	18.672	1.613
20	6/4/2024	3:00AM	0.15	1.42	0.013	12.588	1.088
21	6/4/2024	4:00AM	0.18	1.42	0.019	18.672	1.613
22	6/4/2024	5:00AM	0.20	1.42	0.025	24.757	2.139
23	6/4/2024	6:00AM	0.22	1.42	0.031	30.841	2.665
24	6/4/2024	7:00AM	0.23	1.42	0.037	36.925	3.190
AVERAGE					0.031	30.841	2.665

पर्यावरण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Nehru Park Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.25	1.42	0.044	43.954	3.798
2	6/4/2024	9:00AM	0.26	1.42	0.050	50.353	4.350
3	6/4/2024	10:00AM	0.25	1.42	0.044	43.954	3.798
4	6/4/2024	11:00AM	0.23	1.42	0.038	37.555	3.245
5	6/4/2024	12:00	0.22	1.42	0.031	31.156	2.692
6	6/4/2024	1:00PM	0.20	1.42	0.025	24.757	2.139
7	6/4/2024	2:00PM	0.18	1.42	0.018	18.358	1.586
8	6/4/2024	3:00PM	0.15	1.42	0.012	11.959	1.033
9	6/4/2024	4:00PM	0.18	1.42	0.018	18.358	1.586
10	6/4/2024	5:00PM	0.20	1.42	0.025	24.757	2.139
11	6/4/2024	6:00PM	0.22	1.42	0.031	31.156	2.692
12	6/4/2024	7:00PM	0.23	1.42	0.038	37.555	3.245
13	6/4/2024	8:00PM	0.25	1.42	0.044	43.954	3.798
14	6/4/2024	9:00PM	0.26	1.42	0.050	50.353	4.350
15	6/4/2024	10:00PM	0.25	1.42	0.044	43.954	3.798
16	6/4/2024	11:00PM	0.23	1.42	0.038	37.555	3.245
17	6/4/2024	12:00AM	0.22	1.42	0.031	31.156	2.692
18	7/4/2024	1:00AM	0.20	1.42	0.025	24.757	2.139
19	7/4/2024	2:00AM	0.18	1.42	0.018	18.358	1.586
20	7/4/2024	3:00AM	0.15	1.42	0.012	11.959	1.033
21	7/4/2024	4:00AM	0.18	1.42	0.018	18.358	1.586
22	7/4/2024	5:00AM	0.20	1.42	0.025	24.757	2.139
23	7/4/2024	6:00AM	0.22	1.42	0.031	31.156	2.692
24	7/4/2024	7:00AM	0.23	1.42	0.038	37.555	3.245
AVERAGE					0.031	31.156	2.692

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Nehru Park Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.25	1.42	0.043	42.905	3.707
2	7/4/2024	9:00AM	0.26	1.42	0.048	47.835	4.133
3	7/4/2024	10:00AM	0.25	1.42	0.043	42.905	3.707
4	7/4/2024	11:00AM	0.23	1.42	0.038	37.974	3.281
5	7/4/2024	12:00	0.22	1.42	0.033	33.044	2.855
6	7/4/2024	1:00PM	0.21	1.42	0.028	28.114	2.429
7	7/4/2024	2:00PM	0.19	1.42	0.023	23.183	2.003
8	7/4/2024	3:00PM	0.18	1.42	0.018	18.253	1.577
9	7/4/2024	4:00PM	0.19	1.42	0.023	23.183	2.003
10	7/4/2024	5:00PM	0.21	1.42	0.028	28.114	2.429
11	7/4/2024	6:00PM	0.22	1.42	0.033	33.044	2.855
12	7/4/2024	7:00PM	0.23	1.42	0.038	37.974	3.281
13	7/4/2024	8:00PM	0.25	1.42	0.043	42.905	3.707
14	7/4/2024	9:00PM	0.26	1.42	0.048	47.835	4.133
15	7/4/2024	10:00PM	0.25	1.42	0.043	42.905	3.707
16	7/4/2024	11:00PM	0.23	1.42	0.038	37.974	3.281
17	7/4/2024	12:00AM	0.22	1.42	0.033	33.044	2.855
18	8/4/2024	1:00AM	0.21	1.42	0.028	28.114	2.429
19	8/4/2024	2:00AM	0.19	1.42	0.023	23.183	2.003
20	8/4/2024	3:00AM	0.18	1.42	0.018	18.253	1.577
21	8/4/2024	4:00AM	0.19	1.42	0.023	23.183	2.003
22	8/4/2024	5:00AM	0.21	1.42	0.028	28.114	2.429
23	8/4/2024	6:00AM	0.22	1.42	0.033	33.044	2.855
24	8/4/2024	7:00AM	0.23	1.42	0.038	37.974	3.281
AVERAGE					0.033	33.044	2.855

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name			Nehru Park Drain				
Drain No.			1				
Formula			$Q= 1.42\ H^{2.5}$				
g= 9.806 m/Sec2					θ= 90°		
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.24	1.42	0.041	41.174	3.557
2	8/4/2024	9:00AM	0.26	1.42	0.047	47.206	4.079
3	8/4/2024	10:00AM	0.24	1.42	0.041	41.174	3.557
4	8/4/2024	11:00AM	0.23	1.42	0.035	35.142	3.036
5	8/4/2024	12:00	0.21	1.42	0.029	29.110	2.515
6	8/4/2024	1:00PM	0.19	1.42	0.023	23.078	1.994
7	8/4/2024	2:00PM	0.17	1.42	0.017	17.046	1.473
8	8/4/2024	3:00PM	0.14	1.42	0.011	11.015	0.952
9	8/4/2024	4:00PM	0.17	1.42	0.017	17.046	1.473
10	8/4/2024	5:00PM	0.19	1.42	0.023	23.078	1.994
11	8/4/2024	6:00PM	0.21	1.42	0.029	29.110	2.515
12	8/4/2024	7:00PM	0.23	1.42	0.035	35.142	3.036
13	8/4/2024	8:00PM	0.24	1.42	0.041	41.174	3.557
14	8/4/2024	9:00PM	0.26	1.42	0.047	47.206	4.079
15	8/4/2024	10:00PM	0.24	1.42	0.041	41.174	3.557
16	8/4/2024	11:00PM	0.23	1.42	0.035	35.142	3.036
17	8/4/2024	12:00AM	0.21	1.42	0.029	29.110	2.515
18	9/4/2024	1:00AM	0.19	1.42	0.023	23.078	1.994
19	9/4/2024	2:00AM	0.17	1.42	0.017	17.046	1.473
20	9/4/2024	3:00AM	0.14	1.42	0.011	11.015	0.952
21	9/4/2024	4:00AM	0.17	1.42	0.017	17.046	1.473
22	9/4/2024	5:00AM	0.19	1.42	0.023	23.078	1.994
23	9/4/2024	6:00AM	0.21	1.42	0.029	29.110	2.515
24	9/4/2024	7:00AM	0.23	1.42	0.035	35.142	3.036
AVERAGE					0.029	29.110	2.515

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name			Yadavpur Drain	
Drain No.			1	
Formula			$Q= 1.42\ H^{2.5}$	
g= 9.806 m/Sec2			θ= 90°	
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.007	7.173	0.620
2	Day 2	0.007	7.317	0.632
3	Day 3	0.007	7.424	0.641
4	Day 4	0.007	7.030	0.607
5	Day 5	0.007	7.102	0.614
6	Day 6	0.008	7.532	0.651
7	Day 7	0.007	6.635	0.573
AVERAGE		**0.007**	**7.173**	**0.620**

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Yadavpur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.14	1.42	0.010	10.043	0.868
2	2/4/2024	9:00AM	0.15	1.42	0.011	11.477	0.992
3	2/4/2024	10:00AM	0.14	1.42	0.010	10.043	0.868
4	2/4/2024	11:00AM	0.13	1.42	0.009	8.608	0.744
5	2/4/2024	12:00:00	0.12	1.42	0.007	7.173	0.620
6	2/4/2024	1:00PM	0.11	1.42	0.006	5.739	0.496
7	2/4/2024	2:00PM	0.10	1.42	0.004	4.304	0.372
8	2/4/2024	3:00PM	0.08	1.42	0.003	2.869	0.248
9	2/4/2024	4:00PM	0.10	1.42	0.004	4.304	0.372
10	2/4/2024	5:00PM	0.11	1.42	0.006	5.739	0.496
11	2/4/2024	6:00PM	0.12	1.42	0.007	7.173	0.620
12	2/4/2024	7:00PM	0.13	1.42	0.009	8.608	0.744
13	2/4/2024	8:00PM	0.14	1.42	0.010	10.043	0.868
14	2/4/2024	9:00PM	0.15	1.42	0.011	11.477	0.992
15	2/4/2024	10:00PM	0.14	1.42	0.010	10.043	0.868
16	2/4/2024	11:00PM	0.13	1.42	0.009	8.608	0.744
17	2/4/2024	12:00AM	0.12	1.42	0.007	7.173	0.620
18	3/4/2024	1:00AM	0.11	1.42	0.006	5.739	0.496
19	3/4/2024	2:00AM	0.10	1.42	0.004	4.304	0.372
20	3/4/2024	3:00AM	0.08	1.42	0.003	2.869	0.248
21	3/4/2024	4:00AM	0.10	1.42	0.004	4.304	0.372
22	3/4/2024	5:00AM	0.11	1.42	0.006	5.739	0.496
23	3/4/2024	6:00AM	0.12	1.42	0.007	7.173	0.620
24	3/4/2024	7:00AM	0.13	1.42	0.009	8.608	0.744
AVERAGE					0.007	7.173	0.620

कार्यपालन अधिकारी
जल निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Yadavpur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.14	1.42	0.010	10.091	0.872
2	3/4/2024	9:00AM	0.15	1.42	0.011	11.477	0.992
3	3/4/2024	10:00AM	0.14	1.42	0.010	10.091	0.872
4	3/4/2024	11:00AM	0.13	1.42	0.009	8.704	0.752
5	3/4/2024	12:00	0.12	1.42	0.007	7.317	0.632
6	3/4/2024	1:00PM	0.11	1.42	0.006	5.930	0.512
7	3/4/2024	2:00PM	0.10	1.42	0.005	4.543	0.393
8	3/4/2024	3:00PM	0.09	1.42	0.003	3.156	0.273
9	3/4/2024	4:00PM	0.10	1.42	0.005	4.543	0.393
10	3/4/2024	5:00PM	0.11	1.42	0.006	5.930	0.512
11	3/4/2024	6:00PM	0.12	1.42	0.007	7.317	0.632
12	3/4/2024	7:00PM	0.13	1.42	0.009	8.704	0.752
13	3/4/2024	8:00PM	0.14	1.42	0.010	10.091	0.872
14	3/4/2024	9:00PM	0.15	1.42	0.011	11.477	0.992
15	3/4/2024	10:00PM	0.14	1.42	0.010	10.091	0.872
16	3/4/2024	11:00PM	0.13	1.42	0.009	8.704	0.752
17	3/4/2024	12:00AM	0.12	1.42	0.007	7.317	0.632
18	4/4/2024	1:00AM	0.11	1.42	0.006	5.930	0.512
19	4/4/2024	2:00AM	0.10	1.42	0.005	4.543	0.393
20	4/4/2024	3:00AM	0.09	1.42	0.003	3.156	0.273
21	4/4/2024	4:00AM	0.10	1.42	0.005	4.543	0.393
22	4/4/2024	5:00AM	0.11	1.42	0.006	5.930	0.512
23	4/4/2024	6:00AM	0.12	1.42	0.007	7.317	0.632
24	4/4/2024	7:00AM	0.13	1.42	0.009	8.704	0.752
AVERAGE					0.007	7.317	0.632

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Yadavpur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.14	1.42	0.011	10.509	0.908
2	4/4/2024	9:00AM	0.15	1.42	0.012	12.051	1.041
3	4/4/2024	10:00AM	0.14	1.42	0.011	10.509	0.908
4	4/4/2024	11:00AM	0.13	1.42	0.009	8.967	0.775
5	4/4/2024	12:00	0.12	1.42	0.007	7.424	0.641
6	4/4/2024	1:00PM	0.11	1.42	0.006	5.882	0.508
7	4/4/2024	2:00PM	0.10	1.42	0.004	4.340	0.375
8	4/4/2024	3:00PM	0.08	1.42	0.003	2.798	0.242
9	4/4/2024	4:00PM	0.10	1.42	0.004	4.340	0.375
10	4/4/2024	5:00PM	0.11	1.42	0.006	5.882	0.508
11	4/4/2024	6:00PM	0.12	1.42	0.007	7.424	0.641
12	4/4/2024	7:00PM	0.13	1.42	0.009	8.967	0.775
13	4/4/2024	8:00PM	0.14	1.42	0.011	10.509	0.908
14	4/4/2024	9:00PM	0.15	1.42	0.012	12.051	1.041
15	4/4/2024	10:00PM	0.14	1.42	0.011	10.509	0.908
16	4/4/2024	11:00PM	0.13	1.42	0.009	8.967	0.775
17	4/4/2024	12:00AM	0.12	1.42	0.007	7.424	0.641
18	5/4/2024	1:00AM	0.11	1.42	0.006	5.882	0.508
19	5/4/2024	2:00AM	0.10	1.42	0.004	4.340	0.375
20	5/4/2024	3:00AM	0.08	1.42	0.003	2.798	0.242
21	5/4/2024	4:00AM	0.10	1.42	0.004	4.340	0.375
22	5/4/2024	5:00AM	0.11	1.42	0.006	5.882	0.508
23	5/4/2024	6:00AM	0.12	1.42	0.007	7.424	0.641
24	5/4/2024	7:00AM	0.13	1.42	0.009	8.967	0.775
AVERAGE					0.007	7.424	0.641



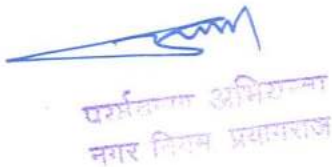
Discharge Measurement Through V-Notch Weir Method							
Drain Name				Yadavpur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.14	1.42	0.010	9.804	0.847
2	5/4/2024	9:00AM	0.14	1.42	0.011	11.191	0.967
3	5/4/2024	10:00AM	0.14	1.42	0.010	9.804	0.847
4	5/4/2024	11:00AM	0.13	1.42	0.008	8.417	0.727
5	5/4/2024	12:00	0.12	1.42	0.007	7.030	0.607
6	5/4/2024	1:00PM	0.11	1.42	0.006	5.643	0.488
7	5/4/2024	2:00PM	0.10	1.42	0.004	4.256	0.368
8	5/4/2024	3:00PM	0.08	1.42	0.003	2.869	0.248
9	5/4/2024	4:00PM	0.10	1.42	0.004	4.256	0.368
10	5/4/2024	5:00PM	0.11	1.42	0.006	5.643	0.488
11	5/4/2024	6:00PM	0.12	1.42	0.007	7.030	0.607
12	5/4/2024	7:00PM	0.13	1.42	0.008	8.417	0.727
13	5/4/2024	8:00PM	0.14	1.42	0.010	9.804	0.847
14	5/4/2024	9:00PM	0.14	1.42	0.011	11.191	0.967
15	5/4/2024	10:00PM	0.14	1.42	0.010	9.804	0.847
16	5/4/2024	11:00PM	0.13	1.42	0.008	8.417	0.727
17	5/4/2024	12:00AM	0.12	1.42	0.007	7.030	0.607
18	6/4/2024	1:00AM	0.11	1.42	0.006	5.643	0.488
19	6/4/2024	2:00AM	0.10	1.42	0.004	4.256	0.368
20	6/4/2024	3:00AM	0.08	1.42	0.003	2.869	0.248
21	6/4/2024	4:00AM	0.10	1.42	0.004	4.256	0.368
22	6/4/2024	5:00AM	0.11	1.42	0.006	5.643	0.488
23	6/4/2024	6:00AM	0.12	1.42	0.007	7.030	0.607
24	6/4/2024	7:00AM	0.13	1.42	0.008	8.417	0.727
AVERAGE					0.007	7.030	0.607

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Yadavpur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.14	1.42	0.010	10.019	0.866
2	6/4/2024	9:00AM	0.15	1.42	0.011	11.477	0.992
3	6/4/2024	10:00AM	0.14	1.42	0.010	10.019	0.866
4	6/4/2024	11:00AM	0.13	1.42	0.009	8.560	0.740
5	6/4/2024	12:00	0.12	1.42	0.007	7.102	0.614
6	6/4/2024	1:00PM	0.11	1.42	0.006	5.643	0.488
7	6/4/2024	2:00PM	0.10	1.42	0.004	4.184	0.362
8	6/4/2024	3:00PM	0.08	1.42	0.003	2.726	0.236
9	6/4/2024	4:00PM	0.10	1.42	0.004	4.184	0.362
10	6/4/2024	5:00PM	0.11	1.42	0.006	5.643	0.488
11	6/4/2024	6:00PM	0.12	1.42	0.007	7.102	0.614
12	6/4/2024	7:00PM	0.13	1.42	0.009	8.560	0.740
13	6/4/2024	8:00PM	0.14	1.42	0.010	10.019	0.866
14	6/4/2024	9:00PM	0.15	1.42	0.011	11.477	0.992
15	6/4/2024	10:00PM	0.14	1.42	0.010	10.019	0.866
16	6/4/2024	11:00PM	0.13	1.42	0.009	8.560	0.740
17	6/4/2024	12:00AM	0.12	1.42	0.007	7.102	0.614
18	7/4/2024	1:00AM	0.11	1.42	0.006	5.643	0.488
19	7/4/2024	2:00AM	0.10	1.42	0.004	4.184	0.362
20	7/4/2024	3:00AM	0.08	1.42	0.003	2.726	0.236
21	7/4/2024	4:00AM	0.10	1.42	0.004	4.184	0.362
22	7/4/2024	5:00AM	0.11	1.42	0.006	5.643	0.488
23	7/4/2024	6:00AM	0.12	1.42	0.007	7.102	0.614
24	7/4/2024	7:00AM	0.13	1.42	0.009	8.560	0.740
AVERAGE					0.007	7.102	0.614

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Yadavpur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.14	1.42	0.010	9.780	0.845
2	7/4/2024	9:00AM	0.14	1.42	0.011	10.904	0.942
3	7/4/2024	10:00AM	0.14	1.42	0.010	9.780	0.845
4	7/4/2024	11:00AM	0.13	1.42	0.009	8.656	0.748
5	7/4/2024	12:00	0.12	1.42	0.008	7.532	0.651
6	7/4/2024	1:00PM	0.12	1.42	0.006	6.408	0.554
7	7/4/2024	2:00PM	0.11	1.42	0.005	5.284	0.457
8	7/4/2024	3:00PM	0.10	1.42	0.004	4.161	0.359
9	7/4/2024	4:00PM	0.11	1.42	0.005	5.284	0.457
10	7/4/2024	5:00PM	0.12	1.42	0.006	6.408	0.554
11	7/4/2024	6:00PM	0.12	1.42	0.008	7.532	0.651
12	7/4/2024	7:00PM	0.13	1.42	0.009	8.656	0.748
13	7/4/2024	8:00PM	0.14	1.42	0.010	9.780	0.845
14	7/4/2024	9:00PM	0.14	1.42	0.011	10.904	0.942
15	7/4/2024	10:00PM	0.14	1.42	0.010	9.780	0.845
16	7/4/2024	11:00PM	0.13	1.42	0.009	8.656	0.748
17	7/4/2024	12:00AM	0.12	1.42	0.008	7.532	0.651
18	8/4/2024	1:00AM	0.12	1.42	0.006	6.408	0.554
19	8/4/2024	2:00AM	0.11	1.42	0.005	5.284	0.457
20	8/4/2024	3:00AM	0.10	1.42	0.004	4.161	0.359
21	8/4/2024	4:00AM	0.11	1.42	0.005	5.284	0.457
22	8/4/2024	5:00AM	0.12	1.42	0.006	6.408	0.554
23	8/4/2024	6:00AM	0.12	1.42	0.008	7.532	0.651
24	8/4/2024	7:00AM	0.13	1.42	0.009	8.656	0.748
AVERAGE					0.008	7.532	0.651



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Yadavpur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.13	1.42	0.009	9.385	0.811
2	8/4/2024	9:00AM	0.14	1.42	0.011	10.760	0.930
3	8/4/2024	10:00AM	0.13	1.42	0.009	9.385	0.811
4	8/4/2024	11:00AM	0.13	1.42	0.008	8.010	0.692
5	8/4/2024	12:00	0.12	1.42	0.007	6.635	0.573
6	8/4/2024	1:00PM	0.11	1.42	0.005	5.260	0.455
7	8/4/2024	2:00PM	0.09	1.42	0.004	3.886	0.336
8	8/4/2024	3:00PM	0.08	1.42	0.003	2.511	0.217
9	8/4/2024	4:00PM	0.09	1.42	0.004	3.886	0.336
10	8/4/2024	5:00PM	0.11	1.42	0.005	5.260	0.455
11	8/4/2024	6:00PM	0.12	1.42	0.007	6.635	0.573
12	8/4/2024	7:00PM	0.13	1.42	0.008	8.010	0.692
13	8/4/2024	8:00PM	0.13	1.42	0.009	9.385	0.811
14	8/4/2024	9:00PM	0.14	1.42	0.011	10.760	0.930
15	8/4/2024	10:00PM	0.13	1.42	0.009	9.385	0.811
16	8/4/2024	11:00PM	0.13	1.42	0.008	8.010	0.692
17	8/4/2024	12:00AM	0.12	1.42	0.007	6.635	0.573
18	9/4/2024	1:00AM	0.11	1.42	0.005	5.260	0.455
19	9/4/2024	2:00AM	0.09	1.42	0.004	3.886	0.336
20	9/4/2024	3:00AM	0.08	1.42	0.003	2.511	0.217
21	9/4/2024	4:00AM	0.09	1.42	0.004	3.886	0.336
22	9/4/2024	5:00AM	0.11	1.42	0.005	5.260	0.455
23	9/4/2024	6:00AM	0.12	1.42	0.007	6.635	0.573
24	9/4/2024	7:00AM	0.13	1.42	0.008	8.010	0.692
AVERAGE					0.007	6.635	0.573



वर्गीकरण अभियन्ता
नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name		Dariyabad Jogighat Drain Meerapur		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.006	5.901	0.510
2	Day 2	0.006	6.019	0.520
3	Day 3	0.006	6.107	0.528
4	Day 4	0.006	5.783	0.500
5	Day 5	0.006	5.842	0.505
6	Day 6	0.006	6.196	0.535
7	Day 7	0.005	5.458	0.472
AVERAGE		**0.006**	**5.901**	**0.510**

उपखण्ड अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Jogighat Drain Meerapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.13	1.42	0.008	8.261	0.714
2	2/4/2024	9:00AM	0.13	1.42	0.009	9.441	0.816
3	2/4/2024	10:00AM	0.13	1.42	0.008	8.261	0.714
4	2/4/2024	11:00AM	0.12	1.42	0.007	7.081	0.612
5	2/4/2024	12:00:00	0.11	1.42	0.006	5.901	0.510
6	2/4/2024	1:00PM	0.10	1.42	0.005	4.721	0.408
7	2/4/2024	2:00PM	0.09	1.42	0.004	3.540	0.306
8	2/4/2024	3:00PM	0.08	1.42	0.002	2.360	0.204
9	2/4/2024	4:00PM	0.09	1.42	0.004	3.540	0.306
10	2/4/2024	5:00PM	0.10	1.42	0.005	4.721	0.408
11	2/4/2024	6:00PM	0.11	1.42	0.006	5.901	0.510
12	2/4/2024	7:00PM	0.12	1.42	0.007	7.081	0.612
13	2/4/2024	8:00PM	0.13	1.42	0.008	8.261	0.714
14	2/4/2024	9:00PM	0.13	1.42	0.009	9.441	0.816
15	2/4/2024	10:00PM	0.13	1.42	0.008	8.261	0.714
16	2/4/2024	11:00PM	0.12	1.42	0.007	7.081	0.612
17	2/4/2024	12:00AM	0.11	1.42	0.006	5.901	0.510
18	3/4/2024	1:00AM	0.10	1.42	0.005	4.721	0.408
19	3/4/2024	2:00AM	0.09	1.42	0.004	3.540	0.306
20	3/4/2024	3:00AM	0.08	1.42	0.002	2.360	0.204
21	3/4/2024	4:00AM	0.09	1.42	0.004	3.540	0.306
22	3/4/2024	5:00AM	0.10	1.42	0.005	4.721	0.408
23	3/4/2024	6:00AM	0.11	1.42	0.006	5.901	0.510
24	3/4/2024	7:00AM	0.12	1.42	0.007	7.081	0.612
AVERAGE					0.006	5.901	0.510

परियोजना अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Jogighat Drain Meerapur			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.13	1.42	0.008	8.300	0.717
2	3/4/2024	9:00AM	0.13	1.42	0.009	9.441	0.816
3	3/4/2024	10:00AM	0.13	1.42	0.008	8.300	0.717
4	3/4/2024	11:00AM	0.12	1.42	0.007	7.160	0.619
5	3/4/2024	12:00	0.11	1.42	0.006	6.019	0.520
6	3/4/2024	1:00PM	0.10	1.42	0.005	4.878	0.421
7	3/4/2024	2:00PM	0.09	1.42	0.004	3.737	0.323
8	3/4/2024	3:00PM	0.08	1.42	0.003	2.596	0.224
9	3/4/2024	4:00PM	0.09	1.42	0.004	3.737	0.323
10	3/4/2024	5:00PM	0.10	1.42	0.005	4.878	0.421
11	3/4/2024	6:00PM	0.11	1.42	0.006	6.019	0.520
12	3/4/2024	7:00PM	0.12	1.42	0.007	7.160	0.619
13	3/4/2024	8:00PM	0.13	1.42	0.008	8.300	0.717
14	3/4/2024	9:00PM	0.13	1.42	0.009	9.441	0.816
15	3/4/2024	10:00PM	0.13	1.42	0.008	8.300	0.717
16	3/4/2024	11:00PM	0.12	1.42	0.007	7.160	0.619
17	3/4/2024	12:00AM	0.11	1.42	0.006	6.019	0.520
18	4/4/2024	1:00AM	0.10	1.42	0.005	4.878	0.421
19	4/4/2024	2:00AM	0.09	1.42	0.004	3.737	0.323
20	4/4/2024	3:00AM	0.08	1.42	0.003	2.596	0.224
21	4/4/2024	4:00AM	0.09	1.42	0.004	3.737	0.323
22	4/4/2024	5:00AM	0.10	1.42	0.005	4.878	0.421
23	4/4/2024	6:00AM	0.11	1.42	0.006	6.019	0.520
24	4/4/2024	7:00AM	0.12	1.42	0.007	7.160	0.619
AVERAGE					0.006	6.019	0.520



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Jogighat Drain Meerapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.13	1.42	0.009	8.645	0.747
2	4/4/2024	9:00AM	0.14	1.42	0.010	9.913	0.857
3	4/4/2024	10:00AM	0.13	1.42	0.009	8.645	0.747
4	4/4/2024	11:00AM	0.12	1.42	0.007	7.376	0.637
5	4/4/2024	12:00	0.11	1.42	0.006	6.107	0.528
6	4/4/2024	1:00PM	0.10	1.42	0.005	4.839	0.418
7	4/4/2024	2:00PM	0.09	1.42	0.004	3.570	0.308
8	4/4/2024	3:00PM	0.08	1.42	0.002	2.301	0.199
9	4/4/2024	4:00PM	0.09	1.42	0.004	3.570	0.308
10	4/4/2024	5:00PM	0.10	1.42	0.005	4.839	0.418
11	4/4/2024	6:00PM	0.11	1.42	0.006	6.107	0.528
12	4/4/2024	7:00PM	0.12	1.42	0.007	7.376	0.637
13	4/4/2024	8:00PM	0.13	1.42	0.009	8.645	0.747
14	4/4/2024	9:00PM	0.14	1.42	0.010	9.913	0.857
15	4/4/2024	10:00PM	0.13	1.42	0.009	8.645	0.747
16	4/4/2024	11:00PM	0.12	1.42	0.007	7.376	0.637
17	4/4/2024	12:00AM	0.11	1.42	0.006	6.107	0.528
18	5/4/2024	1:00AM	0.10	1.42	0.005	4.839	0.418
19	5/4/2024	2:00AM	0.09	1.42	0.004	3.570	0.308
20	5/4/2024	3:00AM	0.08	1.42	0.002	2.301	0.199
21	5/4/2024	4:00AM	0.09	1.42	0.004	3.570	0.308
22	5/4/2024	5:00AM	0.10	1.42	0.005	4.839	0.418
23	5/4/2024	6:00AM	0.11	1.42	0.006	6.107	0.528
24	5/4/2024	7:00AM	0.12	1.42	0.007	7.376	0.637
AVERAGE					0.006	6.107	0.528

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Jogighat Drain Meerapur			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.13	1.42	0.008	8.064	0.697
2	5/4/2024	9:00AM	0.13	1.42	0.009	9.205	0.795
3	5/4/2024	10:00AM	0.13	1.42	0.008	8.064	0.697
4	5/4/2024	11:00AM	0.12	1.42	0.007	6.923	0.598
5	5/4/2024	12:00	0.11	1.42	0.006	5.783	0.500
6	5/4/2024	1:00PM	0.10	1.42	0.005	4.642	0.401
7	5/4/2024	2:00PM	0.09	1.42	0.004	3.501	0.302
8	5/4/2024	3:00PM	0.08	1.42	0.002	2.360	0.204
9	5/4/2024	4:00PM	0.09	1.42	0.004	3.501	0.302
10	5/4/2024	5:00PM	0.10	1.42	0.005	4.642	0.401
11	5/4/2024	6:00PM	0.11	1.42	0.006	5.783	0.500
12	5/4/2024	7:00PM	0.12	1.42	0.007	6.923	0.598
13	5/4/2024	8:00PM	0.13	1.42	0.008	8.064	0.697
14	5/4/2024	9:00PM	0.13	1.42	0.009	9.205	0.795
15	5/4/2024	10:00PM	0.13	1.42	0.008	8.064	0.697
16	5/4/2024	11:00PM	0.12	1.42	0.007	6.923	0.598
17	5/4/2024	12:00AM	0.11	1.42	0.006	5.783	0.500
18	6/4/2024	1:00AM	0.10	1.42	0.005	4.642	0.401
19	6/4/2024	2:00AM	0.09	1.42	0.004	3.501	0.302
20	6/4/2024	3:00AM	0.08	1.42	0.002	2.360	0.204
21	6/4/2024	4:00AM	0.09	1.42	0.004	3.501	0.302
22	6/4/2024	5:00AM	0.10	1.42	0.005	4.642	0.401
23	6/4/2024	6:00AM	0.11	1.42	0.006	5.783	0.500
24	6/4/2024	7:00AM	0.12	1.42	0.007	6.923	0.598
AVERAGE					0.006	5.783	0.500

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Jogighat Drain Meerapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.13	1.42	0.008	8.241	0.712
2	6/4/2024	9:00AM	0.13	1.42	0.009	9.441	0.816
3	6/4/2024	10:00AM	0.13	1.42	0.008	8.241	0.712
4	6/4/2024	11:00AM	0.12	1.42	0.007	7.042	0.608
5	6/4/2024	12:00	0.11	1.42	0.006	5.842	0.505
6	6/4/2024	1:00PM	0.10	1.42	0.005	4.642	0.401
7	6/4/2024	2:00PM	0.09	1.42	0.003	3.442	0.297
8	6/4/2024	3:00PM	0.08	1.42	0.002	2.242	0.194
9	6/4/2024	4:00PM	0.09	1.42	0.003	3.442	0.297
10	6/4/2024	5:00PM	0.10	1.42	0.005	4.642	0.401
11	6/4/2024	6:00PM	0.11	1.42	0.006	5.842	0.505
12	6/4/2024	7:00PM	0.12	1.42	0.007	7.042	0.608
13	6/4/2024	8:00PM	0.13	1.42	0.008	8.241	0.712
14	6/4/2024	9:00PM	0.13	1.42	0.009	9.441	0.816
15	6/4/2024	10:00PM	0.13	1.42	0.008	8.241	0.712
16	6/4/2024	11:00PM	0.12	1.42	0.007	7.042	0.608
17	6/4/2024	12:00AM	0.11	1.42	0.006	5.842	0.505
18	7/4/2024	1:00AM	0.10	1.42	0.005	4.642	0.401
19	7/4/2024	2:00AM	0.09	1.42	0.003	3.442	0.297
20	7/4/2024	3:00AM	0.08	1.42	0.002	2.242	0.194
21	7/4/2024	4:00AM	0.09	1.42	0.003	3.442	0.297
22	7/4/2024	5:00AM	0.10	1.42	0.005	4.642	0.401
23	7/4/2024	6:00AM	0.11	1.42	0.006	5.842	0.505
24	7/4/2024	7:00AM	0.12	1.42	0.007	7.042	0.608
AVERAGE					0.006	5.842	0.505



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Jogighat Drain Meerapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.13	1.42	0.008	8.045	0.695
2	7/4/2024	9:00AM	0.13	1.42	0.009	8.969	0.775
3	7/4/2024	10:00AM	0.13	1.42	0.008	8.045	0.695
4	7/4/2024	11:00AM	0.12	1.42	0.007	7.120	0.615
5	7/4/2024	12:00	0.11	1.42	0.006	6.196	0.535
6	7/4/2024	1:00PM	0.11	1.42	0.005	5.271	0.455
7	7/4/2024	2:00PM	0.10	1.42	0.004	4.347	0.376
8	7/4/2024	3:00PM	0.09	1.42	0.003	3.422	0.296
9	7/4/2024	4:00PM	0.10	1.42	0.004	4.347	0.376
10	7/4/2024	5:00PM	0.11	1.42	0.005	5.271	0.455
11	7/4/2024	6:00PM	0.11	1.42	0.006	6.196	0.535
12	7/4/2024	7:00PM	0.12	1.42	0.007	7.120	0.615
13	7/4/2024	8:00PM	0.13	1.42	0.008	8.045	0.695
14	7/4/2024	9:00PM	0.13	1.42	0.009	8.969	0.775
15	7/4/2024	10:00PM	0.13	1.42	0.008	8.045	0.695
16	7/4/2024	11:00PM	0.12	1.42	0.007	7.120	0.615
17	7/4/2024	12:00AM	0.11	1.42	0.006	6.196	0.535
18	8/4/2024	1:00AM	0.11	1.42	0.005	5.271	0.455
19	8/4/2024	2:00AM	0.10	1.42	0.004	4.347	0.376
20	8/4/2024	3:00AM	0.09	1.42	0.003	3.422	0.296
21	8/4/2024	4:00AM	0.10	1.42	0.004	4.347	0.376
22	8/4/2024	5:00AM	0.11	1.42	0.005	5.271	0.455
23	8/4/2024	6:00AM	0.11	1.42	0.006	6.196	0.535
24	8/4/2024	7:00AM	0.12	1.42	0.007	7.120	0.615
AVERAGE					0.006	6.196	0.535

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Dariyabad Jogighat Drain Meerapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.12	1.42	0.008	7.720	0.667
2	8/4/2024	9:00AM	0.13	1.42	0.009	8.851	0.765
3	8/4/2024	10:00AM	0.12	1.42	0.008	7.720	0.667
4	8/4/2024	11:00AM	0.12	1.42	0.007	6.589	0.569
5	8/4/2024	12:00	0.11	1.42	0.005	5.458	0.472
6	8/4/2024	1:00PM	0.10	1.42	0.004	4.327	0.374
7	8/4/2024	2:00PM	0.09	1.42	0.003	3.196	0.276
8	8/4/2024	3:00PM	0.07	1.42	0.002	2.065	0.178
9	8/4/2024	4:00PM	0.09	1.42	0.003	3.196	0.276
10	8/4/2024	5:00PM	0.10	1.42	0.004	4.327	0.374
11	8/4/2024	6:00PM	0.11	1.42	0.005	5.458	0.472
12	8/4/2024	7:00PM	0.12	1.42	0.007	6.589	0.569
13	8/4/2024	8:00PM	0.12	1.42	0.008	7.720	0.667
14	8/4/2024	9:00PM	0.13	1.42	0.009	8.851	0.765
15	8/4/2024	10:00PM	0.12	1.42	0.008	7.720	0.667
16	8/4/2024	11:00PM	0.12	1.42	0.007	6.589	0.569
17	8/4/2024	12:00AM	0.11	1.42	0.005	5.458	0.472
18	9/4/2024	1:00AM	0.10	1.42	0.004	4.327	0.374
19	9/4/2024	2:00AM	0.09	1.42	0.003	3.196	0.276
20	9/4/2024	3:00AM	0.07	1.42	0.002	2.065	0.178
21	9/4/2024	4:00AM	0.09	1.42	0.003	3.196	0.276
22	9/4/2024	5:00AM	0.10	1.42	0.004	4.327	0.374
23	9/4/2024	6:00AM	0.11	1.42	0.005	5.458	0.472
24	9/4/2024	7:00AM	0.12	1.42	0.007	6.589	0.569
AVERAGE					0.005	5.458	0.472

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name		BaluaGhat JCC Backside Drain		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.002	1.736	0.150
2	Day 2	0.002	1.770	0.153
3	Day 3	0.002	1.796	0.155
4	Day 4	0.002	1.701	0.147
5	Day 5	0.002	1.718	0.148
6	Day 6	0.002	1.822	0.157
7	Day 7	0.002	1.605	0.139
AVERAGE		**0.002**	**1.736**	**0.150**

पर्यावरण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				BaluaGhat JCC Backside Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.08	1.42	0.002	2.430	0.210
2	2/4/2024	9:00AM	0.08	1.42	0.003	2.777	0.240
3	2/4/2024	10:00AM	0.08	1.42	0.002	2.430	0.210
4	2/4/2024	11:00AM	0.07	1.42	0.002	2.083	0.180
5	2/4/2024	12:00:00	0.07	1.42	0.002	1.736	0.150
6	2/4/2024	1:00PM	0.06	1.42	0.001	1.388	0.120
7	2/4/2024	2:00PM	0.06	1.42	0.001	1.041	0.090
8	2/4/2024	3:00PM	0.05	1.42	0.001	0.694	0.060
9	2/4/2024	4:00PM	0.06	1.42	0.001	1.041	0.090
10	2/4/2024	5:00PM	0.06	1.42	0.001	1.388	0.120
11	2/4/2024	6:00PM	0.07	1.42	0.002	1.736	0.150
12	2/4/2024	7:00PM	0.07	1.42	0.002	2.083	0.180
13	2/4/2024	8:00PM	0.08	1.42	0.002	2.430	0.210
14	2/4/2024	9:00PM	0.08	1.42	0.003	2.777	0.240
15	2/4/2024	10:00PM	0.08	1.42	0.002	2.430	0.210
16	2/4/2024	11:00PM	0.07	1.42	0.002	2.083	0.180
17	2/4/2024	12:00AM	0.07	1.42	0.002	1.736	0.150
18	3/4/2024	1:00AM	0.06	1.42	0.001	1.388	0.120
19	3/4/2024	2:00AM	0.06	1.42	0.001	1.041	0.090
20	3/4/2024	3:00AM	0.05	1.42	0.001	0.694	0.060
21	3/4/2024	4:00AM	0.06	1.42	0.001	1.041	0.090
22	3/4/2024	5:00AM	0.06	1.42	0.001	1.388	0.120
23	3/4/2024	6:00AM	0.07	1.42	0.002	1.736	0.150
24	3/4/2024	7:00AM	0.07	1.42	0.002	2.083	0.180
AVERAGE					0.002	1.736	0.150

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name			BaluaGhat JCC Backside Drain				
Drain No.			1				
Formula			Q= 1.42 $H^{2.5}$				
g= 9.806 m/Sec2					θ= 90°		
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.08	1.42	0.002	2.441	0.211
2	3/4/2024	9:00AM	0.08	1.42	0.003	2.777	0.240
3	3/4/2024	10:00AM	0.08	1.42	0.002	2.441	0.211
4	3/4/2024	11:00AM	0.07	1.42	0.002	2.106	0.182
5	3/4/2024	12:00	0.07	1.42	0.002	1.770	0.153
6	3/4/2024	1:00PM	0.06	1.42	0.001	1.435	0.124
7	3/4/2024	2:00PM	0.06	1.42	0.001	1.099	0.095
8	3/4/2024	3:00PM	0.05	1.42	0.001	0.764	0.066
9	3/4/2024	4:00PM	0.06	1.42	0.001	1.099	0.095
10	3/4/2024	5:00PM	0.06	1.42	0.001	1.435	0.124
11	3/4/2024	6:00PM	0.07	1.42	0.002	1.770	0.153
12	3/4/2024	7:00PM	0.07	1.42	0.002	2.106	0.182
13	3/4/2024	8:00PM	0.08	1.42	0.002	2.441	0.211
14	3/4/2024	9:00PM	0.08	1.42	0.003	2.777	0.240
15	3/4/2024	10:00PM	0.08	1.42	0.002	2.441	0.211
16	3/4/2024	11:00PM	0.07	1.42	0.002	2.106	0.182
17	3/4/2024	12:00AM	0.07	1.42	0.002	1.770	0.153
18	4/4/2024	1:00AM	0.06	1.42	0.001	1.435	0.124
19	4/4/2024	2:00AM	0.06	1.42	0.001	1.099	0.095
20	4/4/2024	3:00AM	0.05	1.42	0.001	0.764	0.066
21	4/4/2024	4:00AM	0.06	1.42	0.001	1.099	0.095
22	4/4/2024	5:00AM	0.06	1.42	0.001	1.435	0.124
23	4/4/2024	6:00AM	0.07	1.42	0.002	1.770	0.153
24	4/4/2024	7:00AM	0.07	1.42	0.002	2.106	0.182
AVERAGE					0.002	1.770	0.153

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				BaluaGhat JCC Backside Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.08	1.42	0.003	2.543	0.220
2	4/4/2024	9:00AM	0.08	1.42	0.003	2.916	0.252
3	4/4/2024	10:00AM	0.08	1.42	0.003	2.543	0.220
4	4/4/2024	11:00AM	0.07	1.42	0.002	2.169	0.187
5	4/4/2024	12:00	0.07	1.42	0.002	1.796	0.155
6	4/4/2024	1:00PM	0.06	1.42	0.001	1.423	0.123
7	4/4/2024	2:00PM	0.06	1.42	0.001	1.050	0.091
8	4/4/2024	3:00PM	0.05	1.42	0.001	0.677	0.058
9	4/4/2024	4:00PM	0.06	1.42	0.001	1.050	0.091
10	4/4/2024	5:00PM	0.06	1.42	0.001	1.423	0.123
11	4/4/2024	6:00PM	0.07	1.42	0.002	1.796	0.155
12	4/4/2024	7:00PM	0.07	1.42	0.002	2.169	0.187
13	4/4/2024	8:00PM	0.08	1.42	0.003	2.543	0.220
14	4/4/2024	9:00PM	0.08	1.42	0.003	2.916	0.252
15	4/4/2024	10:00PM	0.08	1.42	0.003	2.543	0.220
16	4/4/2024	11:00PM	0.07	1.42	0.002	2.169	0.187
17	4/4/2024	12:00AM	0.07	1.42	0.002	1.796	0.155
18	5/4/2024	1:00AM	0.06	1.42	0.001	1.423	0.123
19	5/4/2024	2:00AM	0.06	1.42	0.001	1.050	0.091
20	5/4/2024	3:00AM	0.05	1.42	0.001	0.677	0.058
21	5/4/2024	4:00AM	0.06	1.42	0.001	1.050	0.091
22	5/4/2024	5:00AM	0.06	1.42	0.001	1.423	0.123
23	5/4/2024	6:00AM	0.07	1.42	0.002	1.796	0.155
24	5/4/2024	7:00AM	0.07	1.42	0.002	2.169	0.187
AVERAGE					0.002	1.796	0.155

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				BaluaGhat JCC Backside Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.08	1.42	0.002	2.372	0.205
2	5/4/2024	9:00AM	0.08	1.42	0.003	2.707	0.234
3	5/4/2024	10:00AM	0.08	1.42	0.002	2.372	0.205
4	5/4/2024	11:00AM	0.07	1.42	0.002	2.036	0.176
5	5/4/2024	12:00	0.07	1.42	0.002	1.701	0.147
6	5/4/2024	1:00PM	0.06	1.42	0.001	1.365	0.118
7	5/4/2024	2:00PM	0.06	1.42	0.001	1.030	0.089
8	5/4/2024	3:00PM	0.05	1.42	0.001	0.694	0.060
9	5/4/2024	4:00PM	0.06	1.42	0.001	1.030	0.089
10	5/4/2024	5:00PM	0.06	1.42	0.001	1.365	0.118
11	5/4/2024	6:00PM	0.07	1.42	0.002	1.701	0.147
12	5/4/2024	7:00PM	0.07	1.42	0.002	2.036	0.176
13	5/4/2024	8:00PM	0.08	1.42	0.002	2.372	0.205
14	5/4/2024	9:00PM	0.08	1.42	0.003	2.707	0.234
15	5/4/2024	10:00PM	0.08	1.42	0.002	2.372	0.205
16	5/4/2024	11:00PM	0.07	1.42	0.002	2.036	0.176
17	5/4/2024	12:00AM	0.07	1.42	0.002	1.701	0.147
18	6/4/2024	1:00AM	0.06	1.42	0.001	1.365	0.118
19	6/4/2024	2:00AM	0.06	1.42	0.001	1.030	0.089
20	6/4/2024	3:00AM	0.05	1.42	0.001	0.694	0.060
21	6/4/2024	4:00AM	0.06	1.42	0.001	1.030	0.089
22	6/4/2024	5:00AM	0.06	1.42	0.001	1.365	0.118
23	6/4/2024	6:00AM	0.07	1.42	0.002	1.701	0.147
24	6/4/2024	7:00AM	0.07	1.42	0.002	2.036	0.176
AVERAGE					0.002	1.701	0.147

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				BaluaGhat JCC Backside Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.08	1.42	0.002	2.424	0.209
2	6/4/2024	9:00AM	0.08	1.42	0.003	2.777	0.240
3	6/4/2024	10:00AM	0.08	1.42	0.002	2.424	0.209
4	6/4/2024	11:00AM	0.07	1.42	0.002	2.071	0.179
5	6/4/2024	12:00	0.07	1.42	0.002	1.718	0.148
6	6/4/2024	1:00PM	0.06	1.42	0.001	1.365	0.118
7	6/4/2024	2:00PM	0.06	1.42	0.001	1.012	0.087
8	6/4/2024	3:00PM	0.05	1.42	0.001	0.659	0.057
9	6/4/2024	4:00PM	0.06	1.42	0.001	1.012	0.087
10	6/4/2024	5:00PM	0.06	1.42	0.001	1.365	0.118
11	6/4/2024	6:00PM	0.07	1.42	0.002	1.718	0.148
12	6/4/2024	7:00PM	0.07	1.42	0.002	2.071	0.179
13	6/4/2024	8:00PM	0.08	1.42	0.002	2.424	0.209
14	6/4/2024	9:00PM	0.08	1.42	0.003	2.777	0.240
15	6/4/2024	10:00PM	0.08	1.42	0.002	2.424	0.209
16	6/4/2024	11:00PM	0.07	1.42	0.002	2.071	0.179
17	6/4/2024	12:00AM	0.07	1.42	0.002	1.718	0.148
18	7/4/2024	1:00AM	0.06	1.42	0.001	1.365	0.118
19	7/4/2024	2:00AM	0.06	1.42	0.001	1.012	0.087
20	7/4/2024	3:00AM	0.05	1.42	0.001	0.659	0.057
21	7/4/2024	4:00AM	0.06	1.42	0.001	1.012	0.087
22	7/4/2024	5:00AM	0.06	1.42	0.001	1.365	0.118
23	7/4/2024	6:00AM	0.07	1.42	0.002	1.718	0.148
24	7/4/2024	7:00AM	0.07	1.42	0.002	2.071	0.179
AVERAGE					0.002	1.718	0.148

एस्पीरेशन अभियान
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				BaluaGhat JCC Backside Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.08	1.42	0.002	2.366	0.204
2	7/4/2024	9:00AM	0.08	1.42	0.003	2.638	0.228
3	7/4/2024	10:00AM	0.08	1.42	0.002	2.366	0.204
4	7/4/2024	11:00AM	0.07	1.42	0.002	2.094	0.181
5	7/4/2024	12:00	0.07	1.42	0.002	1.822	0.157
6	7/4/2024	1:00PM	0.07	1.42	0.002	1.550	0.134
7	7/4/2024	2:00PM	0.06	1.42	0.001	1.278	0.110
8	7/4/2024	3:00PM	0.05	1.42	0.001	1.007	0.087
9	7/4/2024	4:00PM	0.06	1.42	0.001	1.278	0.110
10	7/4/2024	5:00PM	0.07	1.42	0.002	1.550	0.134
11	7/4/2024	6:00PM	0.07	1.42	0.002	1.822	0.157
12	7/4/2024	7:00PM	0.07	1.42	0.002	2.094	0.181
13	7/4/2024	8:00PM	0.08	1.42	0.002	2.366	0.204
14	7/4/2024	9:00PM	0.08	1.42	0.003	2.638	0.228
15	7/4/2024	10:00PM	0.08	1.42	0.002	2.366	0.204
16	7/4/2024	11:00PM	0.07	1.42	0.002	2.094	0.181
17	7/4/2024	12:00AM	0.07	1.42	0.002	1.822	0.157
18	8/4/2024	1:00AM	0.07	1.42	0.002	1.550	0.134
19	8/4/2024	2:00AM	0.06	1.42	0.001	1.278	0.110
20	8/4/2024	3:00AM	0.05	1.42	0.001	1.007	0.087
21	8/4/2024	4:00AM	0.06	1.42	0.001	1.278	0.110
22	8/4/2024	5:00AM	0.07	1.42	0.002	1.550	0.134
23	8/4/2024	6:00AM	0.07	1.42	0.002	1.822	0.157
24	8/4/2024	7:00AM	0.07	1.42	0.002	2.094	0.181
AVERAGE					0.002	1.822	0.157

अधिशासी अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				BaluaGhat JCC Backside Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.08	1.42	0.002	2.271	0.196
2	8/4/2024	9:00AM	0.08	1.42	0.003	2.603	0.225
3	8/4/2024	10:00AM	0.08	1.42	0.002	2.271	0.196
4	8/4/2024	11:00AM	0.07	1.42	0.002	1.938	0.167
5	8/4/2024	12:00	0.07	1.42	0.002	1.605	0.139
6	8/4/2024	1:00PM	0.06	1.42	0.001	1.273	0.110
7	8/4/2024	2:00PM	0.05	1.42	0.001	0.940	0.081
8	8/4/2024	3:00PM	0.04	1.42	0.001	0.607	0.052
9	8/4/2024	4:00PM	0.05	1.42	0.001	0.940	0.081
10	8/4/2024	5:00PM	0.06	1.42	0.001	1.273	0.110
11	8/4/2024	6:00PM	0.07	1.42	0.002	1.605	0.139
12	8/4/2024	7:00PM	0.07	1.42	0.002	1.938	0.167
13	8/4/2024	8:00PM	0.08	1.42	0.002	2.271	0.196
14	8/4/2024	9:00PM	0.08	1.42	0.003	2.603	0.225
15	8/4/2024	10:00PM	0.08	1.42	0.002	2.271	0.196
16	8/4/2024	11:00PM	0.07	1.42	0.002	1.938	0.167
17	8/4/2024	12:00AM	0.07	1.42	0.002	1.605	0.139
18	9/4/2024	1:00AM	0.06	1.42	0.001	1.273	0.110
19	9/4/2024	2:00AM	0.05	1.42	0.001	0.940	0.081
20	9/4/2024	3:00AM	0.04	1.42	0.001	0.607	0.052
21	9/4/2024	4:00AM	0.05	1.42	0.001	0.940	0.081
22	9/4/2024	5:00AM	0.06	1.42	0.001	1.273	0.110
23	9/4/2024	6:00AM	0.07	1.42	0.002	1.605	0.139
24	9/4/2024	7:00AM	0.07	1.42	0.002	1.938	0.167
AVERAGE					0.002	1.605	0.139

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name		Drain near Chachar Drain /Bargad Ghat		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.002	2.198	0.190
2	Day 2	0.002	2.242	0.194
3	Day 3	0.002	2.275	0.197
4	Day 4	0.002	2.154	0.186
5	Day 5	0.002	2.176	0.188
6	Day 6	0.002	2.308	0.199
7	Day 7	0.002	2.033	0.176
AVERAGE		**0.002**	**2.198**	**0.190**

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain near Chachar Drain /Bargad Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.09	1.42	0.003	3.078	0.266
2	2/4/2024	9:00AM	0.09	1.42	0.004	3.517	0.304
3	2/4/2024	10:00AM	0.09	1.42	0.003	3.078	0.266
4	2/4/2024	11:00AM	0.08	1.42	0.003	2.638	0.228
5	2/4/2024	12:00:00	0.08	1.42	0.002	2.198	0.190
6	2/4/2024	1:00PM	0.07	1.42	0.002	1.759	0.152
7	2/4/2024	2:00PM	0.06	1.42	0.001	1.319	0.114
8	2/4/2024	3:00PM	0.05	1.42	0.001	0.879	0.076
9	2/4/2024	4:00PM	0.06	1.42	0.001	1.319	0.114
10	2/4/2024	5:00PM	0.07	1.42	0.002	1.759	0.152
11	2/4/2024	6:00PM	0.08	1.42	0.002	2.198	0.190
12	2/4/2024	7:00PM	0.08	1.42	0.003	2.638	0.228
13	2/4/2024	8:00PM	0.09	1.42	0.003	3.078	0.266
14	2/4/2024	9:00PM	0.09	1.42	0.004	3.517	0.304
15	2/4/2024	10:00PM	0.09	1.42	0.003	3.078	0.266
16	2/4/2024	11:00PM	0.08	1.42	0.003	2.638	0.228
17	2/4/2024	12:00AM	0.08	1.42	0.002	2.198	0.190
18	3/4/2024	1:00AM	0.07	1.42	0.002	1.759	0.152
19	3/4/2024	2:00AM	0.06	1.42	0.001	1.319	0.114
20	3/4/2024	3:00AM	0.05	1.42	0.001	0.879	0.076
21	3/4/2024	4:00AM	0.06	1.42	0.001	1.319	0.114
22	3/4/2024	5:00AM	0.07	1.42	0.002	1.759	0.152
23	3/4/2024	6:00AM	0.08	1.42	0.002	2.198	0.190
24	3/4/2024	7:00AM	0.08	1.42	0.003	2.638	0.228
AVERAGE					0.002	2.198	0.190

कार्यपालन अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain near Chachar Drain /Bargad Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.09	1.42	0.003	3.092	0.267
2	3/4/2024	9:00AM	0.09	1.42	0.004	3.517	0.304
3	3/4/2024	10:00AM	0.09	1.42	0.003	3.092	0.267
4	3/4/2024	11:00AM	0.08	1.42	0.003	2.667	0.230
5	3/4/2024	12:00	0.08	1.42	0.002	2.242	0.194
6	3/4/2024	1:00PM	0.07	1.42	0.002	1.817	0.157
7	3/4/2024	2:00PM	0.06	1.42	0.001	1.392	0.120
8	3/4/2024	3:00PM	0.05	1.42	0.001	0.967	0.084
9	3/4/2024	4:00PM	0.06	1.42	0.001	1.392	0.120
10	3/4/2024	5:00PM	0.07	1.42	0.002	1.817	0.157
11	3/4/2024	6:00PM	0.08	1.42	0.002	2.242	0.194
12	3/4/2024	7:00PM	0.08	1.42	0.003	2.667	0.230
13	3/4/2024	8:00PM	0.09	1.42	0.003	3.092	0.267
14	3/4/2024	9:00PM	0.09	1.42	0.004	3.517	0.304
15	3/4/2024	10:00PM	0.09	1.42	0.003	3.092	0.267
16	3/4/2024	11:00PM	0.08	1.42	0.003	2.667	0.230
17	3/4/2024	12:00AM	0.08	1.42	0.002	2.242	0.194
18	4/4/2024	1:00AM	0.07	1.42	0.002	1.817	0.157
19	4/4/2024	2:00AM	0.06	1.42	0.001	1.392	0.120
20	4/4/2024	3:00AM	0.05	1.42	0.001	0.967	0.084
21	4/4/2024	4:00AM	0.06	1.42	0.001	1.392	0.120
22	4/4/2024	5:00AM	0.07	1.42	0.002	1.817	0.157
23	4/4/2024	6:00AM	0.08	1.42	0.002	2.242	0.194
24	4/4/2024	7:00AM	0.08	1.42	0.003	2.667	0.230
AVERAGE					0.002	2.242	0.194

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain near Chachar Drain /Bargad Ghat			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.09	1.42	0.003	3.221	0.278
2	4/4/2024	9:00AM	0.09	1.42	0.004	3.693	0.319
3	4/4/2024	10:00AM	0.09	1.42	0.003	3.221	0.278
4	4/4/2024	11:00AM	0.08	1.42	0.003	2.748	0.237
5	4/4/2024	12:00	0.08	1.42	0.002	2.275	0.197
6	4/4/2024	1:00PM	0.07	1.42	0.002	1.803	0.156
7	4/4/2024	2:00PM	0.06	1.42	0.001	1.330	0.115
8	4/4/2024	3:00PM	0.05	1.42	0.001	0.857	0.074
9	4/4/2024	4:00PM	0.06	1.42	0.001	1.330	0.115
10	4/4/2024	5:00PM	0.07	1.42	0.002	1.803	0.156
11	4/4/2024	6:00PM	0.08	1.42	0.002	2.275	0.197
12	4/4/2024	7:00PM	0.08	1.42	0.003	2.748	0.237
13	4/4/2024	8:00PM	0.09	1.42	0.003	3.221	0.278
14	4/4/2024	9:00PM	0.09	1.42	0.004	3.693	0.319
15	4/4/2024	10:00PM	0.09	1.42	0.003	3.221	0.278
16	4/4/2024	11:00PM	0.08	1.42	0.003	2.748	0.237
17	4/4/2024	12:00AM	0.08	1.42	0.002	2.275	0.197
18	5/4/2024	1:00AM	0.07	1.42	0.002	1.803	0.156
19	5/4/2024	2:00AM	0.06	1.42	0.001	1.330	0.115
20	5/4/2024	3:00AM	0.05	1.42	0.001	0.857	0.074
21	5/4/2024	4:00AM	0.06	1.42	0.001	1.330	0.115
22	5/4/2024	5:00AM	0.07	1.42	0.002	1.803	0.156
23	5/4/2024	6:00AM	0.08	1.42	0.002	2.275	0.197
24	5/4/2024	7:00AM	0.08	1.42	0.003	2.748	0.237
AVERAGE					0.002	2.275	0.197

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain near Chachar Drain /Bargad Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.09	1.42	0.003	3.004	0.260
2	5/4/2024	9:00AM	0.09	1.42	0.003	3.429	0.296
3	5/4/2024	10:00AM	0.09	1.42	0.003	3.004	0.260
4	5/4/2024	11:00AM	0.08	1.42	0.003	2.579	0.223
5	5/4/2024	12:00	0.07	1.42	0.002	2.154	0.186
6	5/4/2024	1:00PM	0.07	1.42	0.002	1.729	0.149
7	5/4/2024	2:00PM	0.06	1.42	0.001	1.304	0.113
8	5/4/2024	3:00PM	0.05	1.42	0.001	0.879	0.076
9	5/4/2024	4:00PM	0.06	1.42	0.001	1.304	0.113
10	5/4/2024	5:00PM	0.07	1.42	0.002	1.729	0.149
11	5/4/2024	6:00PM	0.07	1.42	0.002	2.154	0.186
12	5/4/2024	7:00PM	0.08	1.42	0.003	2.579	0.223
13	5/4/2024	8:00PM	0.09	1.42	0.003	3.004	0.260
14	5/4/2024	9:00PM	0.09	1.42	0.003	3.429	0.296
15	5/4/2024	10:00PM	0.09	1.42	0.003	3.004	0.260
16	5/4/2024	11:00PM	0.08	1.42	0.003	2.579	0.223
17	5/4/2024	12:00AM	0.07	1.42	0.002	2.154	0.186
18	6/4/2024	1:00AM	0.07	1.42	0.002	1.729	0.149
19	6/4/2024	2:00AM	0.06	1.42	0.001	1.304	0.113
20	6/4/2024	3:00AM	0.05	1.42	0.001	0.879	0.076
21	6/4/2024	4:00AM	0.06	1.42	0.001	1.304	0.113
22	6/4/2024	5:00AM	0.07	1.42	0.002	1.729	0.149
23	6/4/2024	6:00AM	0.07	1.42	0.002	2.154	0.186
24	6/4/2024	7:00AM	0.08	1.42	0.003	2.579	0.223
AVERAGE					0.002	2.154	0.186

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain near Chachar Drain /Bargad Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.09	1.42	0.003	3.070	0.265
2	6/4/2024	9:00AM	0.09	1.42	0.004	3.517	0.304
3	6/4/2024	10:00AM	0.09	1.42	0.003	3.070	0.265
4	6/4/2024	11:00AM	0.08	1.42	0.003	2.623	0.227
5	6/4/2024	12:00	0.07	1.42	0.002	2.176	0.188
6	6/4/2024	1:00PM	0.07	1.42	0.002	1.729	0.149
7	6/4/2024	2:00PM	0.06	1.42	0.001	1.282	0.111
8	6/4/2024	3:00PM	0.05	1.42	0.001	0.835	0.072
9	6/4/2024	4:00PM	0.06	1.42	0.001	1.282	0.111
10	6/4/2024	5:00PM	0.07	1.42	0.002	1.729	0.149
11	6/4/2024	6:00PM	0.07	1.42	0.002	2.176	0.188
12	6/4/2024	7:00PM	0.08	1.42	0.003	2.623	0.227
13	6/4/2024	8:00PM	0.09	1.42	0.003	3.070	0.265
14	6/4/2024	9:00PM	0.09	1.42	0.004	3.517	0.304
15	6/4/2024	10:00PM	0.09	1.42	0.003	3.070	0.265
16	6/4/2024	11:00PM	0.08	1.42	0.003	2.623	0.227
17	6/4/2024	12:00AM	0.07	1.42	0.002	2.176	0.188
18	7/4/2024	1:00AM	0.07	1.42	0.002	1.729	0.149
19	7/4/2024	2:00AM	0.06	1.42	0.001	1.282	0.111
20	7/4/2024	3:00AM	0.05	1.42	0.001	0.835	0.072
21	7/4/2024	4:00AM	0.06	1.42	0.001	1.282	0.111
22	7/4/2024	5:00AM	0.07	1.42	0.002	1.729	0.149
23	7/4/2024	6:00AM	0.07	1.42	0.002	2.176	0.188
24	7/4/2024	7:00AM	0.08	1.42	0.003	2.623	0.227
AVERAGE					0.002	2.176	0.188



पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain near Chachar Drain /Bargad Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.09	1.42	0.003	2.997	0.259
2	7/4/2024	9:00AM	0.09	1.42	0.003	3.341	0.289
3	7/4/2024	10:00AM	0.09	1.42	0.003	2.997	0.259
4	7/4/2024	11:00AM	0.08	1.42	0.003	2.653	0.229
5	7/4/2024	12:00	0.08	1.42	0.002	2.308	0.199
6	7/4/2024	1:00PM	0.07	1.42	0.002	1.964	0.170
7	7/4/2024	2:00PM	0.07	1.42	0.002	1.619	0.140
8	7/4/2024	3:00PM	0.06	1.42	0.001	1.275	0.110
9	7/4/2024	4:00PM	0.07	1.42	0.002	1.619	0.140
10	7/4/2024	5:00PM	0.07	1.42	0.002	1.964	0.170
11	7/4/2024	6:00PM	0.08	1.42	0.002	2.308	0.199
12	7/4/2024	7:00PM	0.08	1.42	0.003	2.653	0.229
13	7/4/2024	8:00PM	0.09	1.42	0.003	2.997	0.259
14	7/4/2024	9:00PM	0.09	1.42	0.003	3.341	0.289
15	7/4/2024	10:00PM	0.09	1.42	0.003	2.997	0.259
16	7/4/2024	11:00PM	0.08	1.42	0.003	2.653	0.229
17	7/4/2024	12:00AM	0.08	1.42	0.002	2.308	0.199
18	8/4/2024	1:00AM	0.07	1.42	0.002	1.964	0.170
19	8/4/2024	2:00AM	0.07	1.42	0.002	1.619	0.140
20	8/4/2024	3:00AM	0.06	1.42	0.001	1.275	0.110
21	8/4/2024	4:00AM	0.07	1.42	0.002	1.619	0.140
22	8/4/2024	5:00AM	0.07	1.42	0.002	1.964	0.170
23	8/4/2024	6:00AM	0.08	1.42	0.002	2.308	0.199
24	8/4/2024	7:00AM	0.08	1.42	0.003	2.653	0.229
AVERAGE					0.002	2.308	0.199

उपखंड अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain near Chachar Drain /Bargad Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.08	1.42	0.003	2.876	0.248
2	8/4/2024	9:00AM	0.09	1.42	0.003	3.297	0.285
3	8/4/2024	10:00AM	0.08	1.42	0.003	2.876	0.248
4	8/4/2024	11:00AM	0.08	1.42	0.002	2.455	0.212
5	8/4/2024	12:00	0.07	1.42	0.002	2.033	0.176
6	8/4/2024	1:00PM	0.07	1.42	0.002	1.612	0.139
7	8/4/2024	2:00PM	0.06	1.42	0.001	1.191	0.103
8	8/4/2024	3:00PM	0.05	1.42	0.001	0.769	0.066
9	8/4/2024	4:00PM	0.06	1.42	0.001	1.191	0.103
10	8/4/2024	5:00PM	0.07	1.42	0.002	1.612	0.139
11	8/4/2024	6:00PM	0.07	1.42	0.002	2.033	0.176
12	8/4/2024	7:00PM	0.08	1.42	0.002	2.455	0.212
13	8/4/2024	8:00PM	0.08	1.42	0.003	2.876	0.248
14	8/4/2024	9:00PM	0.09	1.42	0.003	3.297	0.285
15	8/4/2024	10:00PM	0.08	1.42	0.003	2.876	0.248
16	8/4/2024	11:00PM	0.08	1.42	0.002	2.455	0.212
17	8/4/2024	12:00AM	0.07	1.42	0.002	2.033	0.176
18	9/4/2024	1:00AM	0.07	1.42	0.002	1.612	0.139
19	9/4/2024	2:00AM	0.06	1.42	0.001	1.191	0.103
20	9/4/2024	3:00AM	0.05	1.42	0.001	0.769	0.066
21	9/4/2024	4:00AM	0.06	1.42	0.001	1.191	0.103
22	9/4/2024	5:00AM	0.07	1.42	0.002	1.612	0.139
23	9/4/2024	6:00AM	0.07	1.42	0.002	2.033	0.176
24	9/4/2024	7:00AM	0.08	1.42	0.002	2.455	0.212
AVERAGE					0.002	2.033	0.176

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name		Ghaghar Drain1-A / Sadiyapur		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.003	3.008	0.260
2	Day 2	0.003	3.068	0.265
3	Day 3	0.003	3.113	0.269
4	Day 4	0.003	2.948	0.255
5	Day 5	0.003	2.978	0.257
6	Day 6	0.003	3.159	0.273
7	Day 7	0.003	2.783	0.240
AVERAGE		**0.003**	**3.008**	**0.260**

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A / Sadiyapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.10	1.42	0.004	4.211	0.364
2	2/4/2024	9:00AM	0.10	1.42	0.005	4.813	0.416
3	2/4/2024	10:00AM	0.10	1.42	0.004	4.211	0.364
4	2/4/2024	11:00AM	0.09	1.42	0.004	3.610	0.312
5	2/4/2024	12:00:00	0.09	1.42	0.003	3.008	0.260
6	2/4/2024	1:00PM	0.08	1.42	0.002	2.407	0.208
7	2/4/2024	2:00PM	0.07	1.42	0.002	1.805	0.156
8	2/4/2024	3:00PM	0.06	1.42	0.001	1.203	0.104
9	2/4/2024	4:00PM	0.07	1.42	0.002	1.805	0.156
10	2/4/2024	5:00PM	0.08	1.42	0.002	2.407	0.208
11	2/4/2024	6:00PM	0.09	1.42	0.003	3.008	0.260
12	2/4/2024	7:00PM	0.09	1.42	0.004	3.610	0.312
13	2/4/2024	8:00PM	0.10	1.42	0.004	4.211	0.364
14	2/4/2024	9:00PM	0.10	1.42	0.005	4.813	0.416
15	2/4/2024	10:00PM	0.10	1.42	0.004	4.211	0.364
16	2/4/2024	11:00PM	0.09	1.42	0.004	3.610	0.312
17	2/4/2024	12:00AM	0.09	1.42	0.003	3.008	0.260
18	3/4/2024	1:00AM	0.08	1.42	0.002	2.407	0.208
19	3/4/2024	2:00AM	0.07	1.42	0.002	1.805	0.156
20	3/4/2024	3:00AM	0.06	1.42	0.001	1.203	0.104
21	3/4/2024	4:00AM	0.07	1.42	0.002	1.805	0.156
22	3/4/2024	5:00AM	0.08	1.42	0.002	2.407	0.208
23	3/4/2024	6:00AM	0.09	1.42	0.003	3.008	0.260
24	3/4/2024	7:00AM	0.09	1.42	0.004	3.610	0.312
AVERAGE					0.003	3.008	0.260

पर्यवेक्षण अधिशासी अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A / Sadiyapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.10	1.42	0.004	4.232	0.366
2	3/4/2024	9:00AM	0.10	1.42	0.005	4.813	0.416
3	3/4/2024	10:00AM	0.10	1.42	0.004	4.232	0.366
4	3/4/2024	11:00AM	0.09	1.42	0.004	3.650	0.315
5	3/4/2024	12:00	0.09	1.42	0.003	3.068	0.265
6	3/4/2024	1:00PM	0.08	1.42	0.002	2.487	0.215
7	3/4/2024	2:00PM	0.07	1.42	0.002	1.905	0.165
8	3/4/2024	3:00PM	0.06	1.42	0.001	1.324	0.114
9	3/4/2024	4:00PM	0.07	1.42	0.002	1.905	0.165
10	3/4/2024	5:00PM	0.08	1.42	0.002	2.487	0.215
11	3/4/2024	6:00PM	0.09	1.42	0.003	3.068	0.265
12	3/4/2024	7:00PM	0.09	1.42	0.004	3.650	0.315
13	3/4/2024	8:00PM	0.10	1.42	0.004	4.232	0.366
14	3/4/2024	9:00PM	0.10	1.42	0.005	4.813	0.416
15	3/4/2024	10:00PM	0.10	1.42	0.004	4.232	0.366
16	3/4/2024	11:00PM	0.09	1.42	0.004	3.650	0.315
17	3/4/2024	12:00AM	0.09	1.42	0.003	3.068	0.265
18	4/4/2024	1:00AM	0.08	1.42	0.002	2.487	0.215
19	4/4/2024	2:00AM	0.07	1.42	0.002	1.905	0.165
20	4/4/2024	3:00AM	0.06	1.42	0.001	1.324	0.114
21	4/4/2024	4:00AM	0.07	1.42	0.002	1.905	0.165
22	4/4/2024	5:00AM	0.08	1.42	0.002	2.487	0.215
23	4/4/2024	6:00AM	0.09	1.42	0.003	3.068	0.265
24	4/4/2024	7:00AM	0.09	1.42	0.004	3.650	0.315
AVERAGE					0.003	3.068	0.265

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A / Sadiyapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.10	1.42	0.004	4.407	0.381
2	4/4/2024	9:00AM	0.10	1.42	0.005	5.054	0.437
3	4/4/2024	10:00AM	0.10	1.42	0.004	4.407	0.381
4	4/4/2024	11:00AM	0.09	1.42	0.004	3.760	0.325
5	4/4/2024	12:00	0.09	1.42	0.003	3.113	0.269
6	4/4/2024	1:00PM	0.08	1.42	0.002	2.467	0.213
7	4/4/2024	2:00PM	0.07	1.42	0.002	1.820	0.157
8	4/4/2024	3:00PM	0.06	1.42	0.001	1.173	0.101
9	4/4/2024	4:00PM	0.07	1.42	0.002	1.820	0.157
10	4/4/2024	5:00PM	0.08	1.42	0.002	2.467	0.213
11	4/4/2024	6:00PM	0.09	1.42	0.003	3.113	0.269
12	4/4/2024	7:00PM	0.09	1.42	0.004	3.760	0.325
13	4/4/2024	8:00PM	0.10	1.42	0.004	4.407	0.381
14	4/4/2024	9:00PM	0.10	1.42	0.005	5.054	0.437
15	4/4/2024	10:00PM	0.10	1.42	0.004	4.407	0.381
16	4/4/2024	11:00PM	0.09	1.42	0.004	3.760	0.325
17	4/4/2024	12:00AM	0.09	1.42	0.003	3.113	0.269
18	5/4/2024	1:00AM	0.08	1.42	0.002	2.467	0.213
19	5/4/2024	2:00AM	0.07	1.42	0.002	1.820	0.157
20	5/4/2024	3:00AM	0.06	1.42	0.001	1.173	0.101
21	5/4/2024	4:00AM	0.07	1.42	0.002	1.820	0.157
22	5/4/2024	5:00AM	0.08	1.42	0.002	2.467	0.213
23	5/4/2024	6:00AM	0.09	1.42	0.003	3.113	0.269
24	5/4/2024	7:00AM	0.09	1.42	0.004	3.760	0.325
AVERAGE					0.003	3.113	0.269

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A / Sadiyapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.10	1.42	0.004	4.111	0.355
2	5/4/2024	9:00AM	0.10	1.42	0.005	4.693	0.405
3	5/4/2024	10:00AM	0.10	1.42	0.004	4.111	0.355
4	5/4/2024	11:00AM	0.09	1.42	0.004	3.530	0.305
5	5/4/2024	12:00	0.08	1.42	0.003	2.948	0.255
6	5/4/2024	1:00PM	0.08	1.42	0.002	2.366	0.204
7	5/4/2024	2:00PM	0.07	1.42	0.002	1.785	0.154
8	5/4/2024	3:00PM	0.06	1.42	0.001	1.203	0.104
9	5/4/2024	4:00PM	0.07	1.42	0.002	1.785	0.154
10	5/4/2024	5:00PM	0.08	1.42	0.002	2.366	0.204
11	5/4/2024	6:00PM	0.08	1.42	0.003	2.948	0.255
12	5/4/2024	7:00PM	0.09	1.42	0.004	3.530	0.305
13	5/4/2024	8:00PM	0.10	1.42	0.004	4.111	0.355
14	5/4/2024	9:00PM	0.10	1.42	0.005	4.693	0.405
15	5/4/2024	10:00PM	0.10	1.42	0.004	4.111	0.355
16	5/4/2024	11:00PM	0.09	1.42	0.004	3.530	0.305
17	5/4/2024	12:00AM	0.08	1.42	0.003	2.948	0.255
18	6/4/2024	1:00AM	0.08	1.42	0.002	2.366	0.204
19	6/4/2024	2:00AM	0.07	1.42	0.002	1.785	0.154
20	6/4/2024	3:00AM	0.06	1.42	0.001	1.203	0.104
21	6/4/2024	4:00AM	0.07	1.42	0.002	1.785	0.154
22	6/4/2024	5:00AM	0.08	1.42	0.002	2.366	0.204
23	6/4/2024	6:00AM	0.08	1.42	0.003	2.948	0.255
24	6/4/2024	7:00AM	0.09	1.42	0.004	3.530	0.305
AVERAGE					0.003	2.948	0.255

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A / Sadiyapur			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.10	1.42	0.004	4.201	0.363
2	6/4/2024	9:00AM	0.10	1.42	0.005	4.813	0.416
3	6/4/2024	10:00AM	0.10	1.42	0.004	4.201	0.363
4	6/4/2024	11:00AM	0.09	1.42	0.004	3.590	0.310
5	6/4/2024	12:00	0.08	1.42	0.003	2.978	0.257
6	6/4/2024	1:00PM	0.08	1.42	0.002	2.366	0.204
7	6/4/2024	2:00PM	0.07	1.42	0.002	1.755	0.152
8	6/4/2024	3:00PM	0.06	1.42	0.001	1.143	0.099
9	6/4/2024	4:00PM	0.07	1.42	0.002	1.755	0.152
10	6/4/2024	5:00PM	0.08	1.42	0.002	2.366	0.204
11	6/4/2024	6:00PM	0.08	1.42	0.003	2.978	0.257
12	6/4/2024	7:00PM	0.09	1.42	0.004	3.590	0.310
13	6/4/2024	8:00PM	0.10	1.42	0.004	4.201	0.363
14	6/4/2024	9:00PM	0.10	1.42	0.005	4.813	0.416
15	6/4/2024	10:00PM	0.10	1.42	0.004	4.201	0.363
16	6/4/2024	11:00PM	0.09	1.42	0.004	3.590	0.310
17	6/4/2024	12:00AM	0.08	1.42	0.003	2.978	0.257
18	7/4/2024	1:00AM	0.08	1.42	0.002	2.366	0.204
19	7/4/2024	2:00AM	0.07	1.42	0.002	1.755	0.152
20	7/4/2024	3:00AM	0.06	1.42	0.001	1.143	0.099
21	7/4/2024	4:00AM	0.07	1.42	0.002	1.755	0.152
22	7/4/2024	5:00AM	0.08	1.42	0.002	2.366	0.204
23	7/4/2024	6:00AM	0.08	1.42	0.003	2.978	0.257
24	7/4/2024	7:00AM	0.09	1.42	0.004	3.590	0.310
AVERAGE					0.003	2.978	0.257

परियोजना अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A / Sadiyapur			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.10	1.42	0.004	4.101	0.354
2	7/4/2024	9:00AM	0.10	1.42	0.005	4.572	0.395
3	7/4/2024	10:00AM	0.10	1.42	0.004	4.101	0.354
4	7/4/2024	11:00AM	0.09	1.42	0.004	3.630	0.314
5	7/4/2024	12:00	0.09	1.42	0.003	3.159	0.273
6	7/4/2024	1:00PM	0.08	1.42	0.003	2.687	0.232
7	7/4/2024	2:00PM	0.08	1.42	0.002	2.216	0.191
8	7/4/2024	3:00PM	0.07	1.42	0.002	1.745	0.151
9	7/4/2024	4:00PM	0.08	1.42	0.002	2.216	0.191
10	7/4/2024	5:00PM	0.08	1.42	0.003	2.687	0.232
11	7/4/2024	6:00PM	0.09	1.42	0.003	3.159	0.273
12	7/4/2024	7:00PM	0.09	1.42	0.004	3.630	0.314
13	7/4/2024	8:00PM	0.10	1.42	0.004	4.101	0.354
14	7/4/2024	9:00PM	0.10	1.42	0.005	4.572	0.395
15	7/4/2024	10:00PM	0.10	1.42	0.004	4.101	0.354
16	7/4/2024	11:00PM	0.09	1.42	0.004	3.630	0.314
17	7/4/2024	12:00AM	0.09	1.42	0.003	3.159	0.273
18	8/4/2024	1:00AM	0.08	1.42	0.003	2.687	0.232
19	8/4/2024	2:00AM	0.08	1.42	0.002	2.216	0.191
20	8/4/2024	3:00AM	0.07	1.42	0.002	1.745	0.151
21	8/4/2024	4:00AM	0.08	1.42	0.002	2.216	0.191
22	8/4/2024	5:00AM	0.08	1.42	0.003	2.687	0.232
23	8/4/2024	6:00AM	0.09	1.42	0.003	3.159	0.273
24	8/4/2024	7:00AM	0.09	1.42	0.004	3.630	0.314
AVERAGE					0.003	3.159	0.273

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A / Sadiyapur			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.09	1.42	0.004	3.936	0.340
2	8/4/2024	9:00AM	0.10	1.42	0.005	4.512	0.390
3	8/4/2024	10:00AM	0.09	1.42	0.004	3.936	0.340
4	8/4/2024	11:00AM	0.09	1.42	0.003	3.359	0.290
5	8/4/2024	12:00	0.08	1.42	0.003	2.783	0.240
6	8/4/2024	1:00PM	0.08	1.42	0.002	2.206	0.191
7	8/4/2024	2:00PM	0.07	1.42	0.002	1.629	0.141
8	8/4/2024	3:00PM	0.06	1.42	0.001	1.053	0.091
9	8/4/2024	4:00PM	0.07	1.42	0.002	1.629	0.141
10	8/4/2024	5:00PM	0.08	1.42	0.002	2.206	0.191
11	8/4/2024	6:00PM	0.08	1.42	0.003	2.783	0.240
12	8/4/2024	7:00PM	0.09	1.42	0.003	3.359	0.290
13	8/4/2024	8:00PM	0.09	1.42	0.004	3.936	0.340
14	8/4/2024	9:00PM	0.10	1.42	0.005	4.512	0.390
15	8/4/2024	10:00PM	0.09	1.42	0.004	3.936	0.340
16	8/4/2024	11:00PM	0.09	1.42	0.003	3.359	0.290
17	8/4/2024	12:00AM	0.08	1.42	0.003	2.783	0.240
18	9/4/2024	1:00AM	0.08	1.42	0.002	2.206	0.191
19	9/4/2024	2:00AM	0.07	1.42	0.002	1.629	0.141
20	9/4/2024	3:00AM	0.06	1.42	0.001	1.053	0.091
21	9/4/2024	4:00AM	0.07	1.42	0.002	1.629	0.141
22	9/4/2024	5:00AM	0.08	1.42	0.002	2.206	0.191
23	9/4/2024	6:00AM	0.08	1.42	0.003	2.783	0.240
24	9/4/2024	7:00AM	0.09	1.42	0.003	3.359	0.290
AVERAGE					0.003	2.783	0.240

वर्क्स मैनेजर अभियान्त्रण
नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name		Ghaghar Drain1-A1		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.002	2.430	0.210
2	Day 2	0.002	2.478	0.214
3	Day 3	0.003	2.515	0.217
4	Day 4	0.002	2.381	0.206
5	Day 5	0.002	2.405	0.208
6	Day 6	0.003	2.551	0.220
7	Day 7	0.002	2.247	0.194
AVERAGE		**0.002**	**2.430**	**0.210**

अधिशासी अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.09	1.42	0.003	3.402	0.294
2	2/4/2024	9:00AM	0.09	1.42	0.004	3.888	0.336
3	2/4/2024	10:00AM	0.09	1.42	0.003	3.402	0.294
4	2/4/2024	11:00AM	0.08	1.42	0.003	2.916	0.252
5	2/4/2024	12:00:00	0.08	1.42	0.002	2.430	0.210
6	2/4/2024	1:00PM	0.07	1.42	0.002	1.944	0.168
7	2/4/2024	2:00PM	0.06	1.42	0.001	1.458	0.126
8	2/4/2024	3:00PM	0.05	1.42	0.001	0.972	0.084
9	2/4/2024	4:00PM	0.06	1.42	0.001	1.458	0.126
10	2/4/2024	5:00PM	0.07	1.42	0.002	1.944	0.168
11	2/4/2024	6:00PM	0.08	1.42	0.002	2.430	0.210
12	2/4/2024	7:00PM	0.08	1.42	0.003	2.916	0.252
13	2/4/2024	8:00PM	0.09	1.42	0.003	3.402	0.294
14	2/4/2024	9:00PM	0.09	1.42	0.004	3.888	0.336
15	2/4/2024	10:00PM	0.09	1.42	0.003	3.402	0.294
16	2/4/2024	11:00PM	0.08	1.42	0.003	2.916	0.252
17	2/4/2024	12:00AM	0.08	1.42	0.002	2.430	0.210
18	3/4/2024	1:00AM	0.07	1.42	0.002	1.944	0.168
19	3/4/2024	2:00AM	0.06	1.42	0.001	1.458	0.126
20	3/4/2024	3:00AM	0.05	1.42	0.001	0.972	0.084
21	3/4/2024	4:00AM	0.06	1.42	0.001	1.458	0.126
22	3/4/2024	5:00AM	0.07	1.42	0.002	1.944	0.168
23	3/4/2024	6:00AM	0.08	1.42	0.002	2.430	0.210
24	3/4/2024	7:00AM	0.08	1.42	0.003	2.916	0.252
AVERAGE					0.002	2.430	0.210

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A1			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.09	1.42	0.003	3.418	0.295
2	3/4/2024	9:00AM	0.09	1.42	0.004	3.888	0.336
3	3/4/2024	10:00AM	0.09	1.42	0.003	3.418	0.295
4	3/4/2024	11:00AM	0.08	1.42	0.003	2.948	0.255
5	3/4/2024	12:00	0.08	1.42	0.002	2.478	0.214
6	3/4/2024	1:00PM	0.07	1.42	0.002	2.009	0.174
7	3/4/2024	2:00PM	0.07	1.42	0.002	1.539	0.133
8	3/4/2024	3:00PM	0.06	1.42	0.001	1.069	0.092
9	3/4/2024	4:00PM	0.07	1.42	0.002	1.539	0.133
10	3/4/2024	5:00PM	0.07	1.42	0.002	2.009	0.174
11	3/4/2024	6:00PM	0.08	1.42	0.002	2.478	0.214
12	3/4/2024	7:00PM	0.08	1.42	0.003	2.948	0.255
13	3/4/2024	8:00PM	0.09	1.42	0.003	3.418	0.295
14	3/4/2024	9:00PM	0.09	1.42	0.004	3.888	0.336
15	3/4/2024	10:00PM	0.09	1.42	0.003	3.418	0.295
16	3/4/2024	11:00PM	0.08	1.42	0.003	2.948	0.255
17	3/4/2024	12:00AM	0.08	1.42	0.002	2.478	0.214
18	4/4/2024	1:00AM	0.07	1.42	0.002	2.009	0.174
19	4/4/2024	2:00AM	0.07	1.42	0.002	1.539	0.133
20	4/4/2024	3:00AM	0.06	1.42	0.001	1.069	0.092
21	4/4/2024	4:00AM	0.07	1.42	0.002	1.539	0.133
22	4/4/2024	5:00AM	0.07	1.42	0.002	2.009	0.174
23	4/4/2024	6:00AM	0.08	1.42	0.002	2.478	0.214
24	4/4/2024	7:00AM	0.08	1.42	0.003	2.948	0.255
AVERAGE					0.002	2.478	0.214

परियोजना अभियन्ता
नगर निगम, प्रयागराज

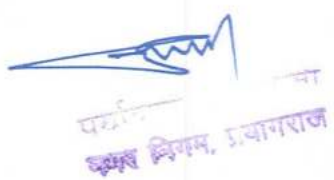
Discharge Measurement Through V-Notch Weir Method							
Drain Name			Ghaghar Drain1-A1				
Drain No.			1				
Formula			$Q= 1.42\ H^{2.5}$				
g= 9.806 m/Sec2					θ= 90°		
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.09	1.42	0.004	3.560	0.308
2	4/4/2024	9:00AM	0.10	1.42	0.004	4.082	0.353
3	4/4/2024	10:00AM	0.09	1.42	0.004	3.560	0.308
4	4/4/2024	11:00AM	0.09	1.42	0.003	3.037	0.262
5	4/4/2024	12:00	0.08	1.42	0.003	2.515	0.217
6	4/4/2024	1:00PM	0.07	1.42	0.002	1.992	0.172
7	4/4/2024	2:00PM	0.06	1.42	0.001	1.470	0.127
8	4/4/2024	3:00PM	0.05	1.42	0.001	0.948	0.082
9	4/4/2024	4:00PM	0.06	1.42	0.001	1.470	0.127
10	4/4/2024	5:00PM	0.07	1.42	0.002	1.992	0.172
11	4/4/2024	6:00PM	0.08	1.42	0.003	2.515	0.217
12	4/4/2024	7:00PM	0.09	1.42	0.003	3.037	0.262
13	4/4/2024	8:00PM	0.09	1.42	0.004	3.560	0.308
14	4/4/2024	9:00PM	0.10	1.42	0.004	4.082	0.353
15	4/4/2024	10:00PM	0.09	1.42	0.004	3.560	0.308
16	4/4/2024	11:00PM	0.09	1.42	0.003	3.037	0.262
17	4/4/2024	12:00AM	0.08	1.42	0.003	2.515	0.217
18	5/4/2024	1:00AM	0.07	1.42	0.002	1.992	0.172
19	5/4/2024	2:00AM	0.06	1.42	0.001	1.470	0.127
20	5/4/2024	3:00AM	0.05	1.42	0.001	0.948	0.082
21	5/4/2024	4:00AM	0.06	1.42	0.001	1.470	0.127
22	5/4/2024	5:00AM	0.07	1.42	0.002	1.992	0.172
23	5/4/2024	6:00AM	0.08	1.42	0.003	2.515	0.217
24	5/4/2024	7:00AM	0.09	1.42	0.003	3.037	0.262
AVERAGE					0.003	2.515	0.217

अधिशासी अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.09	1.42	0.003	3.321	0.287
2	5/4/2024	9:00AM	0.09	1.42	0.004	3.790	0.327
3	5/4/2024	10:00AM	0.09	1.42	0.003	3.321	0.287
4	5/4/2024	11:00AM	0.08	1.42	0.003	2.851	0.246
5	5/4/2024	12:00	0.08	1.42	0.002	2.381	0.206
6	5/4/2024	1:00PM	0.07	1.42	0.002	1.911	0.165
7	5/4/2024	2:00PM	0.06	1.42	0.001	1.442	0.125
8	5/4/2024	3:00PM	0.05	1.42	0.001	0.972	0.084
9	5/4/2024	4:00PM	0.06	1.42	0.001	1.442	0.125
10	5/4/2024	5:00PM	0.07	1.42	0.002	1.911	0.165
11	5/4/2024	6:00PM	0.08	1.42	0.002	2.381	0.206
12	5/4/2024	7:00PM	0.08	1.42	0.003	2.851	0.246
13	5/4/2024	8:00PM	0.09	1.42	0.003	3.321	0.287
14	5/4/2024	9:00PM	0.09	1.42	0.004	3.790	0.327
15	5/4/2024	10:00PM	0.09	1.42	0.003	3.321	0.287
16	5/4/2024	11:00PM	0.08	1.42	0.003	2.851	0.246
17	5/4/2024	12:00AM	0.08	1.42	0.002	2.381	0.206
18	6/4/2024	1:00AM	0.07	1.42	0.002	1.911	0.165
19	6/4/2024	2:00AM	0.06	1.42	0.001	1.442	0.125
20	6/4/2024	3:00AM	0.05	1.42	0.001	0.972	0.084
21	6/4/2024	4:00AM	0.06	1.42	0.001	1.442	0.125
22	6/4/2024	5:00AM	0.07	1.42	0.002	1.911	0.165
23	6/4/2024	6:00AM	0.08	1.42	0.002	2.381	0.206
24	6/4/2024	7:00AM	0.08	1.42	0.003	2.851	0.246
AVERAGE					0.002	2.381	0.206



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.09	1.42	0.003	3.393	0.293
2	6/4/2024	9:00AM	0.09	1.42	0.004	3.888	0.336
3	6/4/2024	10:00AM	0.09	1.42	0.003	3.393	0.293
4	6/4/2024	11:00AM	0.08	1.42	0.003	2.899	0.251
5	6/4/2024	12:00	0.08	1.42	0.002	2.405	0.208
6	6/4/2024	1:00PM	0.07	1.42	0.002	1.911	0.165
7	6/4/2024	2:00PM	0.06	1.42	0.001	1.417	0.122
8	6/4/2024	3:00PM	0.05	1.42	0.001	0.923	0.080
9	6/4/2024	4:00PM	0.06	1.42	0.001	1.417	0.122
10	6/4/2024	5:00PM	0.07	1.42	0.002	1.911	0.165
11	6/4/2024	6:00PM	0.08	1.42	0.002	2.405	0.208
12	6/4/2024	7:00PM	0.08	1.42	0.003	2.899	0.251
13	6/4/2024	8:00PM	0.09	1.42	0.003	3.393	0.293
14	6/4/2024	9:00PM	0.09	1.42	0.004	3.888	0.336
15	6/4/2024	10:00PM	0.09	1.42	0.003	3.393	0.293
16	6/4/2024	11:00PM	0.08	1.42	0.003	2.899	0.251
17	6/4/2024	12:00AM	0.08	1.42	0.002	2.405	0.208
18	7/4/2024	1:00AM	0.07	1.42	0.002	1.911	0.165
19	7/4/2024	2:00AM	0.06	1.42	0.001	1.417	0.122
20	7/4/2024	3:00AM	0.05	1.42	0.001	0.923	0.080
21	7/4/2024	4:00AM	0.06	1.42	0.001	1.417	0.122
22	7/4/2024	5:00AM	0.07	1.42	0.002	1.911	0.165
23	7/4/2024	6:00AM	0.08	1.42	0.002	2.405	0.208
24	7/4/2024	7:00AM	0.08	1.42	0.003	2.899	0.251
AVERAGE					0.002	2.405	0.208



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.09	1.42	0.003	3.312	0.286
2	7/4/2024	9:00AM	0.09	1.42	0.004	3.693	0.319
3	7/4/2024	10:00AM	0.09	1.42	0.003	3.312	0.286
4	7/4/2024	11:00AM	0.08	1.42	0.003	2.932	0.253
5	7/4/2024	12:00	0.08	1.42	0.003	2.551	0.220
6	7/4/2024	1:00PM	0.07	1.42	0.002	2.171	0.188
7	7/4/2024	2:00PM	0.07	1.42	0.002	1.790	0.155
8	7/4/2024	3:00PM	0.06	1.42	0.001	1.409	0.122
9	7/4/2024	4:00PM	0.07	1.42	0.002	1.790	0.155
10	7/4/2024	5:00PM	0.07	1.42	0.002	2.171	0.188
11	7/4/2024	6:00PM	0.08	1.42	0.003	2.551	0.220
12	7/4/2024	7:00PM	0.08	1.42	0.003	2.932	0.253
13	7/4/2024	8:00PM	0.09	1.42	0.003	3.312	0.286
14	7/4/2024	9:00PM	0.09	1.42	0.004	3.693	0.319
15	7/4/2024	10:00PM	0.09	1.42	0.003	3.312	0.286
16	7/4/2024	11:00PM	0.08	1.42	0.003	2.932	0.253
17	7/4/2024	12:00AM	0.08	1.42	0.003	2.551	0.220
18	8/4/2024	1:00AM	0.07	1.42	0.002	2.171	0.188
19	8/4/2024	2:00AM	0.07	1.42	0.002	1.790	0.155
20	8/4/2024	3:00AM	0.06	1.42	0.001	1.409	0.122
21	8/4/2024	4:00AM	0.07	1.42	0.002	1.790	0.155
22	8/4/2024	5:00AM	0.07	1.42	0.002	2.171	0.188
23	8/4/2024	6:00AM	0.08	1.42	0.003	2.551	0.220
24	8/4/2024	7:00AM	0.08	1.42	0.003	2.932	0.253
AVERAGE					0.003	2.551	0.220



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-A1			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.09	1.42	0.003	3.179	0.275
2	8/4/2024	9:00AM	0.09	1.42	0.004	3.645	0.315
3	8/4/2024	10:00AM	0.09	1.42	0.003	3.179	0.275
4	8/4/2024	11:00AM	0.08	1.42	0.003	2.713	0.234
5	8/4/2024	12:00	0.08	1.42	0.002	2.247	0.194
6	8/4/2024	1:00PM	0.07	1.42	0.002	1.782	0.154
7	8/4/2024	2:00PM	0.06	1.42	0.001	1.316	0.114
8	8/4/2024	3:00PM	0.05	1.42	0.001	0.850	0.073
9	8/4/2024	4:00PM	0.06	1.42	0.001	1.316	0.114
10	8/4/2024	5:00PM	0.07	1.42	0.002	1.782	0.154
11	8/4/2024	6:00PM	0.08	1.42	0.002	2.247	0.194
12	8/4/2024	7:00PM	0.08	1.42	0.003	2.713	0.234
13	8/4/2024	8:00PM	0.09	1.42	0.003	3.179	0.275
14	8/4/2024	9:00PM	0.09	1.42	0.004	3.645	0.315
15	8/4/2024	10:00PM	0.09	1.42	0.003	3.179	0.275
16	8/4/2024	11:00PM	0.08	1.42	0.003	2.713	0.234
17	8/4/2024	12:00AM	0.08	1.42	0.002	2.247	0.194
18	9/4/2024	1:00AM	0.07	1.42	0.002	1.782	0.154
19	9/4/2024	2:00AM	0.06	1.42	0.001	1.316	0.114
20	9/4/2024	3:00AM	0.05	1.42	0.001	0.850	0.073
21	9/4/2024	4:00AM	0.06	1.42	0.001	1.316	0.114
22	9/4/2024	5:00AM	0.07	1.42	0.002	1.782	0.154
23	9/4/2024	6:00AM	0.08	1.42	0.002	2.247	0.194
24	9/4/2024	7:00AM	0.08	1.42	0.003	2.713	0.234
AVERAGE					0.002	2.247	0.194

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

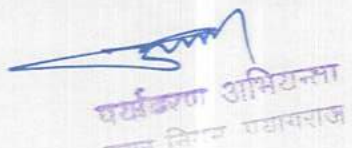
Average Discharge of 7 Days Flow Measurement				
Drain Name		Ghaghar Drain1-B/ Harshvardhan Drain		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.001	1.157	0.100
2	Day 2	0.001	1.180	0.102
3	Day 3	0.001	1.197	0.103
4	Day 4	0.001	1.134	0.098
5	Day 5	0.001	1.145	0.099
6	Day 6	0.001	1.215	0.105
7	Day 7	0.001	1.070	0.092
AVERAGE		**0.001**	**1.157**	**0.100**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-B/ Harshvardhan Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.07	1.42	0.002	1.620	0.140
2	2/4/2024	9:00AM	0.07	1.42	0.002	1.851	0.160
3	2/4/2024	10:00AM	0.07	1.42	0.002	1.620	0.140
4	2/4/2024	11:00AM	0.06	1.42	0.001	1.388	0.120
5	2/4/2024	12:00:00	0.06	1.42	0.001	1.157	0.100
6	2/4/2024	1:00PM	0.05	1.42	0.001	0.926	0.080
7	2/4/2024	2:00PM	0.05	1.42	0.001	0.694	0.060
8	2/4/2024	3:00PM	0.04	1.42	0.000	0.463	0.040
9	2/4/2024	4:00PM	0.05	1.42	0.001	0.694	0.060
10	2/4/2024	5:00PM	0.05	1.42	0.001	0.926	0.080
11	2/4/2024	6:00PM	0.06	1.42	0.001	1.157	0.100
12	2/4/2024	7:00PM	0.06	1.42	0.001	1.388	0.120
13	2/4/2024	8:00PM	0.07	1.42	0.002	1.620	0.140
14	2/4/2024	9:00PM	0.07	1.42	0.002	1.851	0.160
15	2/4/2024	10:00PM	0.07	1.42	0.002	1.620	0.140
16	2/4/2024	11:00PM	0.06	1.42	0.001	1.388	0.120
17	2/4/2024	12:00AM	0.06	1.42	0.001	1.157	0.100
18	3/4/2024	1:00AM	0.05	1.42	0.001	0.926	0.080
19	3/4/2024	2:00AM	0.05	1.42	0.001	0.694	0.060
20	3/4/2024	3:00AM	0.04	1.42	0.000	0.463	0.040
21	3/4/2024	4:00AM	0.05	1.42	0.001	0.694	0.060
22	3/4/2024	5:00AM	0.05	1.42	0.001	0.926	0.080
23	3/4/2024	6:00AM	0.06	1.42	0.001	1.157	0.100
24	3/4/2024	7:00AM	0.06	1.42	0.001	1.388	0.120
AVERAGE					0.001	1.157	0.100

पर्यावरण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-B/ Harshvardhan Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.07	1.42	0.002	1.628	0.141
2	3/4/2024	9:00AM	0.07	1.42	0.002	1.851	0.160
3	3/4/2024	10:00AM	0.07	1.42	0.002	1.628	0.141
4	3/4/2024	11:00AM	0.06	1.42	0.001	1.404	0.121
5	3/4/2024	12:00	0.06	1.42	0.001	1.180	0.102
6	3/4/2024	1:00PM	0.05	1.42	0.001	0.956	0.083
7	3/4/2024	2:00PM	0.05	1.42	0.001	0.733	0.063
8	3/4/2024	3:00PM	0.04	1.42	0.001	0.509	0.044
9	3/4/2024	4:00PM	0.05	1.42	0.001	0.733	0.063
10	3/4/2024	5:00PM	0.05	1.42	0.001	0.956	0.083
11	3/4/2024	6:00PM	0.06	1.42	0.001	1.180	0.102
12	3/4/2024	7:00PM	0.06	1.42	0.001	1.404	0.121
13	3/4/2024	8:00PM	0.07	1.42	0.002	1.628	0.141
14	3/4/2024	9:00PM	0.07	1.42	0.002	1.851	0.160
15	3/4/2024	10:00PM	0.07	1.42	0.002	1.628	0.141
16	3/4/2024	11:00PM	0.06	1.42	0.001	1.404	0.121
17	3/4/2024	12:00AM	0.06	1.42	0.001	1.180	0.102
18	4/4/2024	1:00AM	0.05	1.42	0.001	0.956	0.083
19	4/4/2024	2:00AM	0.05	1.42	0.001	0.733	0.063
20	4/4/2024	3:00AM	0.04	1.42	0.001	0.509	0.044
21	4/4/2024	4:00AM	0.05	1.42	0.001	0.733	0.063
22	4/4/2024	5:00AM	0.05	1.42	0.001	0.956	0.083
23	4/4/2024	6:00AM	0.06	1.42	0.001	1.180	0.102
24	4/4/2024	7:00AM	0.06	1.42	0.001	1.404	0.121
AVERAGE					0.001	1.180	0.102



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-B/ Harshvardhan Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.07	1.42	0.002	1.695	0.146
2	4/4/2024	9:00AM	0.07	1.42	0.002	1.944	0.168
3	4/4/2024	10:00AM	0.07	1.42	0.002	1.695	0.146
4	4/4/2024	11:00AM	0.06	1.42	0.001	1.446	0.125
5	4/4/2024	12:00	0.06	1.42	0.001	1.197	0.103
6	4/4/2024	1:00PM	0.05	1.42	0.001	0.949	0.082
7	4/4/2024	2:00PM	0.05	1.42	0.001	0.700	0.060
8	4/4/2024	3:00PM	0.04	1.42	0.000	0.451	0.039
9	4/4/2024	4:00PM	0.05	1.42	0.001	0.700	0.060
10	4/4/2024	5:00PM	0.05	1.42	0.001	0.949	0.082
11	4/4/2024	6:00PM	0.06	1.42	0.001	1.197	0.103
12	4/4/2024	7:00PM	0.06	1.42	0.001	1.446	0.125
13	4/4/2024	8:00PM	0.07	1.42	0.002	1.695	0.146
14	4/4/2024	9:00PM	0.07	1.42	0.002	1.944	0.168
15	4/4/2024	10:00PM	0.07	1.42	0.002	1.695	0.146
16	4/4/2024	11:00PM	0.06	1.42	0.001	1.446	0.125
17	4/4/2024	12:00AM	0.06	1.42	0.001	1.197	0.103
18	5/4/2024	1:00AM	0.05	1.42	0.001	0.949	0.082
19	5/4/2024	2:00AM	0.05	1.42	0.001	0.700	0.060
20	5/4/2024	3:00AM	0.04	1.42	0.000	0.451	0.039
21	5/4/2024	4:00AM	0.05	1.42	0.001	0.700	0.060
22	5/4/2024	5:00AM	0.05	1.42	0.001	0.949	0.082
23	5/4/2024	6:00AM	0.06	1.42	0.001	1.197	0.103
24	5/4/2024	7:00AM	0.06	1.42	0.001	1.446	0.125
AVERAGE					0.001	1.197	0.103

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-B/ Harshvardhan Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.07	1.42	0.002	1.581	0.137
2	5/4/2024	9:00AM	0.07	1.42	0.002	1.805	0.156
3	5/4/2024	10:00AM	0.07	1.42	0.002	1.581	0.137
4	5/4/2024	11:00AM	0.06	1.42	0.001	1.358	0.117
5	5/4/2024	12:00	0.06	1.42	0.001	1.134	0.098
6	5/4/2024	1:00PM	0.05	1.42	0.001	0.910	0.079
7	5/4/2024	2:00PM	0.05	1.42	0.001	0.686	0.059
8	5/4/2024	3:00PM	0.04	1.42	0.000	0.463	0.040
9	5/4/2024	4:00PM	0.05	1.42	0.001	0.686	0.059
10	5/4/2024	5:00PM	0.05	1.42	0.001	0.910	0.079
11	5/4/2024	6:00PM	0.06	1.42	0.001	1.134	0.098
12	5/4/2024	7:00PM	0.06	1.42	0.001	1.358	0.117
13	5/4/2024	8:00PM	0.07	1.42	0.002	1.581	0.137
14	5/4/2024	9:00PM	0.07	1.42	0.002	1.805	0.156
15	5/4/2024	10:00PM	0.07	1.42	0.002	1.581	0.137
16	5/4/2024	11:00PM	0.06	1.42	0.001	1.358	0.117
17	5/4/2024	12:00AM	0.06	1.42	0.001	1.134	0.098
18	6/4/2024	1:00AM	0.05	1.42	0.001	0.910	0.079
19	6/4/2024	2:00AM	0.05	1.42	0.001	0.686	0.059
20	6/4/2024	3:00AM	0.04	1.42	0.000	0.463	0.040
21	6/4/2024	4:00AM	0.05	1.42	0.001	0.686	0.059
22	6/4/2024	5:00AM	0.05	1.42	0.001	0.910	0.079
23	6/4/2024	6:00AM	0.06	1.42	0.001	1.134	0.098
24	6/4/2024	7:00AM	0.06	1.42	0.001	1.358	0.117
AVERAGE					0.001	1.134	0.098

पर्यावरण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-B/ Harshvardhan Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.07	1.42	0.002	1.616	0.140
2	6/4/2024	9:00AM	0.07	1.42	0.002	1.851	0.160
3	6/4/2024	10:00AM	0.07	1.42	0.002	1.616	0.140
4	6/4/2024	11:00AM	0.06	1.42	0.001	1.381	0.119
5	6/4/2024	12:00	0.06	1.42	0.001	1.145	0.099
6	6/4/2024	1:00PM	0.05	1.42	0.001	0.910	0.079
7	6/4/2024	2:00PM	0.05	1.42	0.001	0.675	0.058
8	6/4/2024	3:00PM	0.04	1.42	0.000	0.440	0.038
9	6/4/2024	4:00PM	0.05	1.42	0.001	0.675	0.058
10	6/4/2024	5:00PM	0.05	1.42	0.001	0.910	0.079
11	6/4/2024	6:00PM	0.06	1.42	0.001	1.145	0.099
12	6/4/2024	7:00PM	0.06	1.42	0.001	1.381	0.119
13	6/4/2024	8:00PM	0.07	1.42	0.002	1.616	0.140
14	6/4/2024	9:00PM	0.07	1.42	0.002	1.851	0.160
15	6/4/2024	10:00PM	0.07	1.42	0.002	1.616	0.140
16	6/4/2024	11:00PM	0.06	1.42	0.001	1.381	0.119
17	6/4/2024	12:00AM	0.06	1.42	0.001	1.145	0.099
18	7/4/2024	1:00AM	0.05	1.42	0.001	0.910	0.079
19	7/4/2024	2:00AM	0.05	1.42	0.001	0.675	0.058
20	7/4/2024	3:00AM	0.04	1.42	0.000	0.440	0.038
21	7/4/2024	4:00AM	0.05	1.42	0.001	0.675	0.058
22	7/4/2024	5:00AM	0.05	1.42	0.001	0.910	0.079
23	7/4/2024	6:00AM	0.06	1.42	0.001	1.145	0.099
24	7/4/2024	7:00AM	0.06	1.42	0.001	1.381	0.119
AVERAGE					0.001	1.145	0.099

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-B/ Harshvardhan Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.07	1.42	0.002	1.577	0.136
2	7/4/2024	9:00AM	0.07	1.42	0.002	1.759	0.152
3	7/4/2024	10:00AM	0.07	1.42	0.002	1.577	0.136
4	7/4/2024	11:00AM	0.06	1.42	0.001	1.396	0.121
5	7/4/2024	12:00	0.06	1.42	0.001	1.215	0.105
6	7/4/2024	1:00PM	0.06	1.42	0.001	1.034	0.089
7	7/4/2024	2:00PM	0.05	1.42	0.001	0.852	0.074
8	7/4/2024	3:00PM	0.05	1.42	0.001	0.671	0.058
9	7/4/2024	4:00PM	0.05	1.42	0.001	0.852	0.074
10	7/4/2024	5:00PM	0.06	1.42	0.001	1.034	0.089
11	7/4/2024	6:00PM	0.06	1.42	0.001	1.215	0.105
12	7/4/2024	7:00PM	0.06	1.42	0.001	1.396	0.121
13	7/4/2024	8:00PM	0.07	1.42	0.002	1.577	0.136
14	7/4/2024	9:00PM	0.07	1.42	0.002	1.759	0.152
15	7/4/2024	10:00PM	0.07	1.42	0.002	1.577	0.136
16	7/4/2024	11:00PM	0.06	1.42	0.001	1.396	0.121
17	7/4/2024	12:00AM	0.06	1.42	0.001	1.215	0.105
18	8/4/2024	1:00AM	0.06	1.42	0.001	1.034	0.089
19	8/4/2024	2:00AM	0.05	1.42	0.001	0.852	0.074
20	8/4/2024	3:00AM	0.05	1.42	0.001	0.671	0.058
21	8/4/2024	4:00AM	0.05	1.42	0.001	0.852	0.074
22	8/4/2024	5:00AM	0.06	1.42	0.001	1.034	0.089
23	8/4/2024	6:00AM	0.06	1.42	0.001	1.215	0.105
24	8/4/2024	7:00AM	0.06	1.42	0.001	1.396	0.121
AVERAGE					0.001	1.215	0.105

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Ghaghar Drain1-B/ Harshvardhan Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.06	1.42	0.002	1.514	0.131
2	8/4/2024	9:00AM	0.07	1.42	0.002	1.736	0.150
3	8/4/2024	10:00AM	0.06	1.42	0.002	1.514	0.131
4	8/4/2024	11:00AM	0.06	1.42	0.001	1.292	0.112
5	8/4/2024	12:00	0.06	1.42	0.001	1.070	0.092
6	8/4/2024	1:00PM	0.05	1.42	0.001	0.848	0.073
7	8/4/2024	2:00PM	0.05	1.42	0.001	0.627	0.054
8	8/4/2024	3:00PM	0.04	1.42	0.000	0.405	0.035
9	8/4/2024	4:00PM	0.05	1.42	0.001	0.627	0.054
10	8/4/2024	5:00PM	0.05	1.42	0.001	0.848	0.073
11	8/4/2024	6:00PM	0.06	1.42	0.001	1.070	0.092
12	8/4/2024	7:00PM	0.06	1.42	0.001	1.292	0.112
13	8/4/2024	8:00PM	0.06	1.42	0.002	1.514	0.131
14	8/4/2024	9:00PM	0.07	1.42	0.002	1.736	0.150
15	8/4/2024	10:00PM	0.06	1.42	0.002	1.514	0.131
16	8/4/2024	11:00PM	0.06	1.42	0.001	1.292	0.112
17	8/4/2024	12:00AM	0.06	1.42	0.001	1.070	0.092
18	9/4/2024	1:00AM	0.05	1.42	0.001	0.848	0.073
19	9/4/2024	2:00AM	0.05	1.42	0.001	0.627	0.054
20	9/4/2024	3:00AM	0.04	1.42	0.000	0.405	0.035
21	9/4/2024	4:00AM	0.05	1.42	0.001	0.627	0.054
22	9/4/2024	5:00AM	0.05	1.42	0.001	0.848	0.073
23	9/4/2024	6:00AM	0.06	1.42	0.001	1.070	0.092
24	9/4/2024	7:00AM	0.06	1.42	0.001	1.292	0.112
AVERAGE					0.001	1.070	0.092

परियोजना अभियन्ता
नगर निगम प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name		Jai Gurudev Ashram Drain		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.014	13.768	1.190
2	Day 2	0.014	14.044	1.213
3	Day 3	0.014	14.250	1.231
4	Day 4	0.013	13.493	1.166
5	Day 5	0.014	13.631	1.178
6	Day 6	0.014	14.457	1.249
7	Day 7	0.013	12.736	1.100
AVERAGE		**0.014**	**13.768**	**1.190**

पर्यावरण अभियन्ता

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jai Gurudev Ashram Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.18	1.42	0.019	19.276	1.665
2	2/4/2024	9:00AM	0.19	1.42	0.022	22.029	1.903
3	2/4/2024	10:00AM	0.18	1.42	0.019	19.276	1.665
4	2/4/2024	11:00AM	0.17	1.42	0.017	16.522	1.428
5	2/4/2024	12:00:00	0.16	1.42	0.014	13.768	1.190
6	2/4/2024	1:00PM	0.14	1.42	0.011	11.015	0.952
7	2/4/2024	2:00PM	0.13	1.42	0.008	8.261	0.714
8	2/4/2024	3:00PM	0.11	1.42	0.006	5.507	0.476
9	2/4/2024	4:00PM	0.13	1.42	0.008	8.261	0.714
10	2/4/2024	5:00PM	0.14	1.42	0.011	11.015	0.952
11	2/4/2024	6:00PM	0.16	1.42	0.014	13.768	1.190
12	2/4/2024	7:00PM	0.17	1.42	0.017	16.522	1.428
13	2/4/2024	8:00PM	0.18	1.42	0.019	19.276	1.665
14	2/4/2024	9:00PM	0.19	1.42	0.022	22.029	1.903
15	2/4/2024	10:00PM	0.18	1.42	0.019	19.276	1.665
16	2/4/2024	11:00PM	0.17	1.42	0.017	16.522	1.428
17	2/4/2024	12:00AM	0.16	1.42	0.014	13.768	1.190
18	3/4/2024	1:00AM	0.14	1.42	0.011	11.015	0.952
19	3/4/2024	2:00AM	0.13	1.42	0.008	8.261	0.714
20	3/4/2024	3:00AM	0.11	1.42	0.006	5.507	0.476
21	3/4/2024	4:00AM	0.13	1.42	0.008	8.261	0.714
22	3/4/2024	5:00AM	0.14	1.42	0.011	11.015	0.952
23	3/4/2024	6:00AM	0.16	1.42	0.014	13.768	1.190
24	3/4/2024	7:00AM	0.17	1.42	0.017	16.522	1.428
AVERAGE					0.014	13.768	1.190

पर्यावरण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jai Gurudev Ashram Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.18	1.42	0.019	19.367	1.673
2	3/4/2024	9:00AM	0.19	1.42	0.022	22.029	1.903
3	3/4/2024	10:00AM	0.18	1.42	0.019	19.367	1.673
4	3/4/2024	11:00AM	0.17	1.42	0.017	16.706	1.443
5	3/4/2024	12:00	0.16	1.42	0.014	14.044	1.213
6	3/4/2024	1:00PM	0.15	1.42	0.011	11.382	0.983
7	3/4/2024	2:00PM	0.13	1.42	0.009	8.720	0.753
8	3/4/2024	3:00PM	0.11	1.42	0.006	6.058	0.523
9	3/4/2024	4:00PM	0.13	1.42	0.009	8.720	0.753
10	3/4/2024	5:00PM	0.15	1.42	0.011	11.382	0.983
11	3/4/2024	6:00PM	0.16	1.42	0.014	14.044	1.213
12	3/4/2024	7:00PM	0.17	1.42	0.017	16.706	1.443
13	3/4/2024	8:00PM	0.18	1.42	0.019	19.367	1.673
14	3/4/2024	9:00PM	0.19	1.42	0.022	22.029	1.903
15	3/4/2024	10:00PM	0.18	1.42	0.019	19.367	1.673
16	3/4/2024	11:00PM	0.17	1.42	0.017	16.706	1.443
17	3/4/2024	12:00AM	0.16	1.42	0.014	14.044	1.213
18	4/4/2024	1:00AM	0.15	1.42	0.011	11.382	0.983
19	4/4/2024	2:00AM	0.13	1.42	0.009	8.720	0.753
20	4/4/2024	3:00AM	0.11	1.42	0.006	6.058	0.523
21	4/4/2024	4:00AM	0.13	1.42	0.009	8.720	0.753
22	4/4/2024	5:00AM	0.15	1.42	0.011	11.382	0.983
23	4/4/2024	6:00AM	0.16	1.42	0.014	14.044	1.213
24	4/4/2024	7:00AM	0.17	1.42	0.017	16.706	1.443
AVERAGE					0.014	14.044	1.213

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jai Gurudev Ashram Drain			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.18	1.42	0.020	20.171	1.743
2	4/4/2024	9:00AM	0.19	1.42	0.023	23.131	1.999
3	4/4/2024	10:00AM	0.18	1.42	0.020	20.171	1.743
4	4/4/2024	11:00AM	0.17	1.42	0.017	17.210	1.487
5	4/4/2024	12:00	0.16	1.42	0.014	14.250	1.231
6	4/4/2024	1:00PM	0.14	1.42	0.011	11.290	0.975
7	4/4/2024	2:00PM	0.13	1.42	0.008	8.330	0.720
8	4/4/2024	3:00PM	0.11	1.42	0.005	5.370	0.464
9	4/4/2024	4:00PM	0.13	1.42	0.008	8.330	0.720
10	4/4/2024	5:00PM	0.14	1.42	0.011	11.290	0.975
11	4/4/2024	6:00PM	0.16	1.42	0.014	14.250	1.231
12	4/4/2024	7:00PM	0.17	1.42	0.017	17.210	1.487
13	4/4/2024	8:00PM	0.18	1.42	0.020	20.171	1.743
14	4/4/2024	9:00PM	0.19	1.42	0.023	23.131	1.999
15	4/4/2024	10:00PM	0.18	1.42	0.020	20.171	1.743
16	4/4/2024	11:00PM	0.17	1.42	0.017	17.210	1.487
17	4/4/2024	12:00AM	0.16	1.42	0.014	14.250	1.231
18	5/4/2024	1:00AM	0.14	1.42	0.011	11.290	0.975
19	5/4/2024	2:00AM	0.13	1.42	0.008	8.330	0.720
20	5/4/2024	3:00AM	0.11	1.42	0.005	5.370	0.464
21	5/4/2024	4:00AM	0.13	1.42	0.008	8.330	0.720
22	5/4/2024	5:00AM	0.14	1.42	0.011	11.290	0.975
23	5/4/2024	6:00AM	0.16	1.42	0.014	14.250	1.231
24	5/4/2024	7:00AM	0.17	1.42	0.017	17.210	1.487
AVERAGE					0.014	14.250	1.231

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jai Gurudev Ashram Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.18	1.42	0.019	18.817	1.626
2	5/4/2024	9:00AM	0.19	1.42	0.021	21.479	1.856
3	5/4/2024	10:00AM	0.18	1.42	0.019	18.817	1.626
4	5/4/2024	11:00AM	0.17	1.42	0.016	16.155	1.396
5	5/4/2024	12:00	0.16	1.42	0.013	13.493	1.166
6	5/4/2024	1:00PM	0.14	1.42	0.011	10.831	0.936
7	5/4/2024	2:00PM	0.13	1.42	0.008	8.169	0.706
8	5/4/2024	3:00PM	0.11	1.42	0.006	5.507	0.476
9	5/4/2024	4:00PM	0.13	1.42	0.008	8.169	0.706
10	5/4/2024	5:00PM	0.14	1.42	0.011	10.831	0.936
11	5/4/2024	6:00PM	0.16	1.42	0.013	13.493	1.166
12	5/4/2024	7:00PM	0.17	1.42	0.016	16.155	1.396
13	5/4/2024	8:00PM	0.18	1.42	0.019	18.817	1.626
14	5/4/2024	9:00PM	0.19	1.42	0.021	21.479	1.856
15	5/4/2024	10:00PM	0.18	1.42	0.019	18.817	1.626
16	5/4/2024	11:00PM	0.17	1.42	0.016	16.155	1.396
17	5/4/2024	12:00AM	0.16	1.42	0.013	13.493	1.166
18	6/4/2024	1:00AM	0.14	1.42	0.011	10.831	0.936
19	6/4/2024	2:00AM	0.13	1.42	0.008	8.169	0.706
20	6/4/2024	3:00AM	0.11	1.42	0.006	5.507	0.476
21	6/4/2024	4:00AM	0.13	1.42	0.008	8.169	0.706
22	6/4/2024	5:00AM	0.14	1.42	0.011	10.831	0.936
23	6/4/2024	6:00AM	0.16	1.42	0.013	13.493	1.166
24	6/4/2024	7:00AM	0.17	1.42	0.016	16.155	1.396
AVERAGE					0.013	13.493	1.166

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jai Gurudev Ashram Drain			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.18	1.42	0.019	19.230	1.661
2	6/4/2024	9:00AM	0.19	1.42	0.022	22.029	1.903
3	6/4/2024	10:00AM	0.18	1.42	0.019	19.230	1.661
4	6/4/2024	11:00AM	0.17	1.42	0.016	16.430	1.420
5	6/4/2024	12:00	0.16	1.42	0.014	13.631	1.178
6	6/4/2024	1:00PM	0.14	1.42	0.011	10.831	0.936
7	6/4/2024	2:00PM	0.13	1.42	0.008	8.032	0.694
8	6/4/2024	3:00PM	0.11	1.42	0.005	5.232	0.452
9	6/4/2024	4:00PM	0.13	1.42	0.008	8.032	0.694
10	6/4/2024	5:00PM	0.14	1.42	0.011	10.831	0.936
11	6/4/2024	6:00PM	0.16	1.42	0.014	13.631	1.178
12	6/4/2024	7:00PM	0.17	1.42	0.016	16.430	1.420
13	6/4/2024	8:00PM	0.18	1.42	0.019	19.230	1.661
14	6/4/2024	9:00PM	0.19	1.42	0.022	22.029	1.903
15	6/4/2024	10:00PM	0.18	1.42	0.019	19.230	1.661
16	6/4/2024	11:00PM	0.17	1.42	0.016	16.430	1.420
17	6/4/2024	12:00AM	0.16	1.42	0.014	13.631	1.178
18	7/4/2024	1:00AM	0.14	1.42	0.011	10.831	0.936
19	7/4/2024	2:00AM	0.13	1.42	0.008	8.032	0.694
20	7/4/2024	3:00AM	0.11	1.42	0.005	5.232	0.452
21	7/4/2024	4:00AM	0.13	1.42	0.008	8.032	0.694
22	7/4/2024	5:00AM	0.14	1.42	0.011	10.831	0.936
23	7/4/2024	6:00AM	0.16	1.42	0.014	13.631	1.178
24	7/4/2024	7:00AM	0.17	1.42	0.016	16.430	1.420
AVERAGE					0.014	13.631	1.178

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jai Gurudev Ashram Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.18	1.42	0.019	18.771	1.622
2	7/4/2024	9:00AM	0.19	1.42	0.021	20.928	1.808
3	7/4/2024	10:00AM	0.18	1.42	0.019	18.771	1.622
4	7/4/2024	11:00AM	0.17	1.42	0.017	16.614	1.435
5	7/4/2024	12:00	0.16	1.42	0.014	14.457	1.249
6	7/4/2024	1:00PM	0.15	1.42	0.012	12.300	1.063
7	7/4/2024	2:00PM	0.14	1.42	0.010	10.143	0.876
8	7/4/2024	3:00PM	0.13	1.42	0.008	7.986	0.690
9	7/4/2024	4:00PM	0.14	1.42	0.010	10.143	0.876
10	7/4/2024	5:00PM	0.15	1.42	0.012	12.300	1.063
11	7/4/2024	6:00PM	0.16	1.42	0.014	14.457	1.249
12	7/4/2024	7:00PM	0.17	1.42	0.017	16.614	1.435
13	7/4/2024	8:00PM	0.18	1.42	0.019	18.771	1.622
14	7/4/2024	9:00PM	0.19	1.42	0.021	20.928	1.808
15	7/4/2024	10:00PM	0.18	1.42	0.019	18.771	1.622
16	7/4/2024	11:00PM	0.17	1.42	0.017	16.614	1.435
17	7/4/2024	12:00AM	0.16	1.42	0.014	14.457	1.249
18	8/4/2024	1:00AM	0.15	1.42	0.012	12.300	1.063
19	8/4/2024	2:00AM	0.14	1.42	0.010	10.143	0.876
20	8/4/2024	3:00AM	0.13	1.42	0.008	7.986	0.690
21	8/4/2024	4:00AM	0.14	1.42	0.010	10.143	0.876
22	8/4/2024	5:00AM	0.15	1.42	0.012	12.300	1.063
23	8/4/2024	6:00AM	0.16	1.42	0.014	14.457	1.249
24	8/4/2024	7:00AM	0.17	1.42	0.017	16.614	1.435
AVERAGE					0.014	14.457	1.249

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Jai Gurudev Ashram Drain			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.17	1.42	0.018	18.014	1.556
2	8/4/2024	9:00AM	0.18	1.42	0.021	20.652	1.784
3	8/4/2024	10:00AM	0.17	1.42	0.018	18.014	1.556
4	8/4/2024	11:00AM	0.16	1.42	0.015	15.375	1.328
5	8/4/2024	12:00	0.15	1.42	0.013	12.736	1.100
6	8/4/2024	1:00PM	0.14	1.42	0.010	10.097	0.872
7	8/4/2024	2:00PM	0.12	1.42	0.007	7.458	0.644
8	8/4/2024	3:00PM	0.10	1.42	0.005	4.819	0.416
9	8/4/2024	4:00PM	0.12	1.42	0.007	7.458	0.644
10	8/4/2024	5:00PM	0.14	1.42	0.010	10.097	0.872
11	8/4/2024	6:00PM	0.15	1.42	0.013	12.736	1.100
12	8/4/2024	7:00PM	0.16	1.42	0.015	15.375	1.328
13	8/4/2024	8:00PM	0.17	1.42	0.018	18.014	1.556
14	8/4/2024	9:00PM	0.18	1.42	0.021	20.652	1.784
15	8/4/2024	10:00PM	0.17	1.42	0.018	18.014	1.556
16	8/4/2024	11:00PM	0.16	1.42	0.015	15.375	1.328
17	8/4/2024	12:00AM	0.15	1.42	0.013	12.736	1.100
18	9/4/2024	1:00AM	0.14	1.42	0.010	10.097	0.872
19	9/4/2024	2:00AM	0.12	1.42	0.007	7.458	0.644
20	9/4/2024	3:00AM	0.10	1.42	0.005	4.819	0.416
21	9/4/2024	4:00AM	0.12	1.42	0.007	7.458	0.644
22	9/4/2024	5:00AM	0.14	1.42	0.010	10.097	0.872
23	9/4/2024	6:00AM	0.15	1.42	0.013	12.736	1.100
24	9/4/2024	7:00AM	0.16	1.42	0.015	15.375	1.328
AVERAGE					0.013	12.736	1.100

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name			Mahewa Pasi Tola Drain No. 1	
Drain No.			1	
Formula			$Q= 1.42\ H^{2.5}$	
g= 9.806 m/Sec2			θ= 90°	
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.008	8.330	0.720
2	Day 2	0.008	8.497	0.734
3	Day 3	0.009	8.622	0.745
4	Day 4	0.008	8.164	0.705
5	Day 5	0.008	8.247	0.713
6	Day 6	0.009	8.747	0.756
7	Day 7	0.008	7.706	0.666
AVERAGE		**0.008**	**8.330**	**0.720**

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.15	1.42	0.012	11.663	1.008
2	2/4/2024	9:00AM	0.15	1.42	0.013	13.329	1.152
3	2/4/2024	10:00AM	0.15	1.42	0.012	11.663	1.008
4	2/4/2024	11:00AM	0.14	1.42	0.010	9.996	0.864
5	2/4/2024	12:00:00	0.13	1.42	0.008	8.330	0.720
6	2/4/2024	1:00PM	0.12	1.42	0.007	6.664	0.576
7	2/4/2024	2:00PM	0.10	1.42	0.005	4.998	0.432
8	2/4/2024	3:00PM	0.09	1.42	0.003	3.332	0.288
9	2/4/2024	4:00PM	0.10	1.42	0.005	4.998	0.432
10	2/4/2024	5:00PM	0.12	1.42	0.007	6.664	0.576
11	2/4/2024	6:00PM	0.13	1.42	0.008	8.330	0.720
12	2/4/2024	7:00PM	0.14	1.42	0.010	9.996	0.864
13	2/4/2024	8:00PM	0.15	1.42	0.012	11.663	1.008
14	2/4/2024	9:00PM	0.15	1.42	0.013	13.329	1.152
15	2/4/2024	10:00PM	0.15	1.42	0.012	11.663	1.008
16	2/4/2024	11:00PM	0.14	1.42	0.010	9.996	0.864
17	2/4/2024	12:00AM	0.13	1.42	0.008	8.330	0.720
18	3/4/2024	1:00AM	0.12	1.42	0.007	6.664	0.576
19	3/4/2024	2:00AM	0.10	1.42	0.005	4.998	0.432
20	3/4/2024	3:00AM	0.09	1.42	0.003	3.332	0.288
21	3/4/2024	4:00AM	0.10	1.42	0.005	4.998	0.432
22	3/4/2024	5:00AM	0.12	1.42	0.007	6.664	0.576
23	3/4/2024	6:00AM	0.13	1.42	0.008	8.330	0.720
24	3/4/2024	7:00AM	0.14	1.42	0.010	9.996	0.864
AVERAGE					0.008	8.330	0.720

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

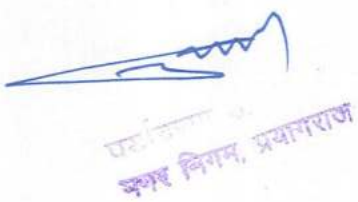
Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.15	1.42	0.012	11.718	1.012
2	3/4/2024	9:00AM	0.15	1.42	0.013	13.329	1.152
3	3/4/2024	10:00AM	0.15	1.42	0.012	11.718	1.012
4	3/4/2024	11:00AM	0.14	1.42	0.010	10.108	0.873
5	3/4/2024	12:00	0.13	1.42	0.008	8.497	0.734
6	3/4/2024	1:00PM	0.12	1.42	0.007	6.886	0.595
7	3/4/2024	2:00PM	0.11	1.42	0.005	5.276	0.456
8	3/4/2024	3:00PM	0.09	1.42	0.004	3.665	0.317
9	3/4/2024	4:00PM	0.11	1.42	0.005	5.276	0.456
10	3/4/2024	5:00PM	0.12	1.42	0.007	6.886	0.595
11	3/4/2024	6:00PM	0.13	1.42	0.008	8.497	0.734
12	3/4/2024	7:00PM	0.14	1.42	0.010	10.108	0.873
13	3/4/2024	8:00PM	0.15	1.42	0.012	11.718	1.012
14	3/4/2024	9:00PM	0.15	1.42	0.013	13.329	1.152
15	3/4/2024	10:00PM	0.15	1.42	0.012	11.718	1.012
16	3/4/2024	11:00PM	0.14	1.42	0.010	10.108	0.873
17	3/4/2024	12:00AM	0.13	1.42	0.008	8.497	0.734
18	4/4/2024	1:00AM	0.12	1.42	0.007	6.886	0.595
19	4/4/2024	2:00AM	0.11	1.42	0.005	5.276	0.456
20	4/4/2024	3:00AM	0.09	1.42	0.004	3.665	0.317
21	4/4/2024	4:00AM	0.11	1.42	0.005	5.276	0.456
22	4/4/2024	5:00AM	0.12	1.42	0.007	6.886	0.595
23	4/4/2024	6:00AM	0.13	1.42	0.008	8.497	0.734
24	4/4/2024	7:00AM	0.14	1.42	0.010	10.108	0.873
AVERAGE					0.008	8.497	0.734

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.15	1.42	0.012	12.204	1.054
2	4/4/2024	9:00AM	0.16	1.42	0.014	13.995	1.209
3	4/4/2024	10:00AM	0.15	1.42	0.012	12.204	1.054
4	4/4/2024	11:00AM	0.14	1.42	0.010	10.413	0.900
5	4/4/2024	12:00	0.13	1.42	0.009	8.622	0.745
6	4/4/2024	1:00PM	0.12	1.42	0.007	6.831	0.590
7	4/4/2024	2:00PM	0.10	1.42	0.005	5.040	0.435
8	4/4/2024	3:00PM	0.09	1.42	0.003	3.249	0.281
9	4/4/2024	4:00PM	0.10	1.42	0.005	5.040	0.435
10	4/4/2024	5:00PM	0.12	1.42	0.007	6.831	0.590
11	4/4/2024	6:00PM	0.13	1.42	0.009	8.622	0.745
12	4/4/2024	7:00PM	0.14	1.42	0.010	10.413	0.900
13	4/4/2024	8:00PM	0.15	1.42	0.012	12.204	1.054
14	4/4/2024	9:00PM	0.16	1.42	0.014	13.995	1.209
15	4/4/2024	10:00PM	0.15	1.42	0.012	12.204	1.054
16	4/4/2024	11:00PM	0.14	1.42	0.010	10.413	0.900
17	4/4/2024	12:00AM	0.13	1.42	0.009	8.622	0.745
18	5/4/2024	1:00AM	0.12	1.42	0.007	6.831	0.590
19	5/4/2024	2:00AM	0.10	1.42	0.005	5.040	0.435
20	5/4/2024	3:00AM	0.09	1.42	0.003	3.249	0.281
21	5/4/2024	4:00AM	0.10	1.42	0.005	5.040	0.435
22	5/4/2024	5:00AM	0.12	1.42	0.007	6.831	0.590
23	5/4/2024	6:00AM	0.13	1.42	0.009	8.622	0.745
24	5/4/2024	7:00AM	0.14	1.42	0.010	10.413	0.900
AVERAGE					0.009	8.622	0.745

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.15	1.42	0.011	11.385	0.984
2	5/4/2024	9:00AM	0.15	1.42	0.013	12.995	1.123
3	5/4/2024	10:00AM	0.15	1.42	0.011	11.385	0.984
4	5/4/2024	11:00AM	0.14	1.42	0.010	9.774	0.845
5	5/4/2024	12:00	0.13	1.42	0.008	8.164	0.705
6	5/4/2024	1:00PM	0.12	1.42	0.007	6.553	0.566
7	5/4/2024	2:00PM	0.10	1.42	0.005	4.943	0.427
8	5/4/2024	3:00PM	0.09	1.42	0.003	3.332	0.288
9	5/4/2024	4:00PM	0.10	1.42	0.005	4.943	0.427
10	5/4/2024	5:00PM	0.12	1.42	0.007	6.553	0.566
11	5/4/2024	6:00PM	0.13	1.42	0.008	8.164	0.705
12	5/4/2024	7:00PM	0.14	1.42	0.010	9.774	0.845
13	5/4/2024	8:00PM	0.15	1.42	0.011	11.385	0.984
14	5/4/2024	9:00PM	0.15	1.42	0.013	12.995	1.123
15	5/4/2024	10:00PM	0.15	1.42	0.011	11.385	0.984
16	5/4/2024	11:00PM	0.14	1.42	0.010	9.774	0.845
17	5/4/2024	12:00AM	0.13	1.42	0.008	8.164	0.705
18	6/4/2024	1:00AM	0.12	1.42	0.007	6.553	0.566
19	6/4/2024	2:00AM	0.10	1.42	0.005	4.943	0.427
20	6/4/2024	3:00AM	0.09	1.42	0.003	3.332	0.288
21	6/4/2024	4:00AM	0.10	1.42	0.005	4.943	0.427
22	6/4/2024	5:00AM	0.12	1.42	0.007	6.553	0.566
23	6/4/2024	6:00AM	0.13	1.42	0.008	8.164	0.705
24	6/4/2024	7:00AM	0.14	1.42	0.010	9.774	0.845
AVERAGE					0.008	8.164	0.705



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.15	1.42	0.012	11.635	1.005
2	6/4/2024	9:00AM	0.15	1.42	0.013	13.329	1.152
3	6/4/2024	10:00AM	0.15	1.42	0.012	11.635	1.005
4	6/4/2024	11:00AM	0.14	1.42	0.010	9.941	0.859
5	6/4/2024	12:00	0.13	1.42	0.008	8.247	0.713
6	6/4/2024	1:00PM	0.12	1.42	0.007	6.553	0.566
7	6/4/2024	2:00PM	0.10	1.42	0.005	4.859	0.420
8	6/4/2024	3:00PM	0.09	1.42	0.003	3.166	0.274
9	6/4/2024	4:00PM	0.10	1.42	0.005	4.859	0.420
10	6/4/2024	5:00PM	0.12	1.42	0.007	6.553	0.566
11	6/4/2024	6:00PM	0.13	1.42	0.008	8.247	0.713
12	6/4/2024	7:00PM	0.14	1.42	0.010	9.941	0.859
13	6/4/2024	8:00PM	0.15	1.42	0.012	11.635	1.005
14	6/4/2024	9:00PM	0.15	1.42	0.013	13.329	1.152
15	6/4/2024	10:00PM	0.15	1.42	0.012	11.635	1.005
16	6/4/2024	11:00PM	0.14	1.42	0.010	9.941	0.859
17	6/4/2024	12:00AM	0.13	1.42	0.008	8.247	0.713
18	7/4/2024	1:00AM	0.12	1.42	0.007	6.553	0.566
19	7/4/2024	2:00AM	0.10	1.42	0.005	4.859	0.420
20	7/4/2024	3:00AM	0.09	1.42	0.003	3.166	0.274
21	7/4/2024	4:00AM	0.10	1.42	0.005	4.859	0.420
22	7/4/2024	5:00AM	0.12	1.42	0.007	6.553	0.566
23	7/4/2024	6:00AM	0.13	1.42	0.008	8.247	0.713
24	7/4/2024	7:00AM	0.14	1.42	0.010	9.941	0.859
AVERAGE					0.008	8.247	0.713

परियोजना अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.14	1.42	0.011	11.357	0.981
2	7/4/2024	9:00AM	0.15	1.42	0.013	12.662	1.094
3	7/4/2024	10:00AM	0.14	1.42	0.011	11.357	0.981
4	7/4/2024	11:00AM	0.14	1.42	0.010	10.052	0.868
5	7/4/2024	12:00	0.13	1.42	0.009	8.747	0.756
6	7/4/2024	1:00PM	0.12	1.42	0.007	7.442	0.643
7	7/4/2024	2:00PM	0.11	1.42	0.006	6.137	0.530
8	7/4/2024	3:00PM	0.10	1.42	0.005	4.832	0.417
9	7/4/2024	4:00PM	0.11	1.42	0.006	6.137	0.530
10	7/4/2024	5:00PM	0.12	1.42	0.007	7.442	0.643
11	7/4/2024	6:00PM	0.13	1.42	0.009	8.747	0.756
12	7/4/2024	7:00PM	0.14	1.42	0.010	10.052	0.868
13	7/4/2024	8:00PM	0.14	1.42	0.011	11.357	0.981
14	7/4/2024	9:00PM	0.15	1.42	0.013	12.662	1.094
15	7/4/2024	10:00PM	0.14	1.42	0.011	11.357	0.981
16	7/4/2024	11:00PM	0.14	1.42	0.010	10.052	0.868
17	7/4/2024	12:00AM	0.13	1.42	0.009	8.747	0.756
18	8/4/2024	1:00AM	0.12	1.42	0.007	7.442	0.643
19	8/4/2024	2:00AM	0.11	1.42	0.006	6.137	0.530
20	8/4/2024	3:00AM	0.10	1.42	0.005	4.832	0.417
21	8/4/2024	4:00AM	0.11	1.42	0.006	6.137	0.530
22	8/4/2024	5:00AM	0.12	1.42	0.007	7.442	0.643
23	8/4/2024	6:00AM	0.13	1.42	0.009	8.747	0.756
24	8/4/2024	7:00AM	0.14	1.42	0.010	10.052	0.868
AVERAGE					0.009	8.747	0.756

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 1			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.14	1.42	0.011	10.899	0.942
2	8/4/2024	9:00AM	0.15	1.42	0.012	12.496	1.080
3	8/4/2024	10:00AM	0.14	1.42	0.011	10.899	0.942
4	8/4/2024	11:00AM	0.13	1.42	0.009	9.302	0.804
5	8/4/2024	12:00	0.12	1.42	0.008	7.706	0.666
6	8/4/2024	1:00PM	0.11	1.42	0.006	6.109	0.528
7	8/4/2024	2:00PM	0.10	1.42	0.005	4.512	0.390
8	8/4/2024	3:00PM	0.08	1.42	0.003	2.916	0.252
9	8/4/2024	4:00PM	0.10	1.42	0.005	4.512	0.390
10	8/4/2024	5:00PM	0.11	1.42	0.006	6.109	0.528
11	8/4/2024	6:00PM	0.12	1.42	0.008	7.706	0.666
12	8/4/2024	7:00PM	0.13	1.42	0.009	9.302	0.804
13	8/4/2024	8:00PM	0.14	1.42	0.011	10.899	0.942
14	8/4/2024	9:00PM	0.15	1.42	0.012	12.496	1.080
15	8/4/2024	10:00PM	0.14	1.42	0.011	10.899	0.942
16	8/4/2024	11:00PM	0.13	1.42	0.009	9.302	0.804
17	8/4/2024	12:00AM	0.12	1.42	0.008	7.706	0.666
18	9/4/2024	1:00AM	0.11	1.42	0.006	6.109	0.528
19	9/4/2024	2:00AM	0.10	1.42	0.005	4.512	0.390
20	9/4/2024	3:00AM	0.08	1.42	0.003	2.916	0.252
21	9/4/2024	4:00AM	0.10	1.42	0.005	4.512	0.390
22	9/4/2024	5:00AM	0.11	1.42	0.006	6.109	0.528
23	9/4/2024	6:00AM	0.12	1.42	0.008	7.706	0.666
24	9/4/2024	7:00AM	0.13	1.42	0.009	9.302	0.804
AVERAGE					0.008	7.706	0.666

नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name		Mahewa Pasi Tola Drain No. 2		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.005	4.744	0.410
2	Day 2	0.005	4.839	0.418
3	Day 3	0.005	4.910	0.424
4	Day 4	0.005	4.649	0.402
5	Day 5	0.005	4.696	0.406
6	Day 6	0.005	4.981	0.430
7	Day 7	0.004	4.388	0.379
AVERAGE		**0.005**	**4.744**	**0.410**

पर्यावरण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.12	1.42	0.007	6.641	0.574
2	2/4/2024	9:00AM	0.12	1.42	0.008	7.590	0.656
3	2/4/2024	10:00AM	0.12	1.42	0.007	6.641	0.574
4	2/4/2024	11:00AM	0.11	1.42	0.006	5.692	0.492
5	2/4/2024	12:00:00	0.10	1.42	0.005	4.744	0.410
6	2/4/2024	1:00PM	0.09	1.42	0.004	3.795	0.328
7	2/4/2024	2:00PM	0.08	1.42	0.003	2.846	0.246
8	2/4/2024	3:00PM	0.07	1.42	0.002	1.897	0.164
9	2/4/2024	4:00PM	0.08	1.42	0.003	2.846	0.246
10	2/4/2024	5:00PM	0.09	1.42	0.004	3.795	0.328
11	2/4/2024	6:00PM	0.10	1.42	0.005	4.744	0.410
12	2/4/2024	7:00PM	0.11	1.42	0.006	5.692	0.492
13	2/4/2024	8:00PM	0.12	1.42	0.007	6.641	0.574
14	2/4/2024	9:00PM	0.12	1.42	0.008	7.590	0.656
15	2/4/2024	10:00PM	0.12	1.42	0.007	6.641	0.574
16	2/4/2024	11:00PM	0.11	1.42	0.006	5.692	0.492
17	2/4/2024	12:00AM	0.10	1.42	0.005	4.744	0.410
18	3/4/2024	1:00AM	0.09	1.42	0.004	3.795	0.328
19	3/4/2024	2:00AM	0.08	1.42	0.003	2.846	0.246
20	3/4/2024	3:00AM	0.07	1.42	0.002	1.897	0.164
21	3/4/2024	4:00AM	0.08	1.42	0.003	2.846	0.246
22	3/4/2024	5:00AM	0.09	1.42	0.004	3.795	0.328
23	3/4/2024	6:00AM	0.10	1.42	0.005	4.744	0.410
24	3/4/2024	7:00AM	0.11	1.42	0.006	5.692	0.492
AVERAGE					0.005	4.744	0.410

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.12	1.42	0.007	6.673	0.577
2	3/4/2024	9:00AM	0.12	1.42	0.008	7.590	0.656
3	3/4/2024	10:00AM	0.12	1.42	0.007	6.673	0.577
4	3/4/2024	11:00AM	0.11	1.42	0.006	5.756	0.497
5	3/4/2024	12:00	0.10	1.42	0.005	4.839	0.418
6	3/4/2024	1:00PM	0.09	1.42	0.004	3.921	0.339
7	3/4/2024	2:00PM	0.09	1.42	0.003	3.004	0.260
8	3/4/2024	3:00PM	0.07	1.42	0.002	2.087	0.180
9	3/4/2024	4:00PM	0.09	1.42	0.003	3.004	0.260
10	3/4/2024	5:00PM	0.09	1.42	0.004	3.921	0.339
11	3/4/2024	6:00PM	0.10	1.42	0.005	4.839	0.418
12	3/4/2024	7:00PM	0.11	1.42	0.006	5.756	0.497
13	3/4/2024	8:00PM	0.12	1.42	0.007	6.673	0.577
14	3/4/2024	9:00PM	0.12	1.42	0.008	7.590	0.656
15	3/4/2024	10:00PM	0.12	1.42	0.007	6.673	0.577
16	3/4/2024	11:00PM	0.11	1.42	0.006	5.756	0.497
17	3/4/2024	12:00AM	0.10	1.42	0.005	4.839	0.418
18	4/4/2024	1:00AM	0.09	1.42	0.004	3.921	0.339
19	4/4/2024	2:00AM	0.09	1.42	0.003	3.004	0.260
20	4/4/2024	3:00AM	0.07	1.42	0.002	2.087	0.180
21	4/4/2024	4:00AM	0.09	1.42	0.003	3.004	0.260
22	4/4/2024	5:00AM	0.09	1.42	0.004	3.921	0.339
23	4/4/2024	6:00AM	0.10	1.42	0.005	4.839	0.418
24	4/4/2024	7:00AM	0.11	1.42	0.006	5.756	0.497
AVERAGE					0.005	4.839	0.418

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.12	1.42	0.007	6.950	0.600
2	4/4/2024	9:00AM	0.13	1.42	0.008	7.969	0.689
3	4/4/2024	10:00AM	0.12	1.42	0.007	6.950	0.600
4	4/4/2024	11:00AM	0.11	1.42	0.006	5.930	0.512
5	4/4/2024	12:00	0.10	1.42	0.005	4.910	0.424
6	4/4/2024	1:00PM	0.09	1.42	0.004	3.890	0.336
7	4/4/2024	2:00PM	0.08	1.42	0.003	2.870	0.248
8	4/4/2024	3:00PM	0.07	1.42	0.002	1.850	0.160
9	4/4/2024	4:00PM	0.08	1.42	0.003	2.870	0.248
10	4/4/2024	5:00PM	0.09	1.42	0.004	3.890	0.336
11	4/4/2024	6:00PM	0.10	1.42	0.005	4.910	0.424
12	4/4/2024	7:00PM	0.11	1.42	0.006	5.930	0.512
13	4/4/2024	8:00PM	0.12	1.42	0.007	6.950	0.600
14	4/4/2024	9:00PM	0.13	1.42	0.008	7.969	0.689
15	4/4/2024	10:00PM	0.12	1.42	0.007	6.950	0.600
16	4/4/2024	11:00PM	0.11	1.42	0.006	5.930	0.512
17	4/4/2024	12:00AM	0.10	1.42	0.005	4.910	0.424
18	5/4/2024	1:00AM	0.09	1.42	0.004	3.890	0.336
19	5/4/2024	2:00AM	0.08	1.42	0.003	2.870	0.248
20	5/4/2024	3:00AM	0.07	1.42	0.002	1.850	0.160
21	5/4/2024	4:00AM	0.08	1.42	0.003	2.870	0.248
22	5/4/2024	5:00AM	0.09	1.42	0.004	3.890	0.336
23	5/4/2024	6:00AM	0.10	1.42	0.005	4.910	0.424
24	5/4/2024	7:00AM	0.11	1.42	0.006	5.930	0.512
AVERAGE					0.005	4.910	0.424

पर्यावरण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.12	1.42	0.006	6.483	0.560
2	5/4/2024	9:00AM	0.12	1.42	0.007	7.400	0.639
3	5/4/2024	10:00AM	0.12	1.42	0.006	6.483	0.560
4	5/4/2024	11:00AM	0.11	1.42	0.006	5.566	0.481
5	5/4/2024	12:00	0.10	1.42	0.005	4.649	0.402
6	5/4/2024	1:00PM	0.09	1.42	0.004	3.732	0.322
7	5/4/2024	2:00PM	0.08	1.42	0.003	2.815	0.243
8	5/4/2024	3:00PM	0.07	1.42	0.002	1.897	0.164
9	5/4/2024	4:00PM	0.08	1.42	0.003	2.815	0.243
10	5/4/2024	5:00PM	0.09	1.42	0.004	3.732	0.322
11	5/4/2024	6:00PM	0.10	1.42	0.005	4.649	0.402
12	5/4/2024	7:00PM	0.11	1.42	0.006	5.566	0.481
13	5/4/2024	8:00PM	0.12	1.42	0.006	6.483	0.560
14	5/4/2024	9:00PM	0.12	1.42	0.007	7.400	0.639
15	5/4/2024	10:00PM	0.12	1.42	0.006	6.483	0.560
16	5/4/2024	11:00PM	0.11	1.42	0.006	5.566	0.481
17	5/4/2024	12:00AM	0.10	1.42	0.005	4.649	0.402
18	6/4/2024	1:00AM	0.09	1.42	0.004	3.732	0.322
19	6/4/2024	2:00AM	0.08	1.42	0.003	2.815	0.243
20	6/4/2024	3:00AM	0.07	1.42	0.002	1.897	0.164
21	6/4/2024	4:00AM	0.08	1.42	0.003	2.815	0.243
22	6/4/2024	5:00AM	0.09	1.42	0.004	3.732	0.322
23	6/4/2024	6:00AM	0.10	1.42	0.005	4.649	0.402
24	6/4/2024	7:00AM	0.11	1.42	0.006	5.566	0.481
AVERAGE					0.005	4.649	0.402

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.12	1.42	0.007	6.625	0.572
2	6/4/2024	9:00AM	0.12	1.42	0.008	7.590	0.656
3	6/4/2024	10:00AM	0.12	1.42	0.007	6.625	0.572
4	6/4/2024	11:00AM	0.11	1.42	0.006	5.661	0.489
5	6/4/2024	12:00	0.10	1.42	0.005	4.696	0.406
6	6/4/2024	1:00PM	0.09	1.42	0.004	3.732	0.322
7	6/4/2024	2:00PM	0.08	1.42	0.003	2.767	0.239
8	6/4/2024	3:00PM	0.07	1.42	0.002	1.803	0.156
9	6/4/2024	4:00PM	0.08	1.42	0.003	2.767	0.239
10	6/4/2024	5:00PM	0.09	1.42	0.004	3.732	0.322
11	6/4/2024	6:00PM	0.10	1.42	0.005	4.696	0.406
12	6/4/2024	7:00PM	0.11	1.42	0.006	5.661	0.489
13	6/4/2024	8:00PM	0.12	1.42	0.007	6.625	0.572
14	6/4/2024	9:00PM	0.12	1.42	0.008	7.590	0.656
15	6/4/2024	10:00PM	0.12	1.42	0.007	6.625	0.572
16	6/4/2024	11:00PM	0.11	1.42	0.006	5.661	0.489
17	6/4/2024	12:00AM	0.10	1.42	0.005	4.696	0.406
18	7/4/2024	1:00AM	0.09	1.42	0.004	3.732	0.322
19	7/4/2024	2:00AM	0.08	1.42	0.003	2.767	0.239
20	7/4/2024	3:00AM	0.07	1.42	0.002	1.803	0.156
21	7/4/2024	4:00AM	0.08	1.42	0.003	2.767	0.239
22	7/4/2024	5:00AM	0.09	1.42	0.004	3.732	0.322
23	7/4/2024	6:00AM	0.10	1.42	0.005	4.696	0.406
24	7/4/2024	7:00AM	0.11	1.42	0.006	5.661	0.489
AVERAGE					0.005	4.696	0.406

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.12	1.42	0.006	6.467	0.559
2	7/4/2024	9:00AM	0.12	1.42	0.007	7.210	0.623
3	7/4/2024	10:00AM	0.12	1.42	0.006	6.467	0.559
4	7/4/2024	11:00AM	0.11	1.42	0.006	5.724	0.495
5	7/4/2024	12:00	0.10	1.42	0.005	4.981	0.430
6	7/4/2024	1:00PM	0.10	1.42	0.004	4.238	0.366
7	7/4/2024	2:00PM	0.09	1.42	0.003	3.495	0.302
8	7/4/2024	3:00PM	0.08	1.42	0.003	2.751	0.238
9	7/4/2024	4:00PM	0.09	1.42	0.003	3.495	0.302
10	7/4/2024	5:00PM	0.10	1.42	0.004	4.238	0.366
11	7/4/2024	6:00PM	0.10	1.42	0.005	4.981	0.430
12	7/4/2024	7:00PM	0.11	1.42	0.006	5.724	0.495
13	7/4/2024	8:00PM	0.12	1.42	0.006	6.467	0.559
14	7/4/2024	9:00PM	0.12	1.42	0.007	7.210	0.623
15	7/4/2024	10:00PM	0.12	1.42	0.006	6.467	0.559
16	7/4/2024	11:00PM	0.11	1.42	0.006	5.724	0.495
17	7/4/2024	12:00AM	0.10	1.42	0.005	4.981	0.430
18	8/4/2024	1:00AM	0.10	1.42	0.004	4.238	0.366
19	8/4/2024	2:00AM	0.09	1.42	0.003	3.495	0.302
20	8/4/2024	3:00AM	0.08	1.42	0.003	2.751	0.238
21	8/4/2024	4:00AM	0.09	1.42	0.003	3.495	0.302
22	8/4/2024	5:00AM	0.10	1.42	0.004	4.238	0.366
23	8/4/2024	6:00AM	0.10	1.42	0.005	4.981	0.430
24	8/4/2024	7:00AM	0.11	1.42	0.006	5.724	0.495
AVERAGE					0.005	4.981	0.430

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 2			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.11	1.42	0.006	6.206	0.536
2	8/4/2024	9:00AM	0.12	1.42	0.007	7.116	0.615
3	8/4/2024	10:00AM	0.11	1.42	0.006	6.206	0.536
4	8/4/2024	11:00AM	0.11	1.42	0.005	5.297	0.458
5	8/4/2024	12:00	0.10	1.42	0.004	4.388	0.379
6	8/4/2024	1:00PM	0.09	1.42	0.003	3.479	0.301
7	8/4/2024	2:00PM	0.08	1.42	0.003	2.570	0.222
8	8/4/2024	3:00PM	0.07	1.42	0.002	1.660	0.143
9	8/4/2024	4:00PM	0.08	1.42	0.003	2.570	0.222
10	8/4/2024	5:00PM	0.09	1.42	0.003	3.479	0.301
11	8/4/2024	6:00PM	0.10	1.42	0.004	4.388	0.379
12	8/4/2024	7:00PM	0.11	1.42	0.005	5.297	0.458
13	8/4/2024	8:00PM	0.11	1.42	0.006	6.206	0.536
14	8/4/2024	9:00PM	0.12	1.42	0.007	7.116	0.615
15	8/4/2024	10:00PM	0.11	1.42	0.006	6.206	0.536
16	8/4/2024	11:00PM	0.11	1.42	0.005	5.297	0.458
17	8/4/2024	12:00AM	0.10	1.42	0.004	4.388	0.379
18	9/4/2024	1:00AM	0.09	1.42	0.003	3.479	0.301
19	9/4/2024	2:00AM	0.08	1.42	0.003	2.570	0.222
20	9/4/2024	3:00AM	0.07	1.42	0.002	1.660	0.143
21	9/4/2024	4:00AM	0.08	1.42	0.003	2.570	0.222
22	9/4/2024	5:00AM	0.09	1.42	0.003	3.479	0.301
23	9/4/2024	6:00AM	0.10	1.42	0.004	4.388	0.379
24	9/4/2024	7:00AM	0.11	1.42	0.005	5.297	0.458
AVERAGE					0.004	4.388	0.379

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name		Mahewa Pasi Tola Drain No. 3		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.007	7.173	0.620
2	Day 2	0.007	7.317	0.632
3	Day 3	0.007	7.424	0.641
4	Day 4	0.007	7.030	0.607
5	Day 5	0.007	7.102	0.614
6	Day 6	0.008	7.532	0.651
7	Day 7	0.007	6.635	0.573
AVERAGE		**0.007**	**7.173**	**0.620**

एक्सियन अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.14	1.42	0.010	10.043	0.868
2	2/4/2024	9:00AM	0.15	1.42	0.011	11.477	0.992
3	2/4/2024	10:00AM	0.14	1.42	0.010	10.043	0.868
4	2/4/2024	11:00AM	0.13	1.42	0.009	8.608	0.744
5	2/4/2024	12:00:00	0.12	1.42	0.007	7.173	0.620
6	2/4/2024	1:00PM	0.11	1.42	0.006	5.739	0.496
7	2/4/2024	2:00PM	0.10	1.42	0.004	4.304	0.372
8	2/4/2024	3:00PM	0.08	1.42	0.003	2.869	0.248
9	2/4/2024	4:00PM	0.10	1.42	0.004	4.304	0.372
10	2/4/2024	5:00PM	0.11	1.42	0.006	5.739	0.496
11	2/4/2024	6:00PM	0.12	1.42	0.007	7.173	0.620
12	2/4/2024	7:00PM	0.13	1.42	0.009	8.608	0.744
13	2/4/2024	8:00PM	0.14	1.42	0.010	10.043	0.868
14	2/4/2024	9:00PM	0.15	1.42	0.011	11.477	0.992
15	2/4/2024	10:00PM	0.14	1.42	0.010	10.043	0.868
16	2/4/2024	11:00PM	0.13	1.42	0.009	8.608	0.744
17	2/4/2024	12:00AM	0.12	1.42	0.007	7.173	0.620
18	3/4/2024	1:00AM	0.11	1.42	0.006	5.739	0.496
19	3/4/2024	2:00AM	0.10	1.42	0.004	4.304	0.372
20	3/4/2024	3:00AM	0.08	1.42	0.003	2.869	0.248
21	3/4/2024	4:00AM	0.10	1.42	0.004	4.304	0.372
22	3/4/2024	5:00AM	0.11	1.42	0.006	5.739	0.496
23	3/4/2024	6:00AM	0.12	1.42	0.007	7.173	0.620
24	3/4/2024	7:00AM	0.13	1.42	0.009	8.608	0.744
AVERAGE					0.007	7.173	0.620

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.14	1.42	0.010	10.091	0.872
2	3/4/2024	9:00AM	0.15	1.42	0.011	11.477	0.992
3	3/4/2024	10:00AM	0.14	1.42	0.010	10.091	0.872
4	3/4/2024	11:00AM	0.13	1.42	0.009	8.704	0.752
5	3/4/2024	12:00	0.12	1.42	0.007	7.317	0.632
6	3/4/2024	1:00PM	0.11	1.42	0.006	5.930	0.512
7	3/4/2024	2:00PM	0.10	1.42	0.005	4.543	0.393
8	3/4/2024	3:00PM	0.09	1.42	0.003	3.156	0.273
9	3/4/2024	4:00PM	0.10	1.42	0.005	4.543	0.393
10	3/4/2024	5:00PM	0.11	1.42	0.006	5.930	0.512
11	3/4/2024	6:00PM	0.12	1.42	0.007	7.317	0.632
12	3/4/2024	7:00PM	0.13	1.42	0.009	8.704	0.752
13	3/4/2024	8:00PM	0.14	1.42	0.010	10.091	0.872
14	3/4/2024	9:00PM	0.15	1.42	0.011	11.477	0.992
15	3/4/2024	10:00PM	0.14	1.42	0.010	10.091	0.872
16	3/4/2024	11:00PM	0.13	1.42	0.009	8.704	0.752
17	3/4/2024	12:00AM	0.12	1.42	0.007	7.317	0.632
18	4/4/2024	1:00AM	0.11	1.42	0.006	5.930	0.512
19	4/4/2024	2:00AM	0.10	1.42	0.005	4.543	0.393
20	4/4/2024	3:00AM	0.09	1.42	0.003	3.156	0.273
21	4/4/2024	4:00AM	0.10	1.42	0.005	4.543	0.393
22	4/4/2024	5:00AM	0.11	1.42	0.006	5.930	0.512
23	4/4/2024	6:00AM	0.12	1.42	0.007	7.317	0.632
24	4/4/2024	7:00AM	0.13	1.42	0.009	8.704	0.752
AVERAGE					0.007	7.317	0.632

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 3			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.14	1.42	0.011	10.509	0.908
2	4/4/2024	9:00AM	0.15	1.42	0.012	12.051	1.041
3	4/4/2024	10:00AM	0.14	1.42	0.011	10.509	0.908
4	4/4/2024	11:00AM	0.13	1.42	0.009	8.967	0.775
5	4/4/2024	12:00	0.12	1.42	0.007	7.424	0.641
6	4/4/2024	1:00PM	0.11	1.42	0.006	5.882	0.508
7	4/4/2024	2:00PM	0.10	1.42	0.004	4.340	0.375
8	4/4/2024	3:00PM	0.08	1.42	0.003	2.798	0.242
9	4/4/2024	4:00PM	0.10	1.42	0.004	4.340	0.375
10	4/4/2024	5:00PM	0.11	1.42	0.006	5.882	0.508
11	4/4/2024	6:00PM	0.12	1.42	0.007	7.424	0.641
12	4/4/2024	7:00PM	0.13	1.42	0.009	8.967	0.775
13	4/4/2024	8:00PM	0.14	1.42	0.011	10.509	0.908
14	4/4/2024	9:00PM	0.15	1.42	0.012	12.051	1.041
15	4/4/2024	10:00PM	0.14	1.42	0.011	10.509	0.908
16	4/4/2024	11:00PM	0.13	1.42	0.009	8.967	0.775
17	4/4/2024	12:00AM	0.12	1.42	0.007	7.424	0.641
18	5/4/2024	1:00AM	0.11	1.42	0.006	5.882	0.508
19	5/4/2024	2:00AM	0.10	1.42	0.004	4.340	0.375
20	5/4/2024	3:00AM	0.08	1.42	0.003	2.798	0.242
21	5/4/2024	4:00AM	0.10	1.42	0.004	4.340	0.375
22	5/4/2024	5:00AM	0.11	1.42	0.006	5.882	0.508
23	5/4/2024	6:00AM	0.12	1.42	0.007	7.424	0.641
24	5/4/2024	7:00AM	0.13	1.42	0.009	8.967	0.775
AVERAGE					0.007	7.424	0.641

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.14	1.42	0.010	9.804	0.847
2	5/4/2024	9:00AM	0.14	1.42	0.011	11.191	0.967
3	5/4/2024	10:00AM	0.14	1.42	0.010	9.804	0.847
4	5/4/2024	11:00AM	0.13	1.42	0.008	8.417	0.727
5	5/4/2024	12:00	0.12	1.42	0.007	7.030	0.607
6	5/4/2024	1:00PM	0.11	1.42	0.006	5.643	0.488
7	5/4/2024	2:00PM	0.10	1.42	0.004	4.256	0.368
8	5/4/2024	3:00PM	0.08	1.42	0.003	2.869	0.248
9	5/4/2024	4:00PM	0.10	1.42	0.004	4.256	0.368
10	5/4/2024	5:00PM	0.11	1.42	0.006	5.643	0.488
11	5/4/2024	6:00PM	0.12	1.42	0.007	7.030	0.607
12	5/4/2024	7:00PM	0.13	1.42	0.008	8.417	0.727
13	5/4/2024	8:00PM	0.14	1.42	0.010	9.804	0.847
14	5/4/2024	9:00PM	0.14	1.42	0.011	11.191	0.967
15	5/4/2024	10:00PM	0.14	1.42	0.010	9.804	0.847
16	5/4/2024	11:00PM	0.13	1.42	0.008	8.417	0.727
17	5/4/2024	12:00AM	0.12	1.42	0.007	7.030	0.607
18	6/4/2024	1:00AM	0.11	1.42	0.006	5.643	0.488
19	6/4/2024	2:00AM	0.10	1.42	0.004	4.256	0.368
20	6/4/2024	3:00AM	0.08	1.42	0.003	2.869	0.248
21	6/4/2024	4:00AM	0.10	1.42	0.004	4.256	0.368
22	6/4/2024	5:00AM	0.11	1.42	0.006	5.643	0.488
23	6/4/2024	6:00AM	0.12	1.42	0.007	7.030	0.607
24	6/4/2024	7:00AM	0.13	1.42	0.008	8.417	0.727
AVERAGE					0.007	7.030	0.607

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.14	1.42	0.010	10.019	0.866
2	6/4/2024	9:00AM	0.15	1.42	0.011	11.477	0.992
3	6/4/2024	10:00AM	0.14	1.42	0.010	10.019	0.866
4	6/4/2024	11:00AM	0.13	1.42	0.009	8.560	0.740
5	6/4/2024	12:00	0.12	1.42	0.007	7.102	0.614
6	6/4/2024	1:00PM	0.11	1.42	0.006	5.643	0.488
7	6/4/2024	2:00PM	0.10	1.42	0.004	4.184	0.362
8	6/4/2024	3:00PM	0.08	1.42	0.003	2.726	0.236
9	6/4/2024	4:00PM	0.10	1.42	0.004	4.184	0.362
10	6/4/2024	5:00PM	0.11	1.42	0.006	5.643	0.488
11	6/4/2024	6:00PM	0.12	1.42	0.007	7.102	0.614
12	6/4/2024	7:00PM	0.13	1.42	0.009	8.560	0.740
13	6/4/2024	8:00PM	0.14	1.42	0.010	10.019	0.866
14	6/4/2024	9:00PM	0.15	1.42	0.011	11.477	0.992
15	6/4/2024	10:00PM	0.14	1.42	0.010	10.019	0.866
16	6/4/2024	11:00PM	0.13	1.42	0.009	8.560	0.740
17	6/4/2024	12:00AM	0.12	1.42	0.007	7.102	0.614
18	7/4/2024	1:00AM	0.11	1.42	0.006	5.643	0.488
19	7/4/2024	2:00AM	0.10	1.42	0.004	4.184	0.362
20	7/4/2024	3:00AM	0.08	1.42	0.003	2.726	0.236
21	7/4/2024	4:00AM	0.10	1.42	0.004	4.184	0.362
22	7/4/2024	5:00AM	0.11	1.42	0.006	5.643	0.488
23	7/4/2024	6:00AM	0.12	1.42	0.007	7.102	0.614
24	7/4/2024	7:00AM	0.13	1.42	0.009	8.560	0.740
AVERAGE					0.007	7.102	0.614

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.14	1.42	0.010	9.780	0.845
2	7/4/2024	9:00AM	0.14	1.42	0.011	10.904	0.942
3	7/4/2024	10:00AM	0.14	1.42	0.010	9.780	0.845
4	7/4/2024	11:00AM	0.13	1.42	0.009	8.656	0.748
5	7/4/2024	12:00	0.12	1.42	0.008	7.532	0.651
6	7/4/2024	1:00PM	0.12	1.42	0.006	6.408	0.554
7	7/4/2024	2:00PM	0.11	1.42	0.005	5.284	0.457
8	7/4/2024	3:00PM	0.10	1.42	0.004	4.161	0.359
9	7/4/2024	4:00PM	0.11	1.42	0.005	5.284	0.457
10	7/4/2024	5:00PM	0.12	1.42	0.006	6.408	0.554
11	7/4/2024	6:00PM	0.12	1.42	0.008	7.532	0.651
12	7/4/2024	7:00PM	0.13	1.42	0.009	8.656	0.748
13	7/4/2024	8:00PM	0.14	1.42	0.010	9.780	0.845
14	7/4/2024	9:00PM	0.14	1.42	0.011	10.904	0.942
15	7/4/2024	10:00PM	0.14	1.42	0.010	9.780	0.845
16	7/4/2024	11:00PM	0.13	1.42	0.009	8.656	0.748
17	7/4/2024	12:00AM	0.12	1.42	0.008	7.532	0.651
18	8/4/2024	1:00AM	0.12	1.42	0.006	6.408	0.554
19	8/4/2024	2:00AM	0.11	1.42	0.005	5.284	0.457
20	8/4/2024	3:00AM	0.10	1.42	0.004	4.161	0.359
21	8/4/2024	4:00AM	0.11	1.42	0.005	5.284	0.457
22	8/4/2024	5:00AM	0.12	1.42	0.006	6.408	0.554
23	8/4/2024	6:00AM	0.12	1.42	0.008	7.532	0.651
24	8/4/2024	7:00AM	0.13	1.42	0.009	8.656	0.748
AVERAGE					0.008	7.532	0.651

परियोजना अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 3			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.13	1.42	0.009	9.385	0.811
2	8/4/2024	9:00AM	0.14	1.42	0.011	10.760	0.930
3	8/4/2024	10:00AM	0.13	1.42	0.009	9.385	0.811
4	8/4/2024	11:00AM	0.13	1.42	0.008	8.010	0.692
5	8/4/2024	12:00	0.12	1.42	0.007	6.635	0.573
6	8/4/2024	1:00PM	0.11	1.42	0.005	5.260	0.455
7	8/4/2024	2:00PM	0.09	1.42	0.004	3.886	0.336
8	8/4/2024	3:00PM	0.08	1.42	0.003	2.511	0.217
9	8/4/2024	4:00PM	0.09	1.42	0.004	3.886	0.336
10	8/4/2024	5:00PM	0.11	1.42	0.005	5.260	0.455
11	8/4/2024	6:00PM	0.12	1.42	0.007	6.635	0.573
12	8/4/2024	7:00PM	0.13	1.42	0.008	8.010	0.692
13	8/4/2024	8:00PM	0.13	1.42	0.009	9.385	0.811
14	8/4/2024	9:00PM	0.14	1.42	0.011	10.760	0.930
15	8/4/2024	10:00PM	0.13	1.42	0.009	9.385	0.811
16	8/4/2024	11:00PM	0.13	1.42	0.008	8.010	0.692
17	8/4/2024	12:00AM	0.12	1.42	0.007	6.635	0.573
18	9/4/2024	1:00AM	0.11	1.42	0.005	5.260	0.455
19	9/4/2024	2:00AM	0.09	1.42	0.004	3.886	0.336
20	9/4/2024	3:00AM	0.08	1.42	0.003	2.511	0.217
21	9/4/2024	4:00AM	0.09	1.42	0.004	3.886	0.336
22	9/4/2024	5:00AM	0.11	1.42	0.005	5.260	0.455
23	9/4/2024	6:00AM	0.12	1.42	0.007	6.635	0.573
24	9/4/2024	7:00AM	0.13	1.42	0.008	8.010	0.692
AVERAGE					0.007	6.635	0.573

परमेटगण अभियन्ता
नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name			Mahewa Pasi Tola Drain No. 4	
Drain No.			1	
Formula			$Q= 1.42\ H^{2.5}$	
g= 9.806 m/Sec2			θ= 90°	
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.004	3.587	0.310
2	Day 2	0.004	3.658	0.316
3	Day 3	0.004	3.712	0.321
4	Day 4	0.004	3.515	0.304
5	Day 5	0.004	3.551	0.307
6	Day 6	0.004	3.766	0.325
7	Day 7	0.003	3.318	0.287
AVERAGE		**0.004**	**3.587**	**0.310**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.10	1.42	0.005	5.021	0.434
2	2/4/2024	9:00AM	0.11	1.42	0.006	5.739	0.496
3	2/4/2024	10:00AM	0.10	1.42	0.005	5.021	0.434
4	2/4/2024	11:00AM	0.10	1.42	0.004	4.304	0.372
5	2/4/2024	12:00:00	0.09	1.42	0.004	3.587	0.310
6	2/4/2024	1:00PM	0.08	1.42	0.003	2.869	0.248
7	2/4/2024	2:00PM	0.07	1.42	0.002	2.152	0.186
8	2/4/2024	3:00PM	0.06	1.42	0.001	1.435	0.124
9	2/4/2024	4:00PM	0.07	1.42	0.002	2.152	0.186
10	2/4/2024	5:00PM	0.08	1.42	0.003	2.869	0.248
11	2/4/2024	6:00PM	0.09	1.42	0.004	3.587	0.310
12	2/4/2024	7:00PM	0.10	1.42	0.004	4.304	0.372
13	2/4/2024	8:00PM	0.10	1.42	0.005	5.021	0.434
14	2/4/2024	9:00PM	0.11	1.42	0.006	5.739	0.496
15	2/4/2024	10:00PM	0.10	1.42	0.005	5.021	0.434
16	2/4/2024	11:00PM	0.10	1.42	0.004	4.304	0.372
17	2/4/2024	12:00AM	0.09	1.42	0.004	3.587	0.310
18	3/4/2024	1:00AM	0.08	1.42	0.003	2.869	0.248
19	3/4/2024	2:00AM	0.07	1.42	0.002	2.152	0.186
20	3/4/2024	3:00AM	0.06	1.42	0.001	1.435	0.124
21	3/4/2024	4:00AM	0.07	1.42	0.002	2.152	0.186
22	3/4/2024	5:00AM	0.08	1.42	0.003	2.869	0.248
23	3/4/2024	6:00AM	0.09	1.42	0.004	3.587	0.310
24	3/4/2024	7:00AM	0.10	1.42	0.004	4.304	0.372
AVERAGE					0.004	3.587	0.310

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.10	1.42	0.005	5.045	0.436
2	3/4/2024	9:00AM	0.11	1.42	0.006	5.739	0.496
3	3/4/2024	10:00AM	0.10	1.42	0.005	5.045	0.436
4	3/4/2024	11:00AM	0.10	1.42	0.004	4.352	0.376
5	3/4/2024	12:00	0.09	1.42	0.004	3.658	0.316
6	3/4/2024	1:00PM	0.08	1.42	0.003	2.965	0.256
7	3/4/2024	2:00PM	0.08	1.42	0.002	2.272	0.196
8	3/4/2024	3:00PM	0.07	1.42	0.002	1.578	0.136
9	3/4/2024	4:00PM	0.08	1.42	0.002	2.272	0.196
10	3/4/2024	5:00PM	0.08	1.42	0.003	2.965	0.256
11	3/4/2024	6:00PM	0.09	1.42	0.004	3.658	0.316
12	3/4/2024	7:00PM	0.10	1.42	0.004	4.352	0.376
13	3/4/2024	8:00PM	0.10	1.42	0.005	5.045	0.436
14	3/4/2024	9:00PM	0.11	1.42	0.006	5.739	0.496
15	3/4/2024	10:00PM	0.10	1.42	0.005	5.045	0.436
16	3/4/2024	11:00PM	0.10	1.42	0.004	4.352	0.376
17	3/4/2024	12:00AM	0.09	1.42	0.004	3.658	0.316
18	4/4/2024	1:00AM	0.08	1.42	0.003	2.965	0.256
19	4/4/2024	2:00AM	0.08	1.42	0.002	2.272	0.196
20	4/4/2024	3:00AM	0.07	1.42	0.002	1.578	0.136
21	4/4/2024	4:00AM	0.08	1.42	0.002	2.272	0.196
22	4/4/2024	5:00AM	0.08	1.42	0.003	2.965	0.256
23	4/4/2024	6:00AM	0.09	1.42	0.004	3.658	0.316
24	4/4/2024	7:00AM	0.10	1.42	0.004	4.352	0.376
AVERAGE					0.004	3.658	0.316

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.11	1.42	0.005	5.255	0.454
2	4/4/2024	9:00AM	0.11	1.42	0.006	6.026	0.521
3	4/4/2024	10:00AM	0.11	1.42	0.005	5.255	0.454
4	4/4/2024	11:00AM	0.10	1.42	0.004	4.483	0.387
5	4/4/2024	12:00	0.09	1.42	0.004	3.712	0.321
6	4/4/2024	1:00PM	0.08	1.42	0.003	2.941	0.254
7	4/4/2024	2:00PM	0.07	1.42	0.002	2.170	0.187
8	4/4/2024	3:00PM	0.06	1.42	0.001	1.399	0.121
9	4/4/2024	4:00PM	0.07	1.42	0.002	2.170	0.187
10	4/4/2024	5:00PM	0.08	1.42	0.003	2.941	0.254
11	4/4/2024	6:00PM	0.09	1.42	0.004	3.712	0.321
12	4/4/2024	7:00PM	0.10	1.42	0.004	4.483	0.387
13	4/4/2024	8:00PM	0.11	1.42	0.005	5.255	0.454
14	4/4/2024	9:00PM	0.11	1.42	0.006	6.026	0.521
15	4/4/2024	10:00PM	0.11	1.42	0.005	5.255	0.454
16	4/4/2024	11:00PM	0.10	1.42	0.004	4.483	0.387
17	4/4/2024	12:00AM	0.09	1.42	0.004	3.712	0.321
18	5/4/2024	1:00AM	0.08	1.42	0.003	2.941	0.254
19	5/4/2024	2:00AM	0.07	1.42	0.002	2.170	0.187
20	5/4/2024	3:00AM	0.06	1.42	0.001	1.399	0.121
21	5/4/2024	4:00AM	0.07	1.42	0.002	2.170	0.187
22	5/4/2024	5:00AM	0.08	1.42	0.003	2.941	0.254
23	5/4/2024	6:00AM	0.09	1.42	0.004	3.712	0.321
24	5/4/2024	7:00AM	0.10	1.42	0.004	4.483	0.387
AVERAGE					0.004	3.712	0.321

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

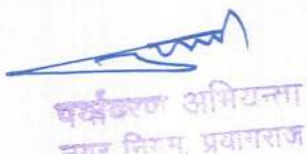
Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.10	1.42	0.005	4.902	0.424
2	5/4/2024	9:00AM	0.11	1.42	0.006	5.595	0.483
3	5/4/2024	10:00AM	0.10	1.42	0.005	4.902	0.424
4	5/4/2024	11:00AM	0.10	1.42	0.004	4.208	0.364
5	5/4/2024	12:00	0.09	1.42	0.004	3.515	0.304
6	5/4/2024	1:00PM	0.08	1.42	0.003	2.822	0.244
7	5/4/2024	2:00PM	0.07	1.42	0.002	2.128	0.184
8	5/4/2024	3:00PM	0.06	1.42	0.001	1.435	0.124
9	5/4/2024	4:00PM	0.07	1.42	0.002	2.128	0.184
10	5/4/2024	5:00PM	0.08	1.42	0.003	2.822	0.244
11	5/4/2024	6:00PM	0.09	1.42	0.004	3.515	0.304
12	5/4/2024	7:00PM	0.10	1.42	0.004	4.208	0.364
13	5/4/2024	8:00PM	0.10	1.42	0.005	4.902	0.424
14	5/4/2024	9:00PM	0.11	1.42	0.006	5.595	0.483
15	5/4/2024	10:00PM	0.10	1.42	0.005	4.902	0.424
16	5/4/2024	11:00PM	0.10	1.42	0.004	4.208	0.364
17	5/4/2024	12:00AM	0.09	1.42	0.004	3.515	0.304
18	6/4/2024	1:00AM	0.08	1.42	0.003	2.822	0.244
19	6/4/2024	2:00AM	0.07	1.42	0.002	2.128	0.184
20	6/4/2024	3:00AM	0.06	1.42	0.001	1.435	0.124
21	6/4/2024	4:00AM	0.07	1.42	0.002	2.128	0.184
22	6/4/2024	5:00AM	0.08	1.42	0.003	2.822	0.244
23	6/4/2024	6:00AM	0.09	1.42	0.004	3.515	0.304
24	6/4/2024	7:00AM	0.10	1.42	0.004	4.208	0.364
AVERAGE					0.004	3.515	0.304

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.10	1.42	0.005	5.009	0.433
2	6/4/2024	9:00AM	0.11	1.42	0.006	5.739	0.496
3	6/4/2024	10:00AM	0.10	1.42	0.005	5.009	0.433
4	6/4/2024	11:00AM	0.10	1.42	0.004	4.280	0.370
5	6/4/2024	12:00	0.09	1.42	0.004	3.551	0.307
6	6/4/2024	1:00PM	0.08	1.42	0.003	2.822	0.244
7	6/4/2024	2:00PM	0.07	1.42	0.002	2.092	0.181
8	6/4/2024	3:00PM	0.06	1.42	0.001	1.363	0.118
9	6/4/2024	4:00PM	0.07	1.42	0.002	2.092	0.181
10	6/4/2024	5:00PM	0.08	1.42	0.003	2.822	0.244
11	6/4/2024	6:00PM	0.09	1.42	0.004	3.551	0.307
12	6/4/2024	7:00PM	0.10	1.42	0.004	4.280	0.370
13	6/4/2024	8:00PM	0.10	1.42	0.005	5.009	0.433
14	6/4/2024	9:00PM	0.11	1.42	0.006	5.739	0.496
15	6/4/2024	10:00PM	0.10	1.42	0.005	5.009	0.433
16	6/4/2024	11:00PM	0.10	1.42	0.004	4.280	0.370
17	6/4/2024	12:00AM	0.09	1.42	0.004	3.551	0.307
18	7/4/2024	1:00AM	0.08	1.42	0.003	2.822	0.244
19	7/4/2024	2:00AM	0.07	1.42	0.002	2.092	0.181
20	7/4/2024	3:00AM	0.06	1.42	0.001	1.363	0.118
21	7/4/2024	4:00AM	0.07	1.42	0.002	2.092	0.181
22	7/4/2024	5:00AM	0.08	1.42	0.003	2.822	0.244
23	7/4/2024	6:00AM	0.09	1.42	0.004	3.551	0.307
24	7/4/2024	7:00AM	0.10	1.42	0.004	4.280	0.370
AVERAGE					0.004	3.551	0.307

कार्यपालन अधिकारी
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.10	1.42	0.005	4.890	0.422
2	7/4/2024	9:00AM	0.11	1.42	0.005	5.452	0.471
3	7/4/2024	10:00AM	0.10	1.42	0.005	4.890	0.422
4	7/4/2024	11:00AM	0.10	1.42	0.004	4.328	0.374
5	7/4/2024	12:00	0.09	1.42	0.004	3.766	0.325
6	7/4/2024	1:00PM	0.09	1.42	0.003	3.204	0.277
7	7/4/2024	2:00PM	0.08	1.42	0.003	2.642	0.228
8	7/4/2024	3:00PM	0.07	1.42	0.002	2.080	0.180
9	7/4/2024	4:00PM	0.08	1.42	0.003	2.642	0.228
10	7/4/2024	5:00PM	0.09	1.42	0.003	3.204	0.277
11	7/4/2024	6:00PM	0.09	1.42	0.004	3.766	0.325
12	7/4/2024	7:00PM	0.10	1.42	0.004	4.328	0.374
13	7/4/2024	8:00PM	0.10	1.42	0.005	4.890	0.422
14	7/4/2024	9:00PM	0.11	1.42	0.005	5.452	0.471
15	7/4/2024	10:00PM	0.10	1.42	0.005	4.890	0.422
16	7/4/2024	11:00PM	0.10	1.42	0.004	4.328	0.374
17	7/4/2024	12:00AM	0.09	1.42	0.004	3.766	0.325
18	8/4/2024	1:00AM	0.09	1.42	0.003	3.204	0.277
19	8/4/2024	2:00AM	0.08	1.42	0.003	2.642	0.228
20	8/4/2024	3:00AM	0.07	1.42	0.002	2.080	0.180
21	8/4/2024	4:00AM	0.08	1.42	0.003	2.642	0.228
22	8/4/2024	5:00AM	0.09	1.42	0.003	3.204	0.277
23	8/4/2024	6:00AM	0.09	1.42	0.004	3.766	0.325
24	8/4/2024	7:00AM	0.10	1.42	0.004	4.328	0.374
AVERAGE					0.004	3.766	0.325



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 4			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.10	1.42	0.005	4.693	0.405
2	8/4/2024	9:00AM	0.11	1.42	0.005	5.380	0.465
3	8/4/2024	10:00AM	0.10	1.42	0.005	4.693	0.405
4	8/4/2024	11:00AM	0.10	1.42	0.004	4.005	0.346
5	8/4/2024	12:00	0.09	1.42	0.003	3.318	0.287
6	8/4/2024	1:00PM	0.08	1.42	0.003	2.630	0.227
7	8/4/2024	2:00PM	0.07	1.42	0.002	1.943	0.168
8	8/4/2024	3:00PM	0.06	1.42	0.001	1.255	0.108
9	8/4/2024	4:00PM	0.07	1.42	0.002	1.943	0.168
10	8/4/2024	5:00PM	0.08	1.42	0.003	2.630	0.227
11	8/4/2024	6:00PM	0.09	1.42	0.003	3.318	0.287
12	8/4/2024	7:00PM	0.10	1.42	0.004	4.005	0.346
13	8/4/2024	8:00PM	0.10	1.42	0.005	4.693	0.405
14	8/4/2024	9:00PM	0.11	1.42	0.005	5.380	0.465
15	8/4/2024	10:00PM	0.10	1.42	0.005	4.693	0.405
16	8/4/2024	11:00PM	0.10	1.42	0.004	4.005	0.346
17	8/4/2024	12:00AM	0.09	1.42	0.003	3.318	0.287
18	9/4/2024	1:00AM	0.08	1.42	0.003	2.630	0.227
19	9/4/2024	2:00AM	0.07	1.42	0.002	1.943	0.168
20	9/4/2024	3:00AM	0.06	1.42	0.001	1.255	0.108
21	9/4/2024	4:00AM	0.07	1.42	0.002	1.943	0.168
22	9/4/2024	5:00AM	0.08	1.42	0.003	2.630	0.227
23	9/4/2024	6:00AM	0.09	1.42	0.003	3.318	0.287
24	9/4/2024	7:00AM	0.10	1.42	0.004	4.005	0.346
AVERAGE					0.003	3.318	0.287

अधिशासी अभियन्ता
नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name			Mahewa Pasi Tola Drain No. 5	
Drain No.			1	
Formula			$Q= 1.42\ H^{2.5}$	
g= 9.806 m/Sec2			θ= 90°	
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.005	4.744	0.410
2	Day 2	0.005	4.839	0.418
3	Day 3	0.005	4.910	0.424
4	Day 4	0.005	4.649	0.402
5	Day 5	0.005	4.696	0.406
6	Day 6	0.005	4.981	0.430
7	Day 7	0.004	4.388	0.379
AVERAGE		**0.005**	**4.744**	**0.410**

अधिशासी अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 5			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.12	1.42	0.007	6.641	0.574
2	2/4/2024	9:00AM	0.12	1.42	0.008	7.590	0.656
3	2/4/2024	10:00AM	0.12	1.42	0.007	6.641	0.574
4	2/4/2024	11:00AM	0.11	1.42	0.006	5.692	0.492
5	2/4/2024	12:00:00	0.10	1.42	0.005	4.744	0.410
6	2/4/2024	1:00PM	0.09	1.42	0.004	3.795	0.328
7	2/4/2024	2:00PM	0.08	1.42	0.003	2.846	0.246
8	2/4/2024	3:00PM	0.07	1.42	0.002	1.897	0.164
9	2/4/2024	4:00PM	0.08	1.42	0.003	2.846	0.246
10	2/4/2024	5:00PM	0.09	1.42	0.004	3.795	0.328
11	2/4/2024	6:00PM	0.10	1.42	0.005	4.744	0.410
12	2/4/2024	7:00PM	0.11	1.42	0.006	5.692	0.492
13	2/4/2024	8:00PM	0.12	1.42	0.007	6.641	0.574
14	2/4/2024	9:00PM	0.12	1.42	0.008	7.590	0.656
15	2/4/2024	10:00PM	0.12	1.42	0.007	6.641	0.574
16	2/4/2024	11:00PM	0.11	1.42	0.006	5.692	0.492
17	2/4/2024	12:00AM	0.10	1.42	0.005	4.744	0.410
18	3/4/2024	1:00AM	0.09	1.42	0.004	3.795	0.328
19	3/4/2024	2:00AM	0.08	1.42	0.003	2.846	0.246
20	3/4/2024	3:00AM	0.07	1.42	0.002	1.897	0.164
21	3/4/2024	4:00AM	0.08	1.42	0.003	2.846	0.246
22	3/4/2024	5:00AM	0.09	1.42	0.004	3.795	0.328
23	3/4/2024	6:00AM	0.10	1.42	0.005	4.744	0.410
24	3/4/2024	7:00AM	0.11	1.42	0.006	5.692	0.492
AVERAGE					0.005	4.744	0.410



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 5			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.12	1.42	0.007	6.673	0.577
2	3/4/2024	9:00AM	0.12	1.42	0.008	7.590	0.656
3	3/4/2024	10:00AM	0.12	1.42	0.007	6.673	0.577
4	3/4/2024	11:00AM	0.11	1.42	0.006	5.756	0.497
5	3/4/2024	12:00	0.10	1.42	0.005	4.839	0.418
6	3/4/2024	1:00PM	0.09	1.42	0.004	3.921	0.339
7	3/4/2024	2:00PM	0.09	1.42	0.003	3.004	0.260
8	3/4/2024	3:00PM	0.07	1.42	0.002	2.087	0.180
9	3/4/2024	4:00PM	0.09	1.42	0.003	3.004	0.260
10	3/4/2024	5:00PM	0.09	1.42	0.004	3.921	0.339
11	3/4/2024	6:00PM	0.10	1.42	0.005	4.839	0.418
12	3/4/2024	7:00PM	0.11	1.42	0.006	5.756	0.497
13	3/4/2024	8:00PM	0.12	1.42	0.007	6.673	0.577
14	3/4/2024	9:00PM	0.12	1.42	0.008	7.590	0.656
15	3/4/2024	10:00PM	0.12	1.42	0.007	6.673	0.577
16	3/4/2024	11:00PM	0.11	1.42	0.006	5.756	0.497
17	3/4/2024	12:00AM	0.10	1.42	0.005	4.839	0.418
18	4/4/2024	1:00AM	0.09	1.42	0.004	3.921	0.339
19	4/4/2024	2:00AM	0.09	1.42	0.003	3.004	0.260
20	4/4/2024	3:00AM	0.07	1.42	0.002	2.087	0.180
21	4/4/2024	4:00AM	0.09	1.42	0.003	3.004	0.260
22	4/4/2024	5:00AM	0.09	1.42	0.004	3.921	0.339
23	4/4/2024	6:00AM	0.10	1.42	0.005	4.839	0.418
24	4/4/2024	7:00AM	0.11	1.42	0.006	5.756	0.497
AVERAGE					0.005	4.839	0.418

अधिशासी अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 5			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.12	1.42	0.007	6.950	0.600
2	4/4/2024	9:00AM	0.13	1.42	0.008	7.969	0.689
3	4/4/2024	10:00AM	0.12	1.42	0.007	6.950	0.600
4	4/4/2024	11:00AM	0.11	1.42	0.006	5.930	0.512
5	4/4/2024	12:00	0.10	1.42	0.005	4.910	0.424
6	4/4/2024	1:00PM	0.09	1.42	0.004	3.890	0.336
7	4/4/2024	2:00PM	0.08	1.42	0.003	2.870	0.248
8	4/4/2024	3:00PM	0.07	1.42	0.002	1.850	0.160
9	4/4/2024	4:00PM	0.08	1.42	0.003	2.870	0.248
10	4/4/2024	5:00PM	0.09	1.42	0.004	3.890	0.336
11	4/4/2024	6:00PM	0.10	1.42	0.005	4.910	0.424
12	4/4/2024	7:00PM	0.11	1.42	0.006	5.930	0.512
13	4/4/2024	8:00PM	0.12	1.42	0.007	6.950	0.600
14	4/4/2024	9:00PM	0.13	1.42	0.008	7.969	0.689
15	4/4/2024	10:00PM	0.12	1.42	0.007	6.950	0.600
16	4/4/2024	11:00PM	0.11	1.42	0.006	5.930	0.512
17	4/4/2024	12:00AM	0.10	1.42	0.005	4.910	0.424
18	5/4/2024	1:00AM	0.09	1.42	0.004	3.890	0.336
19	5/4/2024	2:00AM	0.08	1.42	0.003	2.870	0.248
20	5/4/2024	3:00AM	0.07	1.42	0.002	1.850	0.160
21	5/4/2024	4:00AM	0.08	1.42	0.003	2.870	0.248
22	5/4/2024	5:00AM	0.09	1.42	0.004	3.890	0.336
23	5/4/2024	6:00AM	0.10	1.42	0.005	4.910	0.424
24	5/4/2024	7:00AM	0.11	1.42	0.006	5.930	0.512
AVERAGE					0.005	4.910	0.424

अधिशासी अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 5			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.12	1.42	0.006	6.483	0.560
2	5/4/2024	9:00AM	0.12	1.42	0.007	7.400	0.639
3	5/4/2024	10:00AM	0.12	1.42	0.006	6.483	0.560
4	5/4/2024	11:00AM	0.11	1.42	0.006	5.566	0.481
5	5/4/2024	12:00	0.10	1.42	0.005	4.649	0.402
6	5/4/2024	1:00PM	0.09	1.42	0.004	3.732	0.322
7	5/4/2024	2:00PM	0.08	1.42	0.003	2.815	0.243
8	5/4/2024	3:00PM	0.07	1.42	0.002	1.897	0.164
9	5/4/2024	4:00PM	0.08	1.42	0.003	2.815	0.243
10	5/4/2024	5:00PM	0.09	1.42	0.004	3.732	0.322
11	5/4/2024	6:00PM	0.10	1.42	0.005	4.649	0.402
12	5/4/2024	7:00PM	0.11	1.42	0.006	5.566	0.481
13	5/4/2024	8:00PM	0.12	1.42	0.006	6.483	0.560
14	5/4/2024	9:00PM	0.12	1.42	0.007	7.400	0.639
15	5/4/2024	10:00PM	0.12	1.42	0.006	6.483	0.560
16	5/4/2024	11:00PM	0.11	1.42	0.006	5.566	0.481
17	5/4/2024	12:00AM	0.10	1.42	0.005	4.649	0.402
18	6/4/2024	1:00AM	0.09	1.42	0.004	3.732	0.322
19	6/4/2024	2:00AM	0.08	1.42	0.003	2.815	0.243
20	6/4/2024	3:00AM	0.07	1.42	0.002	1.897	0.164
21	6/4/2024	4:00AM	0.08	1.42	0.003	2.815	0.243
22	6/4/2024	5:00AM	0.09	1.42	0.004	3.732	0.322
23	6/4/2024	6:00AM	0.10	1.42	0.005	4.649	0.402
24	6/4/2024	7:00AM	0.11	1.42	0.006	5.566	0.481
AVERAGE					0.005	4.649	0.402



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 5			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.12	1.42	0.007	6.625	0.572
2	6/4/2024	9:00AM	0.12	1.42	0.008	7.590	0.656
3	6/4/2024	10:00AM	0.12	1.42	0.007	6.625	0.572
4	6/4/2024	11:00AM	0.11	1.42	0.006	5.661	0.489
5	6/4/2024	12:00	0.10	1.42	0.005	4.696	0.406
6	6/4/2024	1:00PM	0.09	1.42	0.004	3.732	0.322
7	6/4/2024	2:00PM	0.08	1.42	0.003	2.767	0.239
8	6/4/2024	3:00PM	0.07	1.42	0.002	1.803	0.156
9	6/4/2024	4:00PM	0.08	1.42	0.003	2.767	0.239
10	6/4/2024	5:00PM	0.09	1.42	0.004	3.732	0.322
11	6/4/2024	6:00PM	0.10	1.42	0.005	4.696	0.406
12	6/4/2024	7:00PM	0.11	1.42	0.006	5.661	0.489
13	6/4/2024	8:00PM	0.12	1.42	0.007	6.625	0.572
14	6/4/2024	9:00PM	0.12	1.42	0.008	7.590	0.656
15	6/4/2024	10:00PM	0.12	1.42	0.007	6.625	0.572
16	6/4/2024	11:00PM	0.11	1.42	0.006	5.661	0.489
17	6/4/2024	12:00AM	0.10	1.42	0.005	4.696	0.406
18	7/4/2024	1:00AM	0.09	1.42	0.004	3.732	0.322
19	7/4/2024	2:00AM	0.08	1.42	0.003	2.767	0.239
20	7/4/2024	3:00AM	0.07	1.42	0.002	1.803	0.156
21	7/4/2024	4:00AM	0.08	1.42	0.003	2.767	0.239
22	7/4/2024	5:00AM	0.09	1.42	0.004	3.732	0.322
23	7/4/2024	6:00AM	0.10	1.42	0.005	4.696	0.406
24	7/4/2024	7:00AM	0.11	1.42	0.006	5.661	0.489
AVERAGE					0.005	4.696	0.406

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 5			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.12	1.42	0.006	6.467	0.559
2	7/4/2024	9:00AM	0.12	1.42	0.007	7.210	0.623
3	7/4/2024	10:00AM	0.12	1.42	0.006	6.467	0.559
4	7/4/2024	11:00AM	0.11	1.42	0.006	5.724	0.495
5	7/4/2024	12:00	0.10	1.42	0.005	4.981	0.430
6	7/4/2024	1:00PM	0.10	1.42	0.004	4.238	0.366
7	7/4/2024	2:00PM	0.09	1.42	0.003	3.495	0.302
8	7/4/2024	3:00PM	0.08	1.42	0.003	2.751	0.238
9	7/4/2024	4:00PM	0.09	1.42	0.003	3.495	0.302
10	7/4/2024	5:00PM	0.10	1.42	0.004	4.238	0.366
11	7/4/2024	6:00PM	0.10	1.42	0.005	4.981	0.430
12	7/4/2024	7:00PM	0.11	1.42	0.006	5.724	0.495
13	7/4/2024	8:00PM	0.12	1.42	0.006	6.467	0.559
14	7/4/2024	9:00PM	0.12	1.42	0.007	7.210	0.623
15	7/4/2024	10:00PM	0.12	1.42	0.006	6.467	0.559
16	7/4/2024	11:00PM	0.11	1.42	0.006	5.724	0.495
17	7/4/2024	12:00AM	0.10	1.42	0.005	4.981	0.430
18	8/4/2024	1:00AM	0.10	1.42	0.004	4.238	0.366
19	8/4/2024	2:00AM	0.09	1.42	0.003	3.495	0.302
20	8/4/2024	3:00AM	0.08	1.42	0.003	2.751	0.238
21	8/4/2024	4:00AM	0.09	1.42	0.003	3.495	0.302
22	8/4/2024	5:00AM	0.10	1.42	0.004	4.238	0.366
23	8/4/2024	6:00AM	0.10	1.42	0.005	4.981	0.430
24	8/4/2024	7:00AM	0.11	1.42	0.006	5.724	0.495
AVERAGE					0.005	4.981	0.430



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Mahewa Pasi Tola Drain No. 5			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.11	1.42	0.006	6.206	0.536
2	8/4/2024	9:00AM	0.12	1.42	0.007	7.116	0.615
3	8/4/2024	10:00AM	0.11	1.42	0.006	6.206	0.536
4	8/4/2024	11:00AM	0.11	1.42	0.005	5.297	0.458
5	8/4/2024	12:00	0.10	1.42	0.004	4.388	0.379
6	8/4/2024	1:00PM	0.09	1.42	0.003	3.479	0.301
7	8/4/2024	2:00PM	0.08	1.42	0.003	2.570	0.222
8	8/4/2024	3:00PM	0.07	1.42	0.002	1.660	0.143
9	8/4/2024	4:00PM	0.08	1.42	0.003	2.570	0.222
10	8/4/2024	5:00PM	0.09	1.42	0.003	3.479	0.301
11	8/4/2024	6:00PM	0.10	1.42	0.004	4.388	0.379
12	8/4/2024	7:00PM	0.11	1.42	0.005	5.297	0.458
13	8/4/2024	8:00PM	0.11	1.42	0.006	6.206	0.536
14	8/4/2024	9:00PM	0.12	1.42	0.007	7.116	0.615
15	8/4/2024	10:00PM	0.11	1.42	0.006	6.206	0.536
16	8/4/2024	11:00PM	0.11	1.42	0.005	5.297	0.458
17	8/4/2024	12:00AM	0.10	1.42	0.004	4.388	0.379
18	9/4/2024	1:00AM	0.09	1.42	0.003	3.479	0.301
19	9/4/2024	2:00AM	0.08	1.42	0.003	2.570	0.222
20	9/4/2024	3:00AM	0.07	1.42	0.002	1.660	0.143
21	9/4/2024	4:00AM	0.08	1.42	0.003	2.570	0.222
22	9/4/2024	5:00AM	0.09	1.42	0.003	3.479	0.301
23	9/4/2024	6:00AM	0.10	1.42	0.004	4.388	0.379
24	9/4/2024	7:00AM	0.11	1.42	0.005	5.297	0.458
AVERAGE					0.004	4.388	0.379

परियोजना अभियन्ता
नगर निगम, प्रयागराज

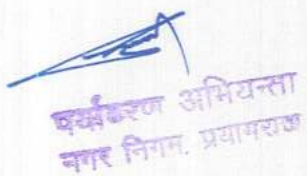
Average Discharge of 7 Days Flow Measurement				
Drain Name			Baretha Kashipur Drain	
Drain No.			1	
Formula			$Q= 1.42\ H^{2.5}$	
g= 9.806 m/Sec2			θ= 90°	
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.012	12.149	1.050
2	Day 2	0.012	12.391	1.071
3	Day 3	0.013	12.574	1.086
4	Day 4	0.012	11.906	1.029
5	Day 5	0.012	12.027	1.039
6	Day 6	0.013	12.756	1.102
7	Day 7	0.011	11.237	0.971
AVERAGE		**0.012**	**12.149**	**1.050**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baretha Kashipur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.17	1.42	0.017	17.008	1.469
2	2/4/2024	9:00AM	0.18	1.42	0.019	19.438	1.679
3	2/4/2024	10:00AM	0.17	1.42	0.017	17.008	1.469
4	2/4/2024	11:00AM	0.16	1.42	0.015	14.578	1.260
5	2/4/2024	12:00:00	0.15	1.42	0.012	12.149	1.050
6	2/4/2024	1:00PM	0.14	1.42	0.010	9.719	0.840
7	2/4/2024	2:00PM	0.12	1.42	0.007	7.289	0.630
8	2/4/2024	3:00PM	0.10	1.42	0.005	4.859	0.420
9	2/4/2024	4:00PM	0.12	1.42	0.007	7.289	0.630
10	2/4/2024	5:00PM	0.14	1.42	0.010	9.719	0.840
11	2/4/2024	6:00PM	0.15	1.42	0.012	12.149	1.050
12	2/4/2024	7:00PM	0.16	1.42	0.015	14.578	1.260
13	2/4/2024	8:00PM	0.17	1.42	0.017	17.008	1.469
14	2/4/2024	9:00PM	0.18	1.42	0.019	19.438	1.679
15	2/4/2024	10:00PM	0.17	1.42	0.017	17.008	1.469
16	2/4/2024	11:00PM	0.16	1.42	0.015	14.578	1.260
17	2/4/2024	12:00AM	0.15	1.42	0.012	12.149	1.050
18	3/4/2024	1:00AM	0.14	1.42	0.010	9.719	0.840
19	3/4/2024	2:00AM	0.12	1.42	0.007	7.289	0.630
20	3/4/2024	3:00AM	0.10	1.42	0.005	4.859	0.420
21	3/4/2024	4:00AM	0.12	1.42	0.007	7.289	0.630
22	3/4/2024	5:00AM	0.14	1.42	0.010	9.719	0.840
23	3/4/2024	6:00AM	0.15	1.42	0.012	12.149	1.050
24	3/4/2024	7:00AM	0.16	1.42	0.015	14.578	1.260
AVERAGE					0.012	12.149	1.050

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baretha Kashipur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.17	1.42	0.017	17.089	1.476
2	3/4/2024	9:00AM	0.18	1.42	0.019	19.438	1.679
3	3/4/2024	10:00AM	0.17	1.42	0.017	17.089	1.476
4	3/4/2024	11:00AM	0.16	1.42	0.015	14.740	1.274
5	3/4/2024	12:00	0.15	1.42	0.012	12.391	1.071
6	3/4/2024	1:00PM	0.14	1.42	0.010	10.043	0.868
7	3/4/2024	2:00PM	0.12	1.42	0.008	7.694	0.665
8	3/4/2024	3:00PM	0.11	1.42	0.005	5.345	0.462
9	3/4/2024	4:00PM	0.12	1.42	0.008	7.694	0.665
10	3/4/2024	5:00PM	0.14	1.42	0.010	10.043	0.868
11	3/4/2024	6:00PM	0.15	1.42	0.012	12.391	1.071
12	3/4/2024	7:00PM	0.16	1.42	0.015	14.740	1.274
13	3/4/2024	8:00PM	0.17	1.42	0.017	17.089	1.476
14	3/4/2024	9:00PM	0.18	1.42	0.019	19.438	1.679
15	3/4/2024	10:00PM	0.17	1.42	0.017	17.089	1.476
16	3/4/2024	11:00PM	0.16	1.42	0.015	14.740	1.274
17	3/4/2024	12:00AM	0.15	1.42	0.012	12.391	1.071
18	4/4/2024	1:00AM	0.14	1.42	0.010	10.043	0.868
19	4/4/2024	2:00AM	0.12	1.42	0.008	7.694	0.665
20	4/4/2024	3:00AM	0.11	1.42	0.005	5.345	0.462
21	4/4/2024	4:00AM	0.12	1.42	0.008	7.694	0.665
22	4/4/2024	5:00AM	0.14	1.42	0.010	10.043	0.868
23	4/4/2024	6:00AM	0.15	1.42	0.012	12.391	1.071
24	4/4/2024	7:00AM	0.16	1.42	0.015	14.740	1.274
AVERAGE					0.012	12.391	1.071



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baretha Kashipur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.17	1.42	0.018	17.798	1.538
2	4/4/2024	9:00AM	0.18	1.42	0.020	20.409	1.763
3	4/4/2024	10:00AM	0.17	1.42	0.018	17.798	1.538
4	4/4/2024	11:00AM	0.16	1.42	0.015	15.186	1.312
5	4/4/2024	12:00	0.15	1.42	0.013	12.574	1.086
6	4/4/2024	1:00PM	0.14	1.42	0.010	9.962	0.861
7	4/4/2024	2:00PM	0.12	1.42	0.007	7.350	0.635
8	4/4/2024	3:00PM	0.10	1.42	0.005	4.738	0.409
9	4/4/2024	4:00PM	0.12	1.42	0.007	7.350	0.635
10	4/4/2024	5:00PM	0.14	1.42	0.010	9.962	0.861
11	4/4/2024	6:00PM	0.15	1.42	0.013	12.574	1.086
12	4/4/2024	7:00PM	0.16	1.42	0.015	15.186	1.312
13	4/4/2024	8:00PM	0.17	1.42	0.018	17.798	1.538
14	4/4/2024	9:00PM	0.18	1.42	0.020	20.409	1.763
15	4/4/2024	10:00PM	0.17	1.42	0.018	17.798	1.538
16	4/4/2024	11:00PM	0.16	1.42	0.015	15.186	1.312
17	4/4/2024	12:00AM	0.15	1.42	0.013	12.574	1.086
18	5/4/2024	1:00AM	0.14	1.42	0.010	9.962	0.861
19	5/4/2024	2:00AM	0.12	1.42	0.007	7.350	0.635
20	5/4/2024	3:00AM	0.10	1.42	0.005	4.738	0.409
21	5/4/2024	4:00AM	0.12	1.42	0.007	7.350	0.635
22	5/4/2024	5:00AM	0.14	1.42	0.010	9.962	0.861
23	5/4/2024	6:00AM	0.15	1.42	0.013	12.574	1.086
24	5/4/2024	7:00AM	0.16	1.42	0.015	15.186	1.312
AVERAGE					0.013	12.574	1.086

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baretha Kashipur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.17	1.42	0.017	16.603	1.435
2	5/4/2024	9:00AM	0.18	1.42	0.019	18.952	1.637
3	5/4/2024	10:00AM	0.17	1.42	0.017	16.603	1.435
4	5/4/2024	11:00AM	0.16	1.42	0.014	14.254	1.232
5	5/4/2024	12:00	0.15	1.42	0.012	11.906	1.029
6	5/4/2024	1:00PM	0.14	1.42	0.010	9.557	0.826
7	5/4/2024	2:00PM	0.12	1.42	0.007	7.208	0.623
8	5/4/2024	3:00PM	0.10	1.42	0.005	4.859	0.420
9	5/4/2024	4:00PM	0.12	1.42	0.007	7.208	0.623
10	5/4/2024	5:00PM	0.14	1.42	0.010	9.557	0.826
11	5/4/2024	6:00PM	0.15	1.42	0.012	11.906	1.029
12	5/4/2024	7:00PM	0.16	1.42	0.014	14.254	1.232
13	5/4/2024	8:00PM	0.17	1.42	0.017	16.603	1.435
14	5/4/2024	9:00PM	0.18	1.42	0.019	18.952	1.637
15	5/4/2024	10:00PM	0.17	1.42	0.017	16.603	1.435
16	5/4/2024	11:00PM	0.16	1.42	0.014	14.254	1.232
17	5/4/2024	12:00AM	0.15	1.42	0.012	11.906	1.029
18	6/4/2024	1:00AM	0.14	1.42	0.010	9.557	0.826
19	6/4/2024	2:00AM	0.12	1.42	0.007	7.208	0.623
20	6/4/2024	3:00AM	0.10	1.42	0.005	4.859	0.420
21	6/4/2024	4:00AM	0.12	1.42	0.007	7.208	0.623
22	6/4/2024	5:00AM	0.14	1.42	0.010	9.557	0.826
23	6/4/2024	6:00AM	0.15	1.42	0.012	11.906	1.029
24	6/4/2024	7:00AM	0.16	1.42	0.014	14.254	1.232
AVERAGE					0.012	11.906	1.029

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baretha Kashipur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.17	1.42	0.017	16.967	1.466
2	6/4/2024	9:00AM	0.18	1.42	0.019	19.438	1.679
3	6/4/2024	10:00AM	0.17	1.42	0.017	16.967	1.466
4	6/4/2024	11:00AM	0.16	1.42	0.014	14.497	1.253
5	6/4/2024	12:00	0.15	1.42	0.012	12.027	1.039
6	6/4/2024	1:00PM	0.14	1.42	0.010	9.557	0.826
7	6/4/2024	2:00PM	0.12	1.42	0.007	7.087	0.612
8	6/4/2024	3:00PM	0.10	1.42	0.005	4.616	0.399
9	6/4/2024	4:00PM	0.12	1.42	0.007	7.087	0.612
10	6/4/2024	5:00PM	0.14	1.42	0.010	9.557	0.826
11	6/4/2024	6:00PM	0.15	1.42	0.012	12.027	1.039
12	6/4/2024	7:00PM	0.16	1.42	0.014	14.497	1.253
13	6/4/2024	8:00PM	0.17	1.42	0.017	16.967	1.466
14	6/4/2024	9:00PM	0.18	1.42	0.019	19.438	1.679
15	6/4/2024	10:00PM	0.17	1.42	0.017	16.967	1.466
16	6/4/2024	11:00PM	0.16	1.42	0.014	14.497	1.253
17	6/4/2024	12:00AM	0.15	1.42	0.012	12.027	1.039
18	7/4/2024	1:00AM	0.14	1.42	0.010	9.557	0.826
19	7/4/2024	2:00AM	0.12	1.42	0.007	7.087	0.612
20	7/4/2024	3:00AM	0.10	1.42	0.005	4.616	0.399
21	7/4/2024	4:00AM	0.12	1.42	0.007	7.087	0.612
22	7/4/2024	5:00AM	0.14	1.42	0.010	9.557	0.826
23	7/4/2024	6:00AM	0.15	1.42	0.012	12.027	1.039
24	7/4/2024	7:00AM	0.16	1.42	0.014	14.497	1.253
AVERAGE					0.012	12.027	1.039

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baretha Kashipur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.17	1.42	0.017	16.562	1.431
2	7/4/2024	9:00AM	0.18	1.42	0.018	18.466	1.595
3	7/4/2024	10:00AM	0.17	1.42	0.017	16.562	1.431
4	7/4/2024	11:00AM	0.16	1.42	0.015	14.659	1.267
5	7/4/2024	12:00	0.15	1.42	0.013	12.756	1.102
6	7/4/2024	1:00PM	0.14	1.42	0.011	10.853	0.938
7	7/4/2024	2:00PM	0.13	1.42	0.009	8.949	0.773
8	7/4/2024	3:00PM	0.12	1.42	0.007	7.046	0.609
9	7/4/2024	4:00PM	0.13	1.42	0.009	8.949	0.773
10	7/4/2024	5:00PM	0.14	1.42	0.011	10.853	0.938
11	7/4/2024	6:00PM	0.15	1.42	0.013	12.756	1.102
12	7/4/2024	7:00PM	0.16	1.42	0.015	14.659	1.267
13	7/4/2024	8:00PM	0.17	1.42	0.017	16.562	1.431
14	7/4/2024	9:00PM	0.18	1.42	0.018	18.466	1.595
15	7/4/2024	10:00PM	0.17	1.42	0.017	16.562	1.431
16	7/4/2024	11:00PM	0.16	1.42	0.015	14.659	1.267
17	7/4/2024	12:00AM	0.15	1.42	0.013	12.756	1.102
18	8/4/2024	1:00AM	0.14	1.42	0.011	10.853	0.938
19	8/4/2024	2:00AM	0.13	1.42	0.009	8.949	0.773
20	8/4/2024	3:00AM	0.12	1.42	0.007	7.046	0.609
21	8/4/2024	4:00AM	0.13	1.42	0.009	8.949	0.773
22	8/4/2024	5:00AM	0.14	1.42	0.011	10.853	0.938
23	8/4/2024	6:00AM	0.15	1.42	0.013	12.756	1.102
24	8/4/2024	7:00AM	0.16	1.42	0.015	14.659	1.267
AVERAGE					0.013	12.756	1.102



अधिशासी अभियन्ता
नगर निगम जगदलपुर

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baretha Kashipur Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.17	1.42	0.016	15.894	1.373
2	8/4/2024	9:00AM	0.18	1.42	0.018	18.223	1.574
3	8/4/2024	10:00AM	0.17	1.42	0.016	15.894	1.373
4	8/4/2024	11:00AM	0.16	1.42	0.014	13.566	1.172
5	8/4/2024	12:00	0.14	1.42	0.011	11.237	0.971
6	8/4/2024	1:00PM	0.13	1.42	0.009	8.909	0.770
7	8/4/2024	2:00PM	0.12	1.42	0.007	6.580	0.569
8	8/4/2024	3:00PM	0.10	1.42	0.004	4.252	0.367
9	8/4/2024	4:00PM	0.12	1.42	0.007	6.580	0.569
10	8/4/2024	5:00PM	0.13	1.42	0.009	8.909	0.770
11	8/4/2024	6:00PM	0.14	1.42	0.011	11.237	0.971
12	8/4/2024	7:00PM	0.16	1.42	0.014	13.566	1.172
13	8/4/2024	8:00PM	0.17	1.42	0.016	15.894	1.373
14	8/4/2024	9:00PM	0.18	1.42	0.018	18.223	1.574
15	8/4/2024	10:00PM	0.17	1.42	0.016	15.894	1.373
16	8/4/2024	11:00PM	0.16	1.42	0.014	13.566	1.172
17	8/4/2024	12:00AM	0.14	1.42	0.011	11.237	0.971
18	9/4/2024	1:00AM	0.13	1.42	0.009	8.909	0.770
19	9/4/2024	2:00AM	0.12	1.42	0.007	6.580	0.569
20	9/4/2024	3:00AM	0.10	1.42	0.004	4.252	0.367
21	9/4/2024	4:00AM	0.12	1.42	0.007	6.580	0.569
22	9/4/2024	5:00AM	0.13	1.42	0.009	8.909	0.770
23	9/4/2024	6:00AM	0.14	1.42	0.011	11.237	0.971
24	9/4/2024	7:00AM	0.16	1.42	0.014	13.566	1.172
AVERAGE					0.011	11.237	0.971

एक्सियन अभिशासन
नगर निगम प्रयागराज

Abstract of 3 small drains in Naini Area				
Sr. No.	Drain Name	Average Discharge		
		In m3/s	In LPS	In MLD
1	Drain neart Laprocy Chauraha	0.014	13.904	1.201
2	Drain Near Arail Ghat	0.002	1.854	0.160
3 (i)	Small Drain-A	0.005	5.214	0.450
3 (ii)	Small Drain-B	0.002	2.317	0.200
3 (iii)	Small Drain-C	0.001	1.159	0.100
Total		0.024	24.448	2.111

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name		Drain Near Laprocy Crossing		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.013	13.329	1.152
2	Day 2	0.014	14.092	1.218
3	Day 3	0.014	14.370	1.242
4	Day 4	0.014	13.606	1.176
5	Day 5	0.014	13.745	1.188
6	Day 6	0.015	14.578	1.260
7	Day 7	0.014	13.606	1.176
AVERAGE		**0.014**	**13.904**	**1.201**

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Laprocy Crossing			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.18	1.42	0.019	19.438	1.679
2	2/4/2024	9:00AM	0.19	1.42	0.022	22.492	1.943
3	2/4/2024	10:00AM	0.18	1.42	0.019	19.438	1.679
4	2/4/2024	11:00AM	0.17	1.42	0.016	16.383	1.416
5	2/4/2024	12:00	0.15	1.42	0.013	13.329	1.152
6	2/4/2024	1:00PM	0.14	1.42	0.010	10.274	0.888
7	2/4/2024	2:00PM	0.12	1.42	0.007	7.220	0.624
8	2/4/2024	3:00PM	0.10	1.42	0.004	4.165	0.360
9	2/4/2024	4:00PM	0.12	1.42	0.007	7.220	0.624
10	2/4/2024	5:00PM	0.14	1.42	0.010	10.274	0.888
11	2/4/2024	6:00PM	0.15	1.42	0.013	13.329	1.152
12	2/4/2024	7:00PM	0.17	1.42	0.016	16.383	1.416
13	2/4/2024	8:00PM	0.18	1.42	0.019	19.438	1.679
14	2/4/2024	9:00PM	0.19	1.42	0.022	22.492	1.943
15	2/4/2024	10:00PM	0.18	1.42	0.019	19.438	1.679
16	2/4/2024	11:00PM	0.17	1.42	0.016	16.383	1.416
17	2/4/2024	12:00AM	0.15	1.42	0.013	13.329	1.152
18	3/4/2024	1:00AM	0.14	1.42	0.010	10.274	0.888
19	3/4/2024	2:00AM	0.12	1.42	0.007	7.220	0.624
20	3/4/2024	3:00AM	0.10	1.42	0.004	4.165	0.360
21	3/4/2024	4:00AM	0.12	1.42	0.007	7.220	0.624
22	3/4/2024	5:00AM	0.14	1.42	0.010	10.274	0.888
23	3/4/2024	6:00AM	0.15	1.42	0.013	13.329	1.152
24	3/4/2024	7:00AM	0.17	1.42	0.016	16.383	1.416
AVERAGE					0.013	13.329	1.152

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Laprocy Crossing			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.18	1.42	0.020	19.600	1.693
2	3/4/2024	9:00AM	0.19	1.42	0.022	22.353	1.931
3	3/4/2024	10:00AM	0.18	1.42	0.020	19.600	1.693
4	3/4/2024	11:00AM	0.17	1.42	0.017	16.846	1.455
5	3/4/2024	12:00	0.16	1.42	0.014	14.092	1.218
6	3/4/2024	1:00PM	0.14	1.42	0.011	11.339	0.980
7	3/4/2024	2:00PM	0.13	1.42	0.009	8.585	0.742
8	3/4/2024	3:00PM	0.11	1.42	0.006	5.831	0.504
9	3/4/2024	4:00PM	0.13	1.42	0.009	8.585	0.742
10	3/4/2024	5:00PM	0.14	1.42	0.011	11.339	0.980
11	3/4/2024	6:00PM	0.16	1.42	0.014	14.092	1.218
12	3/4/2024	7:00PM	0.17	1.42	0.017	16.846	1.455
13	3/4/2024	8:00PM	0.18	1.42	0.020	19.600	1.693
14	3/4/2024	9:00PM	0.19	1.42	0.022	22.353	1.931
15	3/4/2024	10:00PM	0.18	1.42	0.020	19.600	1.693
16	3/4/2024	11:00PM	0.17	1.42	0.017	16.846	1.455
17	3/4/2024	12:00AM	0.16	1.42	0.014	14.092	1.218
18	4/4/2024	1:00AM	0.14	1.42	0.011	11.339	0.980
19	4/4/2024	2:00AM	0.13	1.42	0.009	8.585	0.742
20	4/4/2024	3:00AM	0.11	1.42	0.006	5.831	0.504
21	4/4/2024	4:00AM	0.13	1.42	0.009	8.585	0.742
22	4/4/2024	5:00AM	0.14	1.42	0.011	11.339	0.980
23	4/4/2024	6:00AM	0.16	1.42	0.014	14.092	1.218
24	4/4/2024	7:00AM	0.17	1.42	0.017	16.846	1.455
AVERAGE					0.014	14.092	1.218

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Laprocy Crossing			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.18	1.42	0.020	20.340	1.757
2	4/4/2024	9:00AM	0.19	1.42	0.023	23.325	2.015
3	4/4/2024	10:00AM	0.18	1.42	0.020	20.340	1.757
4	4/4/2024	11:00AM	0.17	1.42	0.017	17.355	1.499
5	4/4/2024	12:00	0.16	1.42	0.014	14.370	1.242
6	4/4/2024	1:00PM	0.15	1.42	0.011	11.385	0.984
7	4/4/2024	2:00PM	0.13	1.42	0.008	8.400	0.726
8	4/4/2024	3:00PM	0.11	1.42	0.005	5.415	0.468
9	4/4/2024	4:00PM	0.13	1.42	0.008	8.400	0.726
10	4/4/2024	5:00PM	0.15	1.42	0.011	11.385	0.984
11	4/4/2024	6:00PM	0.16	1.42	0.014	14.370	1.242
12	4/4/2024	7:00PM	0.17	1.42	0.017	17.355	1.499
13	4/4/2024	8:00PM	0.18	1.42	0.020	20.340	1.757
14	4/4/2024	9:00PM	0.19	1.42	0.023	23.325	2.015
15	4/4/2024	10:00PM	0.18	1.42	0.020	20.340	1.757
16	4/4/2024	11:00PM	0.17	1.42	0.017	17.355	1.499
17	4/4/2024	12:00AM	0.16	1.42	0.014	14.370	1.242
18	5/4/2024	1:00AM	0.15	1.42	0.011	11.385	0.984
19	5/4/2024	2:00AM	0.13	1.42	0.008	8.400	0.726
20	5/4/2024	3:00AM	0.11	1.42	0.005	5.415	0.468
21	5/4/2024	4:00AM	0.13	1.42	0.008	8.400	0.726
22	5/4/2024	5:00AM	0.15	1.42	0.011	11.385	0.984
23	5/4/2024	6:00AM	0.16	1.42	0.014	14.370	1.242
24	5/4/2024	7:00AM	0.17	1.42	0.017	17.355	1.499
AVERAGE					0.014	14.370	1.242

पर्यावरण अभियन्ता
नगर निगम न्यायालय

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Laprocy Crossing			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.18	1.42	0.019	18.975	1.639
2	5/4/2024	9:00AM	0.19	1.42	0.022	21.659	1.871
3	5/4/2024	10:00AM	0.18	1.42	0.019	18.975	1.639
4	5/4/2024	11:00AM	0.17	1.42	0.016	16.291	1.408
5	5/4/2024	12:00	0.16	1.42	0.014	13.606	1.176
6	5/4/2024	1:00PM	0.14	1.42	0.011	10.922	0.944
7	5/4/2024	2:00PM	0.13	1.42	0.008	8.238	0.712
8	5/4/2024	3:00PM	0.11	1.42	0.006	5.554	0.480
9	5/4/2024	4:00PM	0.13	1.42	0.008	8.238	0.712
10	5/4/2024	5:00PM	0.14	1.42	0.011	10.922	0.944
11	5/4/2024	6:00PM	0.16	1.42	0.014	13.606	1.176
12	5/4/2024	7:00PM	0.17	1.42	0.016	16.291	1.408
13	5/4/2024	8:00PM	0.18	1.42	0.019	18.975	1.639
14	5/4/2024	9:00PM	0.19	1.42	0.022	21.659	1.871
15	5/4/2024	10:00PM	0.18	1.42	0.019	18.975	1.639
16	5/4/2024	11:00PM	0.17	1.42	0.016	16.291	1.408
17	5/4/2024	12:00AM	0.16	1.42	0.014	13.606	1.176
18	6/4/2024	1:00AM	0.14	1.42	0.011	10.922	0.944
19	6/4/2024	2:00AM	0.13	1.42	0.008	8.238	0.712
20	6/4/2024	3:00AM	0.11	1.42	0.006	5.554	0.480
21	6/4/2024	4:00AM	0.13	1.42	0.008	8.238	0.712
22	6/4/2024	5:00AM	0.14	1.42	0.011	10.922	0.944
23	6/4/2024	6:00AM	0.16	1.42	0.014	13.606	1.176
24	6/4/2024	7:00AM	0.17	1.42	0.016	16.291	1.408
AVERAGE					0.014	13.606	1.176

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Laprocy Crossing			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.18	1.42	0.019	19.391	1.675
2	6/4/2024	9:00AM	0.19	1.42	0.022	22.214	1.919
3	6/4/2024	10:00AM	0.18	1.42	0.019	19.391	1.675
4	6/4/2024	11:00AM	0.17	1.42	0.017	16.568	1.432
5	6/4/2024	12:00	0.16	1.42	0.014	13.745	1.188
6	6/4/2024	1:00PM	0.14	1.42	0.011	10.922	0.944
7	6/4/2024	2:00PM	0.13	1.42	0.008	8.099	0.700
8	6/4/2024	3:00PM	0.11	1.42	0.005	5.276	0.456
9	6/4/2024	4:00PM	0.13	1.42	0.008	8.099	0.700
10	6/4/2024	5:00PM	0.14	1.42	0.011	10.922	0.944
11	6/4/2024	6:00PM	0.16	1.42	0.014	13.745	1.188
12	6/4/2024	7:00PM	0.17	1.42	0.017	16.568	1.432
13	6/4/2024	8:00PM	0.18	1.42	0.019	19.391	1.675
14	6/4/2024	9:00PM	0.19	1.42	0.022	22.214	1.919
15	6/4/2024	10:00PM	0.18	1.42	0.019	19.391	1.675
16	6/4/2024	11:00PM	0.17	1.42	0.017	16.568	1.432
17	6/4/2024	12:00AM	0.16	1.42	0.014	13.745	1.188
18	7/4/2024	1:00AM	0.14	1.42	0.011	10.922	0.944
19	7/4/2024	2:00AM	0.13	1.42	0.008	8.099	0.700
20	7/4/2024	3:00AM	0.11	1.42	0.005	5.276	0.456
21	7/4/2024	4:00AM	0.13	1.42	0.008	8.099	0.700
22	7/4/2024	5:00AM	0.14	1.42	0.011	10.922	0.944
23	7/4/2024	6:00AM	0.16	1.42	0.014	13.745	1.188
24	7/4/2024	7:00AM	0.17	1.42	0.017	16.568	1.432
AVERAGE					0.014	13.745	1.188

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Laprocy Crossing			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.18	1.42	0.019	18.929	1.635
2	7/4/2024	9:00AM	0.19	1.42	0.021	21.104	1.823
3	7/4/2024	10:00AM	0.18	1.42	0.019	18.929	1.635
4	7/4/2024	11:00AM	0.17	1.42	0.017	16.753	1.447
5	7/4/2024	12:00	0.16	1.42	0.015	14.578	1.260
6	7/4/2024	1:00PM	0.15	1.42	0.012	12.403	1.072
7	7/4/2024	2:00PM	0.14	1.42	0.010	10.228	0.884
8	7/4/2024	3:00PM	0.13	1.42	0.008	8.053	0.696
9	7/4/2024	4:00PM	0.14	1.42	0.010	10.228	0.884
10	7/4/2024	5:00PM	0.15	1.42	0.012	12.403	1.072
11	7/4/2024	6:00PM	0.16	1.42	0.015	14.578	1.260
12	7/4/2024	7:00PM	0.17	1.42	0.017	16.753	1.447
13	7/4/2024	8:00PM	0.18	1.42	0.019	18.929	1.635
14	7/4/2024	9:00PM	0.19	1.42	0.021	21.104	1.823
15	7/4/2024	10:00PM	0.18	1.42	0.019	18.929	1.635
16	7/4/2024	11:00PM	0.17	1.42	0.017	16.753	1.447
17	7/4/2024	12:00AM	0.16	1.42	0.015	14.578	1.260
18	8/4/2024	1:00AM	0.15	1.42	0.012	12.403	1.072
19	8/4/2024	2:00AM	0.14	1.42	0.010	10.228	0.884
20	8/4/2024	3:00AM	0.13	1.42	0.008	8.053	0.696
21	8/4/2024	4:00AM	0.14	1.42	0.010	10.228	0.884
22	8/4/2024	5:00AM	0.15	1.42	0.012	12.403	1.072
23	8/4/2024	6:00AM	0.16	1.42	0.015	14.578	1.260
24	8/4/2024	7:00AM	0.17	1.42	0.017	16.753	1.447
AVERAGE					0.015	14.578	1.260

परियोजना अधिशासी
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Laprocy Crossing			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.18	1.42	0.019	19.438	1.679
2	8/4/2024	9:00AM	0.19	1.42	0.022	22.353	1.931
3	8/4/2024	10:00AM	0.18	1.42	0.019	19.438	1.679
4	8/4/2024	11:00AM	0.17	1.42	0.017	16.522	1.428
5	8/4/2024	12:00	0.16	1.42	0.014	13.606	1.176
6	8/4/2024	1:00PM	0.14	1.42	0.011	10.691	0.924
7	8/4/2024	2:00PM	0.12	1.42	0.008	7.775	0.672
8	8/4/2024	3:00PM	0.10	1.42	0.005	4.859	0.420
9	8/4/2024	4:00PM	0.12	1.42	0.008	7.775	0.672
10	8/4/2024	5:00PM	0.14	1.42	0.011	10.691	0.924
11	8/4/2024	6:00PM	0.16	1.42	0.014	13.606	1.176
12	8/4/2024	7:00PM	0.17	1.42	0.017	16.522	1.428
13	8/4/2024	8:00PM	0.18	1.42	0.019	19.438	1.679
14	8/4/2024	9:00PM	0.19	1.42	0.022	22.353	1.931
15	8/4/2024	10:00PM	0.18	1.42	0.019	19.438	1.679
16	8/4/2024	11:00PM	0.17	1.42	0.017	16.522	1.428
17	8/4/2024	12:00AM	0.16	1.42	0.014	13.606	1.176
18	9/4/2024	1:00AM	0.14	1.42	0.011	10.691	0.924
19	9/4/2024	2:00AM	0.12	1.42	0.008	7.775	0.672
20	9/4/2024	3:00AM	0.10	1.42	0.005	4.859	0.420
21	9/4/2024	4:00AM	0.12	1.42	0.008	7.775	0.672
22	9/4/2024	5:00AM	0.14	1.42	0.011	10.691	0.924
23	9/4/2024	6:00AM	0.16	1.42	0.014	13.606	1.176
24	9/4/2024	7:00AM	0.17	1.42	0.017	16.522	1.428
AVERAGE					0.014	13.606	1.176

परियोजना अभियन्ता
नगर निगम प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name			Drain Near Arail Ghat	
Drain No.			1	
Formula			$Q= 1.42\ H^{2.5}$	
g= 9.806 m/Sec2			θ= 90°	
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.002	1.777	0.154
2	Day 2	0.002	1.879	0.162
3	Day 3	0.002	1.916	0.166
4	Day 4	0.002	1.814	0.157
5	Day 5	0.002	1.833	0.158
6	Day 6	0.002	1.944	0.168
7	Day 7	0.002	1.814	0.157
AVERAGE		**0.002**	**1.854**	**0.160**

पर्यवेक्षण अभियन्ता
नगर निगम, [illegible]

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Arail Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.08	1.42	0.003	2.592	0.224
2	2/4/2024	9:00AM	0.09	1.42	0.003	2.999	0.259
3	2/4/2024	10:00AM	0.08	1.42	0.003	2.592	0.224
4	2/4/2024	11:00AM	0.07	1.42	0.002	2.184	0.189
5	2/4/2024	12:00	0.07	1.42	0.002	1.777	0.154
6	2/4/2024	1:00PM	0.06	1.42	0.001	1.370	0.118
7	2/4/2024	2:00PM	0.05	1.42	0.001	0.963	0.083
8	2/4/2024	3:00PM	0.04	1.42	0.001	0.555	0.048
9	2/4/2024	4:00PM	0.05	1.42	0.001	0.963	0.083
10	2/4/2024	5:00PM	0.06	1.42	0.001	1.370	0.118
11	2/4/2024	6:00PM	0.07	1.42	0.002	1.777	0.154
12	2/4/2024	7:00PM	0.07	1.42	0.002	2.184	0.189
13	2/4/2024	8:00PM	0.08	1.42	0.003	2.592	0.224
14	2/4/2024	9:00PM	0.09	1.42	0.003	2.999	0.259
15	2/4/2024	10:00PM	0.08	1.42	0.003	2.592	0.224
16	2/4/2024	11:00PM	0.07	1.42	0.002	2.184	0.189
17	2/4/2024	12:00AM	0.07	1.42	0.002	1.777	0.154
18	3/4/2024	1:00AM	0.06	1.42	0.001	1.370	0.118
19	3/4/2024	2:00AM	0.05	1.42	0.001	0.963	0.083
20	3/4/2024	3:00AM	0.04	1.42	0.001	0.555	0.048
21	3/4/2024	4:00AM	0.05	1.42	0.001	0.963	0.083
22	3/4/2024	5:00AM	0.06	1.42	0.001	1.370	0.118
23	3/4/2024	6:00AM	0.07	1.42	0.002	1.777	0.154
24	3/4/2024	7:00AM	0.07	1.42	0.002	2.184	0.189
AVERAGE					0.002	1.777	0.154

एक्सियन ऑफिसर
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Arail Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.08	1.42	0.003	2.613	0.226
2	3/4/2024	9:00AM	0.08	1.42	0.003	2.980	0.258
3	3/4/2024	10:00AM	0.08	1.42	0.003	2.613	0.226
4	3/4/2024	11:00AM	0.08	1.42	0.002	2.246	0.194
5	3/4/2024	12:00	0.07	1.42	0.002	1.879	0.162
6	3/4/2024	1:00PM	0.06	1.42	0.002	1.512	0.131
7	3/4/2024	2:00PM	0.06	1.42	0.001	1.145	0.099
8	3/4/2024	3:00PM	0.05	1.42	0.001	0.778	0.067
9	3/4/2024	4:00PM	0.06	1.42	0.001	1.145	0.099
10	3/4/2024	5:00PM	0.06	1.42	0.002	1.512	0.131
11	3/4/2024	6:00PM	0.07	1.42	0.002	1.879	0.162
12	3/4/2024	7:00PM	0.08	1.42	0.002	2.246	0.194
13	3/4/2024	8:00PM	0.08	1.42	0.003	2.613	0.226
14	3/4/2024	9:00PM	0.08	1.42	0.003	2.980	0.258
15	3/4/2024	10:00PM	0.08	1.42	0.003	2.613	0.226
16	3/4/2024	11:00PM	0.08	1.42	0.002	2.246	0.194
17	3/4/2024	12:00AM	0.07	1.42	0.002	1.879	0.162
18	4/4/2024	1:00AM	0.06	1.42	0.002	1.512	0.131
19	4/4/2024	2:00AM	0.06	1.42	0.001	1.145	0.099
20	4/4/2024	3:00AM	0.05	1.42	0.001	0.778	0.067
21	4/4/2024	4:00AM	0.06	1.42	0.001	1.145	0.099
22	4/4/2024	5:00AM	0.06	1.42	0.002	1.512	0.131
23	4/4/2024	6:00AM	0.07	1.42	0.002	1.879	0.162
24	4/4/2024	7:00AM	0.08	1.42	0.002	2.246	0.194
AVERAGE					0.002	1.879	0.162

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Arail Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.08	1.42	0.003	2.712	0.234
2	4/4/2024	9:00AM	0.09	1.42	0.003	3.110	0.269
3	4/4/2024	10:00AM	0.08	1.42	0.003	2.712	0.234
4	4/4/2024	11:00AM	0.08	1.42	0.002	2.314	0.200
5	4/4/2024	12:00	0.07	1.42	0.002	1.916	0.166
6	4/4/2024	1:00PM	0.06	1.42	0.002	1.518	0.131
7	4/4/2024	2:00PM	0.06	1.42	0.001	1.120	0.097
8	4/4/2024	3:00PM	0.05	1.42	0.001	0.722	0.062
9	4/4/2024	4:00PM	0.06	1.42	0.001	1.120	0.097
10	4/4/2024	5:00PM	0.06	1.42	0.002	1.518	0.131
11	4/4/2024	6:00PM	0.07	1.42	0.002	1.916	0.166
12	4/4/2024	7:00PM	0.08	1.42	0.002	2.314	0.200
13	4/4/2024	8:00PM	0.08	1.42	0.003	2.712	0.234
14	4/4/2024	9:00PM	0.09	1.42	0.003	3.110	0.269
15	4/4/2024	10:00PM	0.08	1.42	0.003	2.712	0.234
16	4/4/2024	11:00PM	0.08	1.42	0.002	2.314	0.200
17	4/4/2024	12:00AM	0.07	1.42	0.002	1.916	0.166
18	5/4/2024	1:00AM	0.06	1.42	0.002	1.518	0.131
19	5/4/2024	2:00AM	0.06	1.42	0.001	1.120	0.097
20	5/4/2024	3:00AM	0.05	1.42	0.001	0.722	0.062
21	5/4/2024	4:00AM	0.06	1.42	0.001	1.120	0.097
22	5/4/2024	5:00AM	0.06	1.42	0.002	1.518	0.131
23	5/4/2024	6:00AM	0.07	1.42	0.002	1.916	0.166
24	5/4/2024	7:00AM	0.08	1.42	0.002	2.314	0.200
AVERAGE					0.002	1.916	0.166



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Arail Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.08	1.42	0.003	2.530	0.219
2	5/4/2024	9:00AM	0.08	1.42	0.003	2.888	0.250
3	5/4/2024	10:00AM	0.08	1.42	0.003	2.530	0.219
4	5/4/2024	11:00AM	0.07	1.42	0.002	2.172	0.188
5	5/4/2024	12:00	0.07	1.42	0.002	1.814	0.157
6	5/4/2024	1:00PM	0.06	1.42	0.001	1.456	0.126
7	5/4/2024	2:00PM	0.06	1.42	0.001	1.098	0.095
8	5/4/2024	3:00PM	0.05	1.42	0.001	0.740	0.064
9	5/4/2024	4:00PM	0.06	1.42	0.001	1.098	0.095
10	5/4/2024	5:00PM	0.06	1.42	0.001	1.456	0.126
11	5/4/2024	6:00PM	0.07	1.42	0.002	1.814	0.157
12	5/4/2024	7:00PM	0.07	1.42	0.002	2.172	0.188
13	5/4/2024	8:00PM	0.08	1.42	0.003	2.530	0.219
14	5/4/2024	9:00PM	0.08	1.42	0.003	2.888	0.250
15	5/4/2024	10:00PM	0.08	1.42	0.003	2.530	0.219
16	5/4/2024	11:00PM	0.07	1.42	0.002	2.172	0.188
17	5/4/2024	12:00AM	0.07	1.42	0.002	1.814	0.157
18	6/4/2024	1:00AM	0.06	1.42	0.001	1.456	0.126
19	6/4/2024	2:00AM	0.06	1.42	0.001	1.098	0.095
20	6/4/2024	3:00AM	0.05	1.42	0.001	0.740	0.064
21	6/4/2024	4:00AM	0.06	1.42	0.001	1.098	0.095
22	6/4/2024	5:00AM	0.06	1.42	0.001	1.456	0.126
23	6/4/2024	6:00AM	0.07	1.42	0.002	1.814	0.157
24	6/4/2024	7:00AM	0.07	1.42	0.002	2.172	0.188
AVERAGE					0.002	1.814	0.157

पर्यवेक्षण अधिशासी
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Arail Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.08	1.42	0.003	2.586	0.223
2	6/4/2024	9:00AM	0.08	1.42	0.003	2.962	0.256
3	6/4/2024	10:00AM	0.08	1.42	0.003	2.586	0.223
4	6/4/2024	11:00AM	0.08	1.42	0.002	2.209	0.191
5	6/4/2024	12:00	0.07	1.42	0.002	1.833	0.158
6	6/4/2024	1:00PM	0.06	1.42	0.001	1.456	0.126
7	6/4/2024	2:00PM	0.06	1.42	0.001	1.080	0.093
8	6/4/2024	3:00PM	0.05	1.42	0.001	0.703	0.061
9	6/4/2024	4:00PM	0.06	1.42	0.001	1.080	0.093
10	6/4/2024	5:00PM	0.06	1.42	0.001	1.456	0.126
11	6/4/2024	6:00PM	0.07	1.42	0.002	1.833	0.158
12	6/4/2024	7:00PM	0.08	1.42	0.002	2.209	0.191
13	6/4/2024	8:00PM	0.08	1.42	0.003	2.586	0.223
14	6/4/2024	9:00PM	0.08	1.42	0.003	2.962	0.256
15	6/4/2024	10:00PM	0.08	1.42	0.003	2.586	0.223
16	6/4/2024	11:00PM	0.08	1.42	0.002	2.209	0.191
17	6/4/2024	12:00AM	0.07	1.42	0.002	1.833	0.158
18	7/4/2024	1:00AM	0.06	1.42	0.001	1.456	0.126
19	7/4/2024	2:00AM	0.06	1.42	0.001	1.080	0.093
20	7/4/2024	3:00AM	0.05	1.42	0.001	0.703	0.061
21	7/4/2024	4:00AM	0.06	1.42	0.001	1.080	0.093
22	7/4/2024	5:00AM	0.06	1.42	0.001	1.456	0.126
23	7/4/2024	6:00AM	0.07	1.42	0.002	1.833	0.158
24	7/4/2024	7:00AM	0.08	1.42	0.002	2.209	0.191
AVERAGE					0.002	1.833	0.158

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Arail Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.08	1.42	0.003	2.524	0.218
2	7/4/2024	9:00AM	0.08	1.42	0.003	2.814	0.243
3	7/4/2024	10:00AM	0.08	1.42	0.003	2.524	0.218
4	7/4/2024	11:00AM	0.08	1.42	0.002	2.234	0.193
5	7/4/2024	12:00	0.07	1.42	0.002	1.944	0.168
6	7/4/2024	1:00PM	0.07	1.42	0.002	1.654	0.143
7	7/4/2024	2:00PM	0.06	1.42	0.001	1.364	0.118
8	7/4/2024	3:00PM	0.06	1.42	0.001	1.074	0.093
9	7/4/2024	4:00PM	0.06	1.42	0.001	1.364	0.118
10	7/4/2024	5:00PM	0.07	1.42	0.002	1.654	0.143
11	7/4/2024	6:00PM	0.07	1.42	0.002	1.944	0.168
12	7/4/2024	7:00PM	0.08	1.42	0.002	2.234	0.193
13	7/4/2024	8:00PM	0.08	1.42	0.003	2.524	0.218
14	7/4/2024	9:00PM	0.08	1.42	0.003	2.814	0.243
15	7/4/2024	10:00PM	0.08	1.42	0.003	2.524	0.218
16	7/4/2024	11:00PM	0.08	1.42	0.002	2.234	0.193
17	7/4/2024	12:00AM	0.07	1.42	0.002	1.944	0.168
18	8/4/2024	1:00AM	0.07	1.42	0.002	1.654	0.143
19	8/4/2024	2:00AM	0.06	1.42	0.001	1.364	0.118
20	8/4/2024	3:00AM	0.06	1.42	0.001	1.074	0.093
21	8/4/2024	4:00AM	0.06	1.42	0.001	1.364	0.118
22	8/4/2024	5:00AM	0.07	1.42	0.002	1.654	0.143
23	8/4/2024	6:00AM	0.07	1.42	0.002	1.944	0.168
24	8/4/2024	7:00AM	0.08	1.42	0.002	2.234	0.193
AVERAGE					0.002	1.944	0.168

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Drain Near Arail Ghat			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.08	1.42	0.003	2.592	0.224
2	8/4/2024	9:00AM	0.08	1.42	0.003	2.980	0.258
3	8/4/2024	10:00AM	0.08	1.42	0.003	2.592	0.224
4	8/4/2024	11:00AM	0.08	1.42	0.002	2.203	0.190
5	8/4/2024	12:00	0.07	1.42	0.002	1.814	0.157
6	8/4/2024	1:00PM	0.06	1.42	0.001	1.425	0.123
7	8/4/2024	2:00PM	0.06	1.42	0.001	1.037	0.090
8	8/4/2024	3:00PM	0.05	1.42	0.001	0.648	0.056
9	8/4/2024	4:00PM	0.06	1.42	0.001	1.037	0.090
10	8/4/2024	5:00PM	0.06	1.42	0.001	1.425	0.123
11	8/4/2024	6:00PM	0.07	1.42	0.002	1.814	0.157
12	8/4/2024	7:00PM	0.08	1.42	0.002	2.203	0.190
13	8/4/2024	8:00PM	0.08	1.42	0.003	2.592	0.224
14	8/4/2024	9:00PM	0.08	1.42	0.003	2.980	0.258
15	8/4/2024	10:00PM	0.08	1.42	0.003	2.592	0.224
16	8/4/2024	11:00PM	0.08	1.42	0.002	2.203	0.190
17	8/4/2024	12:00AM	0.07	1.42	0.002	1.814	0.157
18	9/4/2024	1:00AM	0.06	1.42	0.001	1.425	0.123
19	9/4/2024	2:00AM	0.06	1.42	0.001	1.037	0.090
20	9/4/2024	3:00AM	0.05	1.42	0.001	0.648	0.056
21	9/4/2024	4:00AM	0.06	1.42	0.001	1.037	0.090
22	9/4/2024	5:00AM	0.06	1.42	0.001	1.425	0.123
23	9/4/2024	6:00AM	0.07	1.42	0.002	1.814	0.157
24	9/4/2024	7:00AM	0.08	1.42	0.002	2.203	0.190
AVERAGE					0.002	1.814	0.157



Average Discharge of 7 Days Flow Measurement				
Drain Name		Small Drain A		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.005	4.998	0.432
2	Day 2	0.005	5.285	0.457
3	Day 3	0.005	5.389	0.466
4	Day 4	0.005	5.102	0.441
5	Day 5	0.005	5.154	0.445
6	Day 6	0.005	5.467	0.472
7	Day 7	0.005	5.102	0.441
AVERAGE		**0.005**	**5.214**	**0.450**

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain A			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.12	1.42	0.007	7.289	0.630
2	2/4/2024	9:00AM	0.13	1.42	0.008	8.435	0.729
3	2/4/2024	10:00AM	0.12	1.42	0.007	7.289	0.630
4	2/4/2024	11:00AM	0.11	1.42	0.006	6.144	0.531
5	2/4/2024	12:00	0.10	1.42	0.005	4.998	0.432
6	2/4/2024	1:00PM	0.09	1.42	0.004	3.853	0.333
7	2/4/2024	2:00PM	0.08	1.42	0.003	2.707	0.234
8	2/4/2024	3:00PM	0.07	1.42	0.002	1.562	0.135
9	2/4/2024	4:00PM	0.08	1.42	0.003	2.707	0.234
10	2/4/2024	5:00PM	0.09	1.42	0.004	3.853	0.333
11	2/4/2024	6:00PM	0.10	1.42	0.005	4.998	0.432
12	2/4/2024	7:00PM	0.11	1.42	0.006	6.144	0.531
13	2/4/2024	8:00PM	0.12	1.42	0.007	7.289	0.630
14	2/4/2024	9:00PM	0.13	1.42	0.008	8.435	0.729
15	2/4/2024	10:00PM	0.12	1.42	0.007	7.289	0.630
16	2/4/2024	11:00PM	0.11	1.42	0.006	6.144	0.531
17	2/4/2024	12:00AM	0.10	1.42	0.005	4.998	0.432
18	3/4/2024	1:00AM	0.09	1.42	0.004	3.853	0.333
19	3/4/2024	2:00AM	0.08	1.42	0.003	2.707	0.234
20	3/4/2024	3:00AM	0.07	1.42	0.002	1.562	0.135
21	3/4/2024	4:00AM	0.08	1.42	0.003	2.707	0.234
22	3/4/2024	5:00AM	0.09	1.42	0.004	3.853	0.333
23	3/4/2024	6:00AM	0.10	1.42	0.005	4.998	0.432
24	3/4/2024	7:00AM	0.11	1.42	0.006	6.144	0.531
AVERAGE					0.005	4.998	0.432



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain A			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.12	1.42	0.007	7.350	0.635
2	3/4/2024	9:00AM	0.13	1.42	0.008	8.382	0.724
3	3/4/2024	10:00AM	0.12	1.42	0.007	7.350	0.635
4	3/4/2024	11:00AM	0.11	1.42	0.006	6.317	0.546
5	3/4/2024	12:00	0.11	1.42	0.005	5.285	0.457
6	3/4/2024	1:00PM	0.10	1.42	0.004	4.252	0.367
7	3/4/2024	2:00PM	0.09	1.42	0.003	3.219	0.278
8	3/4/2024	3:00PM	0.07	1.42	0.002	2.187	0.189
9	3/4/2024	4:00PM	0.09	1.42	0.003	3.219	0.278
10	3/4/2024	5:00PM	0.10	1.42	0.004	4.252	0.367
11	3/4/2024	6:00PM	0.11	1.42	0.005	5.285	0.457
12	3/4/2024	7:00PM	0.11	1.42	0.006	6.317	0.546
13	3/4/2024	8:00PM	0.12	1.42	0.007	7.350	0.635
14	3/4/2024	9:00PM	0.13	1.42	0.008	8.382	0.724
15	3/4/2024	10:00PM	0.12	1.42	0.007	7.350	0.635
16	3/4/2024	11:00PM	0.11	1.42	0.006	6.317	0.546
17	3/4/2024	12:00AM	0.11	1.42	0.005	5.285	0.457
18	4/4/2024	1:00AM	0.10	1.42	0.004	4.252	0.367
19	4/4/2024	2:00AM	0.09	1.42	0.003	3.219	0.278
20	4/4/2024	3:00AM	0.07	1.42	0.002	2.187	0.189
21	4/4/2024	4:00AM	0.09	1.42	0.003	3.219	0.278
22	4/4/2024	5:00AM	0.10	1.42	0.004	4.252	0.367
23	4/4/2024	6:00AM	0.11	1.42	0.005	5.285	0.457
24	4/4/2024	7:00AM	0.11	1.42	0.006	6.317	0.546
AVERAGE					0.005	5.285	0.457

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain A			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.12	1.42	0.008	7.628	0.659
2	4/4/2024	9:00AM	0.13	1.42	0.009	8.747	0.756
3	4/4/2024	10:00AM	0.12	1.42	0.008	7.628	0.659
4	4/4/2024	11:00AM	0.12	1.42	0.007	6.508	0.562
5	4/4/2024	12:00	0.11	1.42	0.005	5.389	0.466
6	4/4/2024	1:00PM	0.10	1.42	0.004	4.269	0.369
7	4/4/2024	2:00PM	0.09	1.42	0.003	3.150	0.272
8	4/4/2024	3:00PM	0.07	1.42	0.002	2.031	0.175
9	4/4/2024	4:00PM	0.09	1.42	0.003	3.150	0.272
10	4/4/2024	5:00PM	0.10	1.42	0.004	4.269	0.369
11	4/4/2024	6:00PM	0.11	1.42	0.005	5.389	0.466
12	4/4/2024	7:00PM	0.12	1.42	0.007	6.508	0.562
13	4/4/2024	8:00PM	0.12	1.42	0.008	7.628	0.659
14	4/4/2024	9:00PM	0.13	1.42	0.009	8.747	0.756
15	4/4/2024	10:00PM	0.12	1.42	0.008	7.628	0.659
16	4/4/2024	11:00PM	0.12	1.42	0.007	6.508	0.562
17	4/4/2024	12:00AM	0.11	1.42	0.005	5.389	0.466
18	5/4/2024	1:00AM	0.10	1.42	0.004	4.269	0.369
19	5/4/2024	2:00AM	0.09	1.42	0.003	3.150	0.272
20	5/4/2024	3:00AM	0.07	1.42	0.002	2.031	0.175
21	5/4/2024	4:00AM	0.09	1.42	0.003	3.150	0.272
22	5/4/2024	5:00AM	0.10	1.42	0.004	4.269	0.369
23	5/4/2024	6:00AM	0.11	1.42	0.005	5.389	0.466
24	5/4/2024	7:00AM	0.12	1.42	0.007	6.508	0.562
AVERAGE					0.005	5.389	0.466

पर्यवेक्षण अधिशासी
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain A			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	**0.12**	1.42	0.007	7.116	0.615
2	5/4/2024	9:00AM	**0.13**	1.42	0.008	8.122	0.702
3	5/4/2024	10:00AM	**0.12**	1.42	0.007	7.116	0.615
4	5/4/2024	11:00AM	**0.11**	1.42	0.006	6.109	0.528
5	5/4/2024	12:00	**0.11**	1.42	0.005	5.102	0.441
6	5/4/2024	1:00PM	**0.10**	1.42	0.004	4.096	0.354
7	5/4/2024	2:00PM	**0.09**	1.42	0.003	3.089	0.267
8	5/4/2024	3:00PM	**0.07**	1.42	0.002	2.083	0.180
9	5/4/2024	4:00PM	**0.09**	1.42	0.003	3.089	0.267
10	5/4/2024	5:00PM	**0.10**	1.42	0.004	4.096	0.354
11	5/4/2024	6:00PM	**0.11**	1.42	0.005	5.102	0.441
12	5/4/2024	7:00PM	**0.11**	1.42	0.006	6.109	0.528
13	5/4/2024	8:00PM	**0.12**	1.42	0.007	7.116	0.615
14	5/4/2024	9:00PM	**0.13**	1.42	0.008	8.122	0.702
15	5/4/2024	10:00PM	**0.12**	1.42	0.007	7.116	0.615
16	5/4/2024	11:00PM	**0.11**	1.42	0.006	6.109	0.528
17	5/4/2024	12:00AM	**0.11**	1.42	0.005	5.102	0.441
18	6/4/2024	1:00AM	**0.10**	1.42	0.004	4.096	0.354
19	6/4/2024	2:00AM	**0.09**	1.42	0.003	3.089	0.267
20	6/4/2024	3:00AM	**0.07**	1.42	0.002	2.083	0.180
21	6/4/2024	4:00AM	**0.09**	1.42	0.003	3.089	0.267
22	6/4/2024	5:00AM	**0.10**	1.42	0.004	4.096	0.354
23	6/4/2024	6:00AM	**0.11**	1.42	0.005	5.102	0.441
24	6/4/2024	7:00AM	**0.11**	1.42	0.006	6.109	0.528
AVERAGE					**0.005**	**5.102**	**0.441**

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain A			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	**0.12**	1.42	0.007	7.272	0.628
2	6/4/2024	9:00AM	**0.13**	1.42	0.008	8.330	0.720
3	6/4/2024	10:00AM	**0.12**	1.42	0.007	7.272	0.628
4	6/4/2024	11:00AM	**0.11**	1.42	0.006	6.213	0.537
5	6/4/2024	12:00	**0.11**	1.42	0.005	5.154	0.445
6	6/4/2024	1:00PM	**0.10**	1.42	0.004	4.096	0.354
7	6/4/2024	2:00PM	**0.09**	1.42	0.003	3.037	0.262
8	6/4/2024	3:00PM	**0.07**	1.42	0.002	1.978	0.171
9	6/4/2024	4:00PM	**0.09**	1.42	0.003	3.037	0.262
10	6/4/2024	5:00PM	**0.10**	1.42	0.004	4.096	0.354
11	6/4/2024	6:00PM	**0.11**	1.42	0.005	5.154	0.445
12	6/4/2024	7:00PM	**0.11**	1.42	0.006	6.213	0.537
13	6/4/2024	8:00PM	**0.12**	1.42	0.007	7.272	0.628
14	6/4/2024	9:00PM	**0.13**	1.42	0.008	8.330	0.720
15	6/4/2024	10:00PM	**0.12**	1.42	0.007	7.272	0.628
16	6/4/2024	11:00PM	**0.11**	1.42	0.006	6.213	0.537
17	6/4/2024	12:00AM	**0.11**	1.42	0.005	5.154	0.445
18	7/4/2024	1:00AM	**0.10**	1.42	0.004	4.096	0.354
19	7/4/2024	2:00AM	**0.09**	1.42	0.003	3.037	0.262
20	7/4/2024	3:00AM	**0.07**	1.42	0.002	1.978	0.171
21	7/4/2024	4:00AM	**0.09**	1.42	0.003	3.037	0.262
22	7/4/2024	5:00AM	**0.10**	1.42	0.004	4.096	0.354
23	7/4/2024	6:00AM	**0.11**	1.42	0.005	5.154	0.445
24	7/4/2024	7:00AM	**0.11**	1.42	0.006	6.213	0.537
AVERAGE					**0.005**	**5.154**	**0.445**



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain A			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	**0.12**	1.42	0.007	7.098	0.613
2	7/4/2024	9:00AM	**0.13**	1.42	0.008	7.914	0.684
3	7/4/2024	10:00AM	**0.12**	1.42	0.007	7.098	0.613
4	7/4/2024	11:00AM	**0.11**	1.42	0.006	6.283	0.543
5	7/4/2024	12:00	**0.11**	1.42	0.005	5.467	0.472
6	7/4/2024	1:00PM	**0.10**	1.42	0.005	4.651	0.402
7	7/4/2024	2:00PM	**0.09**	1.42	0.004	3.835	0.331
8	7/4/2024	3:00PM	**0.09**	1.42	0.003	3.020	0.261
9	7/4/2024	4:00PM	**0.09**	1.42	0.004	3.835	0.331
10	7/4/2024	5:00PM	**0.10**	1.42	0.005	4.651	0.402
11	7/4/2024	6:00PM	**0.11**	1.42	0.005	5.467	0.472
12	7/4/2024	7:00PM	**0.11**	1.42	0.006	6.283	0.543
13	7/4/2024	8:00PM	**0.12**	1.42	0.007	7.098	0.613
14	7/4/2024	9:00PM	**0.13**	1.42	0.008	7.914	0.684
15	7/4/2024	10:00PM	**0.12**	1.42	0.007	7.098	0.613
16	7/4/2024	11:00PM	**0.11**	1.42	0.006	6.283	0.543
17	7/4/2024	12:00AM	**0.11**	1.42	0.005	5.467	0.472
18	8/4/2024	1:00AM	**0.10**	1.42	0.005	4.651	0.402
19	8/4/2024	2:00AM	**0.09**	1.42	0.004	3.835	0.331
20	8/4/2024	3:00AM	**0.09**	1.42	0.003	3.020	0.261
21	8/4/2024	4:00AM	**0.09**	1.42	0.004	3.835	0.331
22	8/4/2024	5:00AM	**0.10**	1.42	0.005	4.651	0.402
23	8/4/2024	6:00AM	**0.11**	1.42	0.005	5.467	0.472
24	8/4/2024	7:00AM	**0.11**	1.42	0.006	6.283	0.543
AVERAGE					**0.005**	**5.467**	**0.472**



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain A			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.12	1.42	0.007	7.289	0.630
2	8/4/2024	9:00AM	0.13	1.42	0.008	8.382	0.724
3	8/4/2024	10:00AM	0.12	1.42	0.007	7.289	0.630
4	8/4/2024	11:00AM	0.11	1.42	0.006	6.196	0.535
5	8/4/2024	12:00	0.11	1.42	0.005	5.102	0.441
6	8/4/2024	1:00PM	0.10	1.42	0.004	4.009	0.346
7	8/4/2024	2:00PM	0.08	1.42	0.003	2.916	0.252
8	8/4/2024	3:00PM	0.07	1.42	0.002	1.822	0.157
9	8/4/2024	4:00PM	0.08	1.42	0.003	2.916	0.252
10	8/4/2024	5:00PM	0.10	1.42	0.004	4.009	0.346
11	8/4/2024	6:00PM	0.11	1.42	0.005	5.102	0.441
12	8/4/2024	7:00PM	0.11	1.42	0.006	6.196	0.535
13	8/4/2024	8:00PM	0.12	1.42	0.007	7.289	0.630
14	8/4/2024	9:00PM	0.13	1.42	0.008	8.382	0.724
15	8/4/2024	10:00PM	0.12	1.42	0.007	7.289	0.630
16	8/4/2024	11:00PM	0.11	1.42	0.006	6.196	0.535
17	8/4/2024	12:00AM	0.11	1.42	0.005	5.102	0.441
18	9/4/2024	1:00AM	0.10	1.42	0.004	4.009	0.346
19	9/4/2024	2:00AM	0.08	1.42	0.003	2.916	0.252
20	9/4/2024	3:00AM	0.07	1.42	0.002	1.822	0.157
21	9/4/2024	4:00AM	0.08	1.42	0.003	2.916	0.252
22	9/4/2024	5:00AM	0.10	1.42	0.004	4.009	0.346
23	9/4/2024	6:00AM	0.11	1.42	0.005	5.102	0.441
24	9/4/2024	7:00AM	0.11	1.42	0.006	6.196	0.535
AVERAGE					0.005	5.102	0.441

Average Discharge of 7 Days Flow Measurement				
Drain Name		Small Drain B		
Drain No.		1		
Formula		$Q= 1.42\ H^{2.5}$		
g= 9.806 m/Sec2		θ= 90°		
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.002	2.221	0.192
2	Day 2	0.002	2.349	0.203
3	Day 3	0.002	2.395	0.207
4	Day 4	0.002	2.268	0.196
5	Day 5	0.002	2.291	0.198
6	Day 6	0.002	2.430	0.210
7	Day 7	0.002	2.268	0.196
AVERAGE		**0.002**	**2.317**	**0.200**

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain B			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.09	1.42	0.003	3.240	0.280
2	2/4/2024	9:00AM	0.09	1.42	0.004	3.749	0.324
3	2/4/2024	10:00AM	0.09	1.42	0.003	3.240	0.280
4	2/4/2024	11:00AM	0.08	1.42	0.003	2.731	0.236
5	2/4/2024	12:00	0.08	1.42	0.002	2.221	0.192
6	2/4/2024	1:00PM	0.07	1.42	0.002	1.712	0.148
7	2/4/2024	2:00PM	0.06	1.42	0.001	1.203	0.104
8	2/4/2024	3:00PM	0.05	1.42	0.001	0.694	0.060
9	2/4/2024	4:00PM	0.06	1.42	0.001	1.203	0.104
10	2/4/2024	5:00PM	0.07	1.42	0.002	1.712	0.148
11	2/4/2024	6:00PM	0.08	1.42	0.002	2.221	0.192
12	2/4/2024	7:00PM	0.08	1.42	0.003	2.731	0.236
13	2/4/2024	8:00PM	0.09	1.42	0.003	3.240	0.280
14	2/4/2024	9:00PM	0.09	1.42	0.004	3.749	0.324
15	2/4/2024	10:00PM	0.09	1.42	0.003	3.240	0.280
16	2/4/2024	11:00PM	0.08	1.42	0.003	2.731	0.236
17	2/4/2024	12:00AM	0.08	1.42	0.002	2.221	0.192
18	3/4/2024	1:00AM	0.07	1.42	0.002	1.712	0.148
19	3/4/2024	2:00AM	0.06	1.42	0.001	1.203	0.104
20	3/4/2024	3:00AM	0.05	1.42	0.001	0.694	0.060
21	3/4/2024	4:00AM	0.06	1.42	0.001	1.203	0.104
22	3/4/2024	5:00AM	0.07	1.42	0.002	1.712	0.148
23	3/4/2024	6:00AM	0.08	1.42	0.002	2.221	0.192
24	3/4/2024	7:00AM	0.08	1.42	0.003	2.731	0.236
AVERAGE					0.002	2.221	0.192

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain B			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.09	1.42	0.003	3.267	0.282
2	3/4/2024	9:00AM	0.09	1.42	0.004	3.726	0.322
3	3/4/2024	10:00AM	0.09	1.42	0.003	3.267	0.282
4	3/4/2024	11:00AM	0.08	1.42	0.003	2.808	0.243
5	3/4/2024	12:00	0.08	1.42	0.002	2.349	0.203
6	3/4/2024	1:00PM	0.07	1.42	0.002	1.890	0.163
7	3/4/2024	2:00PM	0.06	1.42	0.001	1.431	0.124
8	3/4/2024	3:00PM	0.05	1.42	0.001	0.972	0.084
9	3/4/2024	4:00PM	0.06	1.42	0.001	1.431	0.124
10	3/4/2024	5:00PM	0.07	1.42	0.002	1.890	0.163
11	3/4/2024	6:00PM	0.08	1.42	0.002	2.349	0.203
12	3/4/2024	7:00PM	0.08	1.42	0.003	2.808	0.243
13	3/4/2024	8:00PM	0.09	1.42	0.003	3.267	0.282
14	3/4/2024	9:00PM	0.09	1.42	0.004	3.726	0.322
15	3/4/2024	10:00PM	0.09	1.42	0.003	3.267	0.282
16	3/4/2024	11:00PM	0.08	1.42	0.003	2.808	0.243
17	3/4/2024	12:00AM	0.08	1.42	0.002	2.349	0.203
18	4/4/2024	1:00AM	0.07	1.42	0.002	1.890	0.163
19	4/4/2024	2:00AM	0.06	1.42	0.001	1.431	0.124
20	4/4/2024	3:00AM	0.05	1.42	0.001	0.972	0.084
21	4/4/2024	4:00AM	0.06	1.42	0.001	1.431	0.124
22	4/4/2024	5:00AM	0.07	1.42	0.002	1.890	0.163
23	4/4/2024	6:00AM	0.08	1.42	0.002	2.349	0.203
24	4/4/2024	7:00AM	0.08	1.42	0.003	2.808	0.243
AVERAGE					0.002	2.349	0.203

पर्यवेक्षण अभियन्ता
प्यार सिंचाई, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain B			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.09	1.42	0.003	3.390	0.293
2	4/4/2024	9:00AM	0.09	1.42	0.004	3.888	0.336
3	4/4/2024	10:00AM	0.09	1.42	0.003	3.390	0.293
4	4/4/2024	11:00AM	0.08	1.42	0.003	2.893	0.250
5	4/4/2024	12:00	0.08	1.42	0.002	2.395	0.207
6	4/4/2024	1:00PM	0.07	1.42	0.002	1.897	0.164
7	4/4/2024	2:00PM	0.06	1.42	0.001	1.400	0.121
8	4/4/2024	3:00PM	0.05	1.42	0.001	0.902	0.078
9	4/4/2024	4:00PM	0.06	1.42	0.001	1.400	0.121
10	4/4/2024	5:00PM	0.07	1.42	0.002	1.897	0.164
11	4/4/2024	6:00PM	0.08	1.42	0.002	2.395	0.207
12	4/4/2024	7:00PM	0.08	1.42	0.003	2.893	0.250
13	4/4/2024	8:00PM	0.09	1.42	0.003	3.390	0.293
14	4/4/2024	9:00PM	0.09	1.42	0.004	3.888	0.336
15	4/4/2024	10:00PM	0.09	1.42	0.003	3.390	0.293
16	4/4/2024	11:00PM	0.08	1.42	0.003	2.893	0.250
17	4/4/2024	12:00AM	0.08	1.42	0.002	2.395	0.207
18	5/4/2024	1:00AM	0.07	1.42	0.002	1.897	0.164
19	5/4/2024	2:00AM	0.06	1.42	0.001	1.400	0.121
20	5/4/2024	3:00AM	0.05	1.42	0.001	0.902	0.078
21	5/4/2024	4:00AM	0.06	1.42	0.001	1.400	0.121
22	5/4/2024	5:00AM	0.07	1.42	0.002	1.897	0.164
23	5/4/2024	6:00AM	0.08	1.42	0.002	2.395	0.207
24	5/4/2024	7:00AM	0.08	1.42	0.003	2.893	0.250
AVERAGE					0.002	2.395	0.207

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain B			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.09	1.42	0.003	3.162	0.273
2	5/4/2024	9:00AM	0.09	1.42	0.004	3.610	0.312
3	5/4/2024	10:00AM	0.09	1.42	0.003	3.162	0.273
4	5/4/2024	11:00AM	0.08	1.42	0.003	2.715	0.235
5	5/4/2024	12:00	0.08	1.42	0.002	2.268	0.196
6	5/4/2024	1:00PM	0.07	1.42	0.002	1.820	0.157
7	5/4/2024	2:00PM	0.06	1.42	0.001	1.373	0.119
8	5/4/2024	3:00PM	0.05	1.42	0.001	0.926	0.080
9	5/4/2024	4:00PM	0.06	1.42	0.001	1.373	0.119
10	5/4/2024	5:00PM	0.07	1.42	0.002	1.820	0.157
11	5/4/2024	6:00PM	0.08	1.42	0.002	2.268	0.196
12	5/4/2024	7:00PM	0.08	1.42	0.003	2.715	0.235
13	5/4/2024	8:00PM	0.09	1.42	0.003	3.162	0.273
14	5/4/2024	9:00PM	0.09	1.42	0.004	3.610	0.312
15	5/4/2024	10:00PM	0.09	1.42	0.003	3.162	0.273
16	5/4/2024	11:00PM	0.08	1.42	0.003	2.715	0.235
17	5/4/2024	12:00AM	0.08	1.42	0.002	2.268	0.196
18	6/4/2024	1:00AM	0.07	1.42	0.002	1.820	0.157
19	6/4/2024	2:00AM	0.06	1.42	0.001	1.373	0.119
20	6/4/2024	3:00AM	0.05	1.42	0.001	0.926	0.080
21	6/4/2024	4:00AM	0.06	1.42	0.001	1.373	0.119
22	6/4/2024	5:00AM	0.07	1.42	0.002	1.820	0.157
23	6/4/2024	6:00AM	0.08	1.42	0.002	2.268	0.196
24	6/4/2024	7:00AM	0.08	1.42	0.003	2.715	0.235
AVERAGE					0.002	2.268	0.196

परियोजना अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain B			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.09	1.42	0.003	3.232	0.279
2	6/4/2024	9:00AM	0.09	1.42	0.004	3.702	0.320
3	6/4/2024	10:00AM	0.09	1.42	0.003	3.232	0.279
4	6/4/2024	11:00AM	0.08	1.42	0.003	2.761	0.239
5	6/4/2024	12:00	0.08	1.42	0.002	2.291	0.198
6	6/4/2024	1:00PM	0.07	1.42	0.002	1.820	0.157
7	6/4/2024	2:00PM	0.06	1.42	0.001	1.350	0.117
8	6/4/2024	3:00PM	0.05	1.42	0.001	0.879	0.076
9	6/4/2024	4:00PM	0.06	1.42	0.001	1.350	0.117
10	6/4/2024	5:00PM	0.07	1.42	0.002	1.820	0.157
11	6/4/2024	6:00PM	0.08	1.42	0.002	2.291	0.198
12	6/4/2024	7:00PM	0.08	1.42	0.003	2.761	0.239
13	6/4/2024	8:00PM	0.09	1.42	0.003	3.232	0.279
14	6/4/2024	9:00PM	0.09	1.42	0.004	3.702	0.320
15	6/4/2024	10:00PM	0.09	1.42	0.003	3.232	0.279
16	6/4/2024	11:00PM	0.08	1.42	0.003	2.761	0.239
17	6/4/2024	12:00AM	0.08	1.42	0.002	2.291	0.198
18	7/4/2024	1:00AM	0.07	1.42	0.002	1.820	0.157
19	7/4/2024	2:00AM	0.06	1.42	0.001	1.350	0.117
20	7/4/2024	3:00AM	0.05	1.42	0.001	0.879	0.076
21	7/4/2024	4:00AM	0.06	1.42	0.001	1.350	0.117
22	7/4/2024	5:00AM	0.07	1.42	0.002	1.820	0.157
23	7/4/2024	6:00AM	0.08	1.42	0.002	2.291	0.198
24	7/4/2024	7:00AM	0.08	1.42	0.003	2.761	0.239
AVERAGE					0.002	2.291	0.198



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain B			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.09	1.42	0.003	3.155	0.273
2	7/4/2024	9:00AM	0.09	1.42	0.004	3.517	0.304
3	7/4/2024	10:00AM	0.09	1.42	0.003	3.155	0.273
4	7/4/2024	11:00AM	0.08	1.42	0.003	2.792	0.241
5	7/4/2024	12:00	0.08	1.42	0.002	2.430	0.210
6	7/4/2024	1:00PM	0.07	1.42	0.002	2.067	0.179
7	7/4/2024	2:00PM	0.07	1.42	0.002	1.705	0.147
8	7/4/2024	3:00PM	0.06	1.42	0.001	1.342	0.116
9	7/4/2024	4:00PM	0.07	1.42	0.002	1.705	0.147
10	7/4/2024	5:00PM	0.07	1.42	0.002	2.067	0.179
11	7/4/2024	6:00PM	0.08	1.42	0.002	2.430	0.210
12	7/4/2024	7:00PM	0.08	1.42	0.003	2.792	0.241
13	7/4/2024	8:00PM	0.09	1.42	0.003	3.155	0.273
14	7/4/2024	9:00PM	0.09	1.42	0.004	3.517	0.304
15	7/4/2024	10:00PM	0.09	1.42	0.003	3.155	0.273
16	7/4/2024	11:00PM	0.08	1.42	0.003	2.792	0.241
17	7/4/2024	12:00AM	0.08	1.42	0.002	2.430	0.210
18	8/4/2024	1:00AM	0.07	1.42	0.002	2.067	0.179
19	8/4/2024	2:00AM	0.07	1.42	0.002	1.705	0.147
20	8/4/2024	3:00AM	0.06	1.42	0.001	1.342	0.116
21	8/4/2024	4:00AM	0.07	1.42	0.002	1.705	0.147
22	8/4/2024	5:00AM	0.07	1.42	0.002	2.067	0.179
23	8/4/2024	6:00AM	0.08	1.42	0.002	2.430	0.210
24	8/4/2024	7:00AM	0.08	1.42	0.003	2.792	0.241
AVERAGE					0.002	2.430	0.210

पर्यावरण अधिकारी
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain B			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.09	1.42	0.003	3.240	0.280
2	8/4/2024	9:00AM	0.09	1.42	0.004	3.726	0.322
3	8/4/2024	10:00AM	0.09	1.42	0.003	3.240	0.280
4	8/4/2024	11:00AM	0.08	1.42	0.003	2.754	0.238
5	8/4/2024	12:00	0.08	1.42	0.002	2.268	0.196
6	8/4/2024	1:00PM	0.07	1.42	0.002	1.782	0.154
7	8/4/2024	2:00PM	0.06	1.42	0.001	1.296	0.112
8	8/4/2024	3:00PM	0.05	1.42	0.001	0.810	0.070
9	8/4/2024	4:00PM	0.06	1.42	0.001	1.296	0.112
10	8/4/2024	5:00PM	0.07	1.42	0.002	1.782	0.154
11	8/4/2024	6:00PM	0.08	1.42	0.002	2.268	0.196
12	8/4/2024	7:00PM	0.08	1.42	0.003	2.754	0.238
13	8/4/2024	8:00PM	0.09	1.42	0.003	3.240	0.280
14	8/4/2024	9:00PM	0.09	1.42	0.004	3.726	0.322
15	8/4/2024	10:00PM	0.09	1.42	0.003	3.240	0.280
16	8/4/2024	11:00PM	0.08	1.42	0.003	2.754	0.238
17	8/4/2024	12:00AM	0.08	1.42	0.002	2.268	0.196
18	9/4/2024	1:00AM	0.07	1.42	0.002	1.782	0.154
19	9/4/2024	2:00AM	0.06	1.42	0.001	1.296	0.112
20	9/4/2024	3:00AM	0.05	1.42	0.001	0.810	0.070
21	9/4/2024	4:00AM	0.06	1.42	0.001	1.296	0.112
22	9/4/2024	5:00AM	0.07	1.42	0.002	1.782	0.154
23	9/4/2024	6:00AM	0.08	1.42	0.002	2.268	0.196
24	9/4/2024	7:00AM	0.08	1.42	0.003	2.754	0.238
AVERAGE					0.002	2.268	0.196

पर्यावरण अभियन्ता
नगर निगम, प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name			Small Drain C	
Drain No.			1	
Formula			$Q= 1.42\ H^{2.5}$	
g= 9.806 m/Sec2			θ= 90°	
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.001	1.111	0.096
2	Day 2	0.001	1.174	0.101
3	Day 3	0.001	1.197	0.103
4	Day 4	0.001	1.134	0.098
5	Day 5	0.001	1.145	0.099
6	Day 6	0.001	1.215	0.105
7	Day 7	0.001	1.134	0.098
AVERAGE		**0.001**	**1.159**	**0.100**

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain C			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.07	1.42	0.002	1.620	0.140
2	2/4/2024	9:00AM	0.07	1.42	0.002	1.874	0.162
3	2/4/2024	10:00AM	0.07	1.42	0.002	1.620	0.140
4	2/4/2024	11:00AM	0.06	1.42	0.001	1.365	0.118
5	2/4/2024	12:00	0.06	1.42	0.001	1.111	0.096
6	2/4/2024	1:00PM	0.05	1.42	0.001	0.856	0.074
7	2/4/2024	2:00PM	0.04	1.42	0.001	0.602	0.052
8	2/4/2024	3:00PM	0.04	1.42	0.000	0.347	0.030
9	2/4/2024	4:00PM	0.04	1.42	0.001	0.602	0.052
10	2/4/2024	5:00PM	0.05	1.42	0.001	0.856	0.074
11	2/4/2024	6:00PM	0.06	1.42	0.001	1.111	0.096
12	2/4/2024	7:00PM	0.06	1.42	0.001	1.365	0.118
13	2/4/2024	8:00PM	0.07	1.42	0.002	1.620	0.140
14	2/4/2024	9:00PM	0.07	1.42	0.002	1.874	0.162
15	2/4/2024	10:00PM	0.07	1.42	0.002	1.620	0.140
16	2/4/2024	11:00PM	0.06	1.42	0.001	1.365	0.118
17	2/4/2024	12:00AM	0.06	1.42	0.001	1.111	0.096
18	3/4/2024	1:00AM	0.05	1.42	0.001	0.856	0.074
19	3/4/2024	2:00AM	0.04	1.42	0.001	0.602	0.052
20	3/4/2024	3:00AM	0.04	1.42	0.000	0.347	0.030
21	3/4/2024	4:00AM	0.04	1.42	0.001	0.602	0.052
22	3/4/2024	5:00AM	0.05	1.42	0.001	0.856	0.074
23	3/4/2024	6:00AM	0.06	1.42	0.001	1.111	0.096
24	3/4/2024	7:00AM	0.06	1.42	0.001	1.365	0.118
AVERAGE					0.001	1.111	0.096

पर्यवेक्षण अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain C			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.07	1.42	0.002	1.633	0.141
2	3/4/2024	9:00AM	0.07	1.42	0.002	1.863	0.161
3	3/4/2024	10:00AM	0.07	1.42	0.002	1.633	0.141
4	3/4/2024	11:00AM	0.06	1.42	0.001	1.404	0.121
5	3/4/2024	12:00	0.06	1.42	0.001	1.174	0.101
6	3/4/2024	1:00PM	0.05	1.42	0.001	0.945	0.082
7	3/4/2024	2:00PM	0.05	1.42	0.001	0.715	0.062
8	3/4/2024	3:00PM	0.04	1.42	0.000	0.486	0.042
9	3/4/2024	4:00PM	0.05	1.42	0.001	0.715	0.062
10	3/4/2024	5:00PM	0.05	1.42	0.001	0.945	0.082
11	3/4/2024	6:00PM	0.06	1.42	0.001	1.174	0.101
12	3/4/2024	7:00PM	0.06	1.42	0.001	1.404	0.121
13	3/4/2024	8:00PM	0.07	1.42	0.002	1.633	0.141
14	3/4/2024	9:00PM	0.07	1.42	0.002	1.863	0.161
15	3/4/2024	10:00PM	0.07	1.42	0.002	1.633	0.141
16	3/4/2024	11:00PM	0.06	1.42	0.001	1.404	0.121
17	3/4/2024	12:00AM	0.06	1.42	0.001	1.174	0.101
18	4/4/2024	1:00AM	0.05	1.42	0.001	0.945	0.082
19	4/4/2024	2:00AM	0.05	1.42	0.001	0.715	0.062
20	4/4/2024	3:00AM	0.04	1.42	0.000	0.486	0.042
21	4/4/2024	4:00AM	0.05	1.42	0.001	0.715	0.062
22	4/4/2024	5:00AM	0.05	1.42	0.001	0.945	0.082
23	4/4/2024	6:00AM	0.06	1.42	0.001	1.174	0.101
24	4/4/2024	7:00AM	0.06	1.42	0.001	1.404	0.121
AVERAGE					0.001	1.174	0.101



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain C			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.07	1.42	0.002	1.695	0.146
2	4/4/2024	9:00AM	0.07	1.42	0.002	1.944	0.168
3	4/4/2024	10:00AM	0.07	1.42	0.002	1.695	0.146
4	4/4/2024	11:00AM	0.06	1.42	0.001	1.446	0.125
5	4/4/2024	12:00	0.06	1.42	0.001	1.197	0.103
6	4/4/2024	1:00PM	0.05	1.42	0.001	0.949	0.082
7	4/4/2024	2:00PM	0.05	1.42	0.001	0.700	0.060
8	4/4/2024	3:00PM	0.04	1.42	0.000	0.451	0.039
9	4/4/2024	4:00PM	0.05	1.42	0.001	0.700	0.060
10	4/4/2024	5:00PM	0.05	1.42	0.001	0.949	0.082
11	4/4/2024	6:00PM	0.06	1.42	0.001	1.197	0.103
12	4/4/2024	7:00PM	0.06	1.42	0.001	1.446	0.125
13	4/4/2024	8:00PM	0.07	1.42	0.002	1.695	0.146
14	4/4/2024	9:00PM	0.07	1.42	0.002	1.944	0.168
15	4/4/2024	10:00PM	0.07	1.42	0.002	1.695	0.146
16	4/4/2024	11:00PM	0.06	1.42	0.001	1.446	0.125
17	4/4/2024	12:00AM	0.06	1.42	0.001	1.197	0.103
18	5/4/2024	1:00AM	0.05	1.42	0.001	0.949	0.082
19	5/4/2024	2:00AM	0.05	1.42	0.001	0.700	0.060
20	5/4/2024	3:00AM	0.04	1.42	0.000	0.451	0.039
21	5/4/2024	4:00AM	0.05	1.42	0.001	0.700	0.060
22	5/4/2024	5:00AM	0.05	1.42	0.001	0.949	0.082
23	5/4/2024	6:00AM	0.06	1.42	0.001	1.197	0.103
24	5/4/2024	7:00AM	0.06	1.42	0.001	1.446	0.125
AVERAGE					0.001	1.197	0.103

अधिशासी अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain C			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.07	1.42	0.002	1.581	0.137
2	5/4/2024	9:00AM	0.07	1.42	0.002	1.805	0.156
3	5/4/2024	10:00AM	0.07	1.42	0.002	1.581	0.137
4	5/4/2024	11:00AM	0.06	1.42	0.001	1.358	0.117
5	5/4/2024	12:00	0.06	1.42	0.001	1.134	0.098
6	5/4/2024	1:00PM	0.05	1.42	0.001	0.910	0.079
7	5/4/2024	2:00PM	0.05	1.42	0.001	0.686	0.059
8	5/4/2024	3:00PM	0.04	1.42	0.000	0.463	0.040
9	5/4/2024	4:00PM	0.05	1.42	0.001	0.686	0.059
10	5/4/2024	5:00PM	0.05	1.42	0.001	0.910	0.079
11	5/4/2024	6:00PM	0.06	1.42	0.001	1.134	0.098
12	5/4/2024	7:00PM	0.06	1.42	0.001	1.358	0.117
13	5/4/2024	8:00PM	0.07	1.42	0.002	1.581	0.137
14	5/4/2024	9:00PM	0.07	1.42	0.002	1.805	0.156
15	5/4/2024	10:00PM	0.07	1.42	0.002	1.581	0.137
16	5/4/2024	11:00PM	0.06	1.42	0.001	1.358	0.117
17	5/4/2024	12:00AM	0.06	1.42	0.001	1.134	0.098
18	6/4/2024	1:00AM	0.05	1.42	0.001	0.910	0.079
19	6/4/2024	2:00AM	0.05	1.42	0.001	0.686	0.059
20	6/4/2024	3:00AM	0.04	1.42	0.000	0.463	0.040
21	6/4/2024	4:00AM	0.05	1.42	0.001	0.686	0.059
22	6/4/2024	5:00AM	0.05	1.42	0.001	0.910	0.079
23	6/4/2024	6:00AM	0.06	1.42	0.001	1.134	0.098
24	6/4/2024	7:00AM	0.06	1.42	0.001	1.358	0.117
AVERAGE					0.001	1.134	0.098

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain C			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.07	1.42	0.002	1.616	0.140
2	6/4/2024	9:00AM	0.07	1.42	0.002	1.851	0.160
3	6/4/2024	10:00AM	0.07	1.42	0.002	1.616	0.140
4	6/4/2024	11:00AM	0.06	1.42	0.001	1.381	0.119
5	6/4/2024	12:00	0.06	1.42	0.001	1.145	0.099
6	6/4/2024	1:00PM	0.05	1.42	0.001	0.910	0.079
7	6/4/2024	2:00PM	0.05	1.42	0.001	0.675	0.058
8	6/4/2024	3:00PM	0.04	1.42	0.000	0.440	0.038
9	6/4/2024	4:00PM	0.05	1.42	0.001	0.675	0.058
10	6/4/2024	5:00PM	0.05	1.42	0.001	0.910	0.079
11	6/4/2024	6:00PM	0.06	1.42	0.001	1.145	0.099
12	6/4/2024	7:00PM	0.06	1.42	0.001	1.381	0.119
13	6/4/2024	8:00PM	0.07	1.42	0.002	1.616	0.140
14	6/4/2024	9:00PM	0.07	1.42	0.002	1.851	0.160
15	6/4/2024	10:00PM	0.07	1.42	0.002	1.616	0.140
16	6/4/2024	11:00PM	0.06	1.42	0.001	1.381	0.119
17	6/4/2024	12:00AM	0.06	1.42	0.001	1.145	0.099
18	7/4/2024	1:00AM	0.05	1.42	0.001	0.910	0.079
19	7/4/2024	2:00AM	0.05	1.42	0.001	0.675	0.058
20	7/4/2024	3:00AM	0.04	1.42	0.000	0.440	0.038
21	7/4/2024	4:00AM	0.05	1.42	0.001	0.675	0.058
22	7/4/2024	5:00AM	0.05	1.42	0.001	0.910	0.079
23	7/4/2024	6:00AM	0.06	1.42	0.001	1.145	0.099
24	7/4/2024	7:00AM	0.06	1.42	0.001	1.381	0.119
AVERAGE					0.001	1.145	0.099

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain C			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.07	1.42	0.002	1.577	0.136
2	7/4/2024	9:00AM	0.07	1.42	0.002	1.759	0.152
3	7/4/2024	10:00AM	0.07	1.42	0.002	1.577	0.136
4	7/4/2024	11:00AM	0.06	1.42	0.001	1.396	0.121
5	7/4/2024	12:00	0.06	1.42	0.001	1.215	0.105
6	7/4/2024	1:00PM	0.06	1.42	0.001	1.034	0.089
7	7/4/2024	2:00PM	0.05	1.42	0.001	0.852	0.074
8	7/4/2024	3:00PM	0.05	1.42	0.001	0.671	0.058
9	7/4/2024	4:00PM	0.05	1.42	0.001	0.852	0.074
10	7/4/2024	5:00PM	0.06	1.42	0.001	1.034	0.089
11	7/4/2024	6:00PM	0.06	1.42	0.001	1.215	0.105
12	7/4/2024	7:00PM	0.06	1.42	0.001	1.396	0.121
13	7/4/2024	8:00PM	0.07	1.42	0.002	1.577	0.136
14	7/4/2024	9:00PM	0.07	1.42	0.002	1.759	0.152
15	7/4/2024	10:00PM	0.07	1.42	0.002	1.577	0.136
16	7/4/2024	11:00PM	0.06	1.42	0.001	1.396	0.121
17	7/4/2024	12:00AM	0.06	1.42	0.001	1.215	0.105
18	8/4/2024	1:00AM	0.06	1.42	0.001	1.034	0.089
19	8/4/2024	2:00AM	0.05	1.42	0.001	0.852	0.074
20	8/4/2024	3:00AM	0.05	1.42	0.001	0.671	0.058
21	8/4/2024	4:00AM	0.05	1.42	0.001	0.852	0.074
22	8/4/2024	5:00AM	0.06	1.42	0.001	1.034	0.089
23	8/4/2024	6:00AM	0.06	1.42	0.001	1.215	0.105
24	8/4/2024	7:00AM	0.06	1.42	0.001	1.396	0.121
AVERAGE					0.001	1.215	0.105

कार्यपालन अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Small Drain C			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.07	1.42	0.002	1.620	0.140
2	8/4/2024	9:00AM	0.07	1.42	0.002	1.863	0.161
3	8/4/2024	10:00AM	0.07	1.42	0.002	1.620	0.140
4	8/4/2024	11:00AM	0.06	1.42	0.001	1.377	0.119
5	8/4/2024	12:00	0.06	1.42	0.001	1.134	0.098
6	8/4/2024	1:00PM	0.05	1.42	0.001	0.891	0.077
7	8/4/2024	2:00PM	0.05	1.42	0.001	0.648	0.056
8	8/4/2024	3:00PM	0.04	1.42	0.000	0.405	0.035
9	8/4/2024	4:00PM	0.05	1.42	0.001	0.648	0.056
10	8/4/2024	5:00PM	0.05	1.42	0.001	0.891	0.077
11	8/4/2024	6:00PM	0.06	1.42	0.001	1.134	0.098
12	8/4/2024	7:00PM	0.06	1.42	0.001	1.377	0.119
13	8/4/2024	8:00PM	0.07	1.42	0.002	1.620	0.140
14	8/4/2024	9:00PM	0.07	1.42	0.002	1.863	0.161
15	8/4/2024	10:00PM	0.07	1.42	0.002	1.620	0.140
16	8/4/2024	11:00PM	0.06	1.42	0.001	1.377	0.119
17	8/4/2024	12:00AM	0.06	1.42	0.001	1.134	0.098
18	9/4/2024	1:00AM	0.05	1.42	0.001	0.891	0.077
19	9/4/2024	2:00AM	0.05	1.42	0.001	0.648	0.056
20	9/4/2024	3:00AM	0.04	1.42	0.000	0.405	0.035
21	9/4/2024	4:00AM	0.05	1.42	0.001	0.648	0.056
22	9/4/2024	5:00AM	0.05	1.42	0.001	0.891	0.077
23	9/4/2024	6:00AM	0.06	1.42	0.001	1.134	0.098
24	9/4/2024	7:00AM	0.06	1.42	0.001	1.377	0.119
AVERAGE					0.001	1.134	0.098

परियोजना अभियन्ता
नगर निगम प्रयागराज

Average Discharge of 7 Days Flow Measurement				
Drain Name			Gokula Drain	
Drain No.			1	
Formula			$Q= 1.42\ H^{2.5}$	
g= 9.806 m/Sec2			θ= 90°	
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.014	14.115	1.220
2	Day 2	0.014	14.398	1.244
3	Day 3	0.015	14.609	1.262
4	Day 4	0.014	13.833	1.195
5	Day 5	0.014	13.974	1.207
6	Day 6	0.015	14.821	1.281
7	Day 7	0.013	13.057	1.128
AVERAGE		**0.014**	**14.115**	**1.220**



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Gokula Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.18	1.42	0.020	19.762	1.707
2	2/4/2024	9:00AM	0.19	1.42	0.023	22.585	1.951
3	2/4/2024	10:00AM	0.18	1.42	0.020	19.762	1.707
4	2/4/2024	11:00AM	0.17	1.42	0.017	16.938	1.463
5	2/4/2024	12:00:00	0.16	1.42	0.014	14.115	1.220
6	2/4/2024	1:00PM	0.14	1.42	0.011	11.292	0.976
7	2/4/2024	2:00PM	0.13	1.42	0.008	8.469	0.732
8	2/4/2024	3:00PM	0.11	1.42	0.006	5.646	0.488
9	2/4/2024	4:00PM	0.13	1.42	0.008	8.469	0.732
10	2/4/2024	5:00PM	0.14	1.42	0.011	11.292	0.976
11	2/4/2024	6:00PM	0.16	1.42	0.014	14.115	1.220
12	2/4/2024	7:00PM	0.17	1.42	0.017	16.938	1.463
13	2/4/2024	8:00PM	0.18	1.42	0.020	19.762	1.707
14	2/4/2024	9:00PM	0.19	1.42	0.023	22.585	1.951
15	2/4/2024	10:00PM	0.18	1.42	0.020	19.762	1.707
16	2/4/2024	11:00PM	0.17	1.42	0.017	16.938	1.463
17	2/4/2024	12:00AM	0.16	1.42	0.014	14.115	1.220
18	3/4/2024	1:00AM	0.14	1.42	0.011	11.292	0.976
19	3/4/2024	2:00AM	0.13	1.42	0.008	8.469	0.732
20	3/4/2024	3:00AM	0.11	1.42	0.006	5.646	0.488
21	3/4/2024	4:00AM	0.13	1.42	0.008	8.469	0.732
22	3/4/2024	5:00AM	0.14	1.42	0.011	11.292	0.976
23	3/4/2024	6:00AM	0.16	1.42	0.014	14.115	1.220
24	3/4/2024	7:00AM	0.17	1.42	0.017	16.938	1.463
AVERAGE					0.014	14.115	1.220



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Gokula Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.18	1.42	0.020	19.856	1.716
2	3/4/2024	9:00AM	0.19	1.42	0.023	22.585	1.951
3	3/4/2024	10:00AM	0.18	1.42	0.020	19.856	1.716
4	3/4/2024	11:00AM	0.17	1.42	0.017	17.127	1.480
5	3/4/2024	12:00	0.16	1.42	0.014	14.398	1.244
6	3/4/2024	1:00PM	0.15	1.42	0.012	11.669	1.008
7	3/4/2024	2:00PM	0.13	1.42	0.009	8.940	0.772
8	3/4/2024	3:00PM	0.11	1.42	0.006	6.211	0.537
9	3/4/2024	4:00PM	0.13	1.42	0.009	8.940	0.772
10	3/4/2024	5:00PM	0.15	1.42	0.012	11.669	1.008
11	3/4/2024	6:00PM	0.16	1.42	0.014	14.398	1.244
12	3/4/2024	7:00PM	0.17	1.42	0.017	17.127	1.480
13	3/4/2024	8:00PM	0.18	1.42	0.020	19.856	1.716
14	3/4/2024	9:00PM	0.19	1.42	0.023	22.585	1.951
15	3/4/2024	10:00PM	0.18	1.42	0.020	19.856	1.716
16	3/4/2024	11:00PM	0.17	1.42	0.017	17.127	1.480
17	3/4/2024	12:00AM	0.16	1.42	0.014	14.398	1.244
18	4/4/2024	1:00AM	0.15	1.42	0.012	11.669	1.008
19	4/4/2024	2:00AM	0.13	1.42	0.009	8.940	0.772
20	4/4/2024	3:00AM	0.11	1.42	0.006	6.211	0.537
21	4/4/2024	4:00AM	0.13	1.42	0.009	8.940	0.772
22	4/4/2024	5:00AM	0.15	1.42	0.012	11.669	1.008
23	4/4/2024	6:00AM	0.16	1.42	0.014	14.398	1.244
24	4/4/2024	7:00AM	0.17	1.42	0.017	17.127	1.480
AVERAGE					0.014	14.398	1.244

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Gokula Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.18	1.42	0.021	20.679	1.787
2	4/4/2024	9:00AM	0.19	1.42	0.024	23.714	2.049
3	4/4/2024	10:00AM	0.18	1.42	0.021	20.679	1.787
4	4/4/2024	11:00AM	0.17	1.42	0.018	17.644	1.524
5	4/4/2024	12:00	0.16	1.42	0.015	14.609	1.262
6	4/4/2024	1:00PM	0.15	1.42	0.012	11.575	1.000
7	4/4/2024	2:00PM	0.13	1.42	0.009	8.540	0.738
8	4/4/2024	3:00PM	0.11	1.42	0.006	5.505	0.476
9	4/4/2024	4:00PM	0.13	1.42	0.009	8.540	0.738
10	4/4/2024	5:00PM	0.15	1.42	0.012	11.575	1.000
11	4/4/2024	6:00PM	0.16	1.42	0.015	14.609	1.262
12	4/4/2024	7:00PM	0.17	1.42	0.018	17.644	1.524
13	4/4/2024	8:00PM	0.18	1.42	0.021	20.679	1.787
14	4/4/2024	9:00PM	0.19	1.42	0.024	23.714	2.049
15	4/4/2024	10:00PM	0.18	1.42	0.021	20.679	1.787
16	4/4/2024	11:00PM	0.17	1.42	0.018	17.644	1.524
17	4/4/2024	12:00AM	0.16	1.42	0.015	14.609	1.262
18	5/4/2024	1:00AM	0.15	1.42	0.012	11.575	1.000
19	5/4/2024	2:00AM	0.13	1.42	0.009	8.540	0.738
20	5/4/2024	3:00AM	0.11	1.42	0.006	5.505	0.476
21	5/4/2024	4:00AM	0.13	1.42	0.009	8.540	0.738
22	5/4/2024	5:00AM	0.15	1.42	0.012	11.575	1.000
23	5/4/2024	6:00AM	0.16	1.42	0.015	14.609	1.262
24	5/4/2024	7:00AM	0.17	1.42	0.018	17.644	1.524
AVERAGE					0.015	14.609	1.262

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Gokula Drain			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.18	1.42	0.019	19.291	1.667
2	5/4/2024	9:00AM	0.19	1.42	0.022	22.020	1.903
3	5/4/2024	10:00AM	0.18	1.42	0.019	19.291	1.667
4	5/4/2024	11:00AM	0.17	1.42	0.017	16.562	1.431
5	5/4/2024	12:00	0.16	1.42	0.014	13.833	1.195
6	5/4/2024	1:00PM	0.14	1.42	0.011	11.104	0.959
7	5/4/2024	2:00PM	0.13	1.42	0.008	8.375	0.724
8	5/4/2024	3:00PM	0.11	1.42	0.006	5.646	0.488
9	5/4/2024	4:00PM	0.13	1.42	0.008	8.375	0.724
10	5/4/2024	5:00PM	0.14	1.42	0.011	11.104	0.959
11	5/4/2024	6:00PM	0.16	1.42	0.014	13.833	1.195
12	5/4/2024	7:00PM	0.17	1.42	0.017	16.562	1.431
13	5/4/2024	8:00PM	0.18	1.42	0.019	19.291	1.667
14	5/4/2024	9:00PM	0.19	1.42	0.022	22.020	1.903
15	5/4/2024	10:00PM	0.18	1.42	0.019	19.291	1.667
16	5/4/2024	11:00PM	0.17	1.42	0.017	16.562	1.431
17	5/4/2024	12:00AM	0.16	1.42	0.014	13.833	1.195
18	6/4/2024	1:00AM	0.14	1.42	0.011	11.104	0.959
19	6/4/2024	2:00AM	0.13	1.42	0.008	8.375	0.724
20	6/4/2024	3:00AM	0.11	1.42	0.006	5.646	0.488
21	6/4/2024	4:00AM	0.13	1.42	0.008	8.375	0.724
22	6/4/2024	5:00AM	0.14	1.42	0.011	11.104	0.959
23	6/4/2024	6:00AM	0.16	1.42	0.014	13.833	1.195
24	6/4/2024	7:00AM	0.17	1.42	0.017	16.562	1.431
AVERAGE					0.014	13.833	1.195

परियोजना अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Gokula Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.18	1.42	0.020	19.715	1.703
2	6/4/2024	9:00AM	0.19	1.42	0.023	22.585	1.951
3	6/4/2024	10:00AM	0.18	1.42	0.020	19.715	1.703
4	6/4/2024	11:00AM	0.17	1.42	0.017	16.844	1.455
5	6/4/2024	12:00	0.16	1.42	0.014	13.974	1.207
6	6/4/2024	1:00PM	0.14	1.42	0.011	11.104	0.959
7	6/4/2024	2:00PM	0.13	1.42	0.008	8.234	0.711
8	6/4/2024	3:00PM	0.11	1.42	0.005	5.364	0.463
9	6/4/2024	4:00PM	0.13	1.42	0.008	8.234	0.711
10	6/4/2024	5:00PM	0.14	1.42	0.011	11.104	0.959
11	6/4/2024	6:00PM	0.16	1.42	0.014	13.974	1.207
12	6/4/2024	7:00PM	0.17	1.42	0.017	16.844	1.455
13	6/4/2024	8:00PM	0.18	1.42	0.020	19.715	1.703
14	6/4/2024	9:00PM	0.19	1.42	0.023	22.585	1.951
15	6/4/2024	10:00PM	0.18	1.42	0.020	19.715	1.703
16	6/4/2024	11:00PM	0.17	1.42	0.017	16.844	1.455
17	6/4/2024	12:00AM	0.16	1.42	0.014	13.974	1.207
18	7/4/2024	1:00AM	0.14	1.42	0.011	11.104	0.959
19	7/4/2024	2:00AM	0.13	1.42	0.008	8.234	0.711
20	7/4/2024	3:00AM	0.11	1.42	0.005	5.364	0.463
21	7/4/2024	4:00AM	0.13	1.42	0.008	8.234	0.711
22	7/4/2024	5:00AM	0.14	1.42	0.011	11.104	0.959
23	7/4/2024	6:00AM	0.16	1.42	0.014	13.974	1.207
24	7/4/2024	7:00AM	0.17	1.42	0.017	16.844	1.455
AVERAGE					0.014	13.974	1.207

कार्यपालन अभियन्ता

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Gokula Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.18	1.42	0.019	19.244	1.663
2	7/4/2024	9:00AM	0.19	1.42	0.021	21.455	1.854
3	7/4/2024	10:00AM	0.18	1.42	0.019	19.244	1.663
4	7/4/2024	11:00AM	0.17	1.42	0.017	17.033	1.472
5	7/4/2024	12:00	0.16	1.42	0.015	14.821	1.281
6	7/4/2024	1:00PM	0.15	1.42	0.013	12.610	1.089
7	7/4/2024	2:00PM	0.14	1.42	0.010	10.398	0.898
8	7/4/2024	3:00PM	0.13	1.42	0.008	8.187	0.707
9	7/4/2024	4:00PM	0.14	1.42	0.010	10.398	0.898
10	7/4/2024	5:00PM	0.15	1.42	0.013	12.610	1.089
11	7/4/2024	6:00PM	0.16	1.42	0.015	14.821	1.281
12	7/4/2024	7:00PM	0.17	1.42	0.017	17.033	1.472
13	7/4/2024	8:00PM	0.18	1.42	0.019	19.244	1.663
14	7/4/2024	9:00PM	0.19	1.42	0.021	21.455	1.854
15	7/4/2024	10:00PM	0.18	1.42	0.019	19.244	1.663
16	7/4/2024	11:00PM	0.17	1.42	0.017	17.033	1.472
17	7/4/2024	12:00AM	0.16	1.42	0.015	14.821	1.281
18	8/4/2024	1:00AM	0.15	1.42	0.013	12.610	1.089
19	8/4/2024	2:00AM	0.14	1.42	0.010	10.398	0.898
20	8/4/2024	3:00AM	0.13	1.42	0.008	8.187	0.707
21	8/4/2024	4:00AM	0.14	1.42	0.010	10.398	0.898
22	8/4/2024	5:00AM	0.15	1.42	0.013	12.610	1.089
23	8/4/2024	6:00AM	0.16	1.42	0.015	14.821	1.281
24	8/4/2024	7:00AM	0.17	1.42	0.017	17.033	1.472
AVERAGE					0.015	14.821	1.281

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Gokula Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.18	1.42	0.018	18.468	1.596
2	8/4/2024	9:00AM	0.19	1.42	0.021	21.173	1.829
3	8/4/2024	10:00AM	0.18	1.42	0.018	18.468	1.596
4	8/4/2024	11:00AM	0.17	1.42	0.016	15.762	1.362
5	8/4/2024	12:00	0.15	1.42	0.013	13.057	1.128
6	8/4/2024	1:00PM	0.14	1.42	0.010	10.351	0.894
7	8/4/2024	2:00PM	0.12	1.42	0.008	7.646	0.661
8	8/4/2024	3:00PM	0.10	1.42	0.005	4.940	0.427
9	8/4/2024	4:00PM	0.12	1.42	0.008	7.646	0.661
10	8/4/2024	5:00PM	0.14	1.42	0.010	10.351	0.894
11	8/4/2024	6:00PM	0.15	1.42	0.013	13.057	1.128
12	8/4/2024	7:00PM	0.17	1.42	0.016	15.762	1.362
13	8/4/2024	8:00PM	0.18	1.42	0.018	18.468	1.596
14	8/4/2024	9:00PM	0.19	1.42	0.021	21.173	1.829
15	8/4/2024	10:00PM	0.18	1.42	0.018	18.468	1.596
16	8/4/2024	11:00PM	0.17	1.42	0.016	15.762	1.362
17	8/4/2024	12:00AM	0.15	1.42	0.013	13.057	1.128
18	9/4/2024	1:00AM	0.14	1.42	0.010	10.351	0.894
19	9/4/2024	2:00AM	0.12	1.42	0.008	7.646	0.661
20	9/4/2024	3:00AM	0.10	1.42	0.005	4.940	0.427
21	9/4/2024	4:00AM	0.12	1.42	0.008	7.646	0.661
22	9/4/2024	5:00AM	0.14	1.42	0.010	10.351	0.894
23	9/4/2024	6:00AM	0.15	1.42	0.013	13.057	1.128
24	9/4/2024	7:00AM	0.17	1.42	0.016	15.762	1.362
AVERAGE					0.013	13.057	1.128

कार्यपालन अभियन्ता

Average Discharge of 7 Days Flow Measurement				
Drain Name			Baswar Drain	
Drain No.			1	
Formula			$Q= 1.42\ H^{2.5}$	
g= 9.806 m/Sec2			θ= 90°	
Sr. No.	Day	Discharge Q		
		In m3/s	In LPS	In MLD
1	Day 1	0.002	1.967	0.170
2	Day 2	0.002	2.006	0.173
3	Day 3	0.002	2.036	0.176
4	Day 4	0.002	1.928	0.167
5	Day 5	0.002	1.947	0.168
6	Day 6	0.002	2.065	0.178
7	Day 7	0.002	1.819	0.157
AVERAGE		**0.002**	**1.967**	**0.170**

पर्यावरण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baswar Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	2/4/2024	8:00AM	0.08	1.42	0.003	2.754	0.238
2	2/4/2024	9:00AM	0.09	1.42	0.003	3.147	0.272
3	2/4/2024	10:00AM	0.08	1.42	0.003	2.754	0.238
4	2/4/2024	11:00AM	0.08	1.42	0.002	2.360	0.204
5	2/4/2024	12:00:00	0.07	1.42	0.002	1.967	0.170
6	2/4/2024	1:00PM	0.07	1.42	0.002	1.574	0.136
7	2/4/2024	2:00PM	0.06	1.42	0.001	1.180	0.102
8	2/4/2024	3:00PM	0.05	1.42	0.001	0.787	0.068
9	2/4/2024	4:00PM	0.06	1.42	0.001	1.180	0.102
10	2/4/2024	5:00PM	0.07	1.42	0.002	1.574	0.136
11	2/4/2024	6:00PM	0.07	1.42	0.002	1.967	0.170
12	2/4/2024	7:00PM	0.08	1.42	0.002	2.360	0.204
13	2/4/2024	8:00PM	0.08	1.42	0.003	2.754	0.238
14	2/4/2024	9:00PM	0.09	1.42	0.003	3.147	0.272
15	2/4/2024	10:00PM	0.08	1.42	0.003	2.754	0.238
16	2/4/2024	11:00PM	0.08	1.42	0.002	2.360	0.204
17	2/4/2024	12:00AM	0.07	1.42	0.002	1.967	0.170
18	3/4/2024	1:00AM	0.07	1.42	0.002	1.574	0.136
19	3/4/2024	2:00AM	0.06	1.42	0.001	1.180	0.102
20	3/4/2024	3:00AM	0.05	1.42	0.001	0.787	0.068
21	3/4/2024	4:00AM	0.06	1.42	0.001	1.180	0.102
22	3/4/2024	5:00AM	0.07	1.42	0.002	1.574	0.136
23	3/4/2024	6:00AM	0.07	1.42	0.002	1.967	0.170
24	3/4/2024	7:00AM	0.08	1.42	0.002	2.360	0.204
AVERAGE					0.002	1.967	0.170

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baswar Drain			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	3/4/2024	8:00AM	0.08	1.42	0.003	2.767	0.239
2	3/4/2024	9:00AM	0.09	1.42	0.003	3.147	0.272
3	3/4/2024	10:00AM	0.08	1.42	0.003	2.767	0.239
4	3/4/2024	11:00AM	0.08	1.42	0.002	2.387	0.206
5	3/4/2024	12:00	0.07	1.42	0.002	2.006	0.173
6	3/4/2024	1:00PM	0.07	1.42	0.002	1.626	0.140
7	3/4/2024	2:00PM	0.06	1.42	0.001	1.246	0.108
8	3/4/2024	3:00PM	0.05	1.42	0.001	0.865	0.075
9	3/4/2024	4:00PM	0.06	1.42	0.001	1.246	0.108
10	3/4/2024	5:00PM	0.07	1.42	0.002	1.626	0.140
11	3/4/2024	6:00PM	0.07	1.42	0.002	2.006	0.173
12	3/4/2024	7:00PM	0.08	1.42	0.002	2.387	0.206
13	3/4/2024	8:00PM	0.08	1.42	0.003	2.767	0.239
14	3/4/2024	9:00PM	0.09	1.42	0.003	3.147	0.272
15	3/4/2024	10:00PM	0.08	1.42	0.003	2.767	0.239
16	3/4/2024	11:00PM	0.08	1.42	0.002	2.387	0.206
17	3/4/2024	12:00AM	0.07	1.42	0.002	2.006	0.173
18	4/4/2024	1:00AM	0.07	1.42	0.002	1.626	0.140
19	4/4/2024	2:00AM	0.06	1.42	0.001	1.246	0.108
20	4/4/2024	3:00AM	0.05	1.42	0.001	0.865	0.075
21	4/4/2024	4:00AM	0.06	1.42	0.001	1.246	0.108
22	4/4/2024	5:00AM	0.07	1.42	0.002	1.626	0.140
23	4/4/2024	6:00AM	0.07	1.42	0.002	2.006	0.173
24	4/4/2024	7:00AM	0.08	1.42	0.002	2.387	0.206
AVERAGE					0.002	2.006	0.173

पर्यवेक्षण अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baswar Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	4/4/2024	8:00AM	0.08	1.42	0.003	2.882	0.249
2	4/4/2024	9:00AM	0.09	1.42	0.003	3.304	0.286
3	4/4/2024	10:00AM	0.08	1.42	0.003	2.882	0.249
4	4/4/2024	11:00AM	0.08	1.42	0.002	2.459	0.212
5	4/4/2024	12:00	0.07	1.42	0.002	2.036	0.176
6	4/4/2024	1:00PM	0.07	1.42	0.002	1.613	0.139
7	4/4/2024	2:00PM	0.06	1.42	0.001	1.190	0.103
8	4/4/2024	3:00PM	0.05	1.42	0.001	0.767	0.066
9	4/4/2024	4:00PM	0.06	1.42	0.001	1.190	0.103
10	4/4/2024	5:00PM	0.07	1.42	0.002	1.613	0.139
11	4/4/2024	6:00PM	0.07	1.42	0.002	2.036	0.176
12	4/4/2024	7:00PM	0.08	1.42	0.002	2.459	0.212
13	4/4/2024	8:00PM	0.08	1.42	0.003	2.882	0.249
14	4/4/2024	9:00PM	0.09	1.42	0.003	3.304	0.286
15	4/4/2024	10:00PM	0.08	1.42	0.003	2.882	0.249
16	4/4/2024	11:00PM	0.08	1.42	0.002	2.459	0.212
17	4/4/2024	12:00AM	0.07	1.42	0.002	2.036	0.176
18	5/4/2024	1:00AM	0.07	1.42	0.002	1.613	0.139
19	5/4/2024	2:00AM	0.06	1.42	0.001	1.190	0.103
20	5/4/2024	3:00AM	0.05	1.42	0.001	0.767	0.066
21	5/4/2024	4:00AM	0.06	1.42	0.001	1.190	0.103
22	5/4/2024	5:00AM	0.07	1.42	0.002	1.613	0.139
23	5/4/2024	6:00AM	0.07	1.42	0.002	2.036	0.176
24	5/4/2024	7:00AM	0.08	1.42	0.002	2.459	0.212
AVERAGE					0.002	2.036	0.176

परियोजना अभियन्ता
नगर निगम, प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baswar Drain			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	5/4/2024	8:00AM	0.08	1.42	0.003	2.688	0.232
2	5/4/2024	9:00AM	0.09	1.42	0.003	3.068	0.265
3	5/4/2024	10:00AM	0.08	1.42	0.003	2.688	0.232
4	5/4/2024	11:00AM	0.08	1.42	0.002	2.308	0.199
5	5/4/2024	12:00	0.07	1.42	0.002	1.928	0.167
6	5/4/2024	1:00PM	0.07	1.42	0.002	1.547	0.134
7	5/4/2024	2:00PM	0.06	1.42	0.001	1.167	0.101
8	5/4/2024	3:00PM	0.05	1.42	0.001	0.787	0.068
9	5/4/2024	4:00PM	0.06	1.42	0.001	1.167	0.101
10	5/4/2024	5:00PM	0.07	1.42	0.002	1.547	0.134
11	5/4/2024	6:00PM	0.07	1.42	0.002	1.928	0.167
12	5/4/2024	7:00PM	0.08	1.42	0.002	2.308	0.199
13	5/4/2024	8:00PM	0.08	1.42	0.003	2.688	0.232
14	5/4/2024	9:00PM	0.09	1.42	0.003	3.068	0.265
15	5/4/2024	10:00PM	0.08	1.42	0.003	2.688	0.232
16	5/4/2024	11:00PM	0.08	1.42	0.002	2.308	0.199
17	5/4/2024	12:00AM	0.07	1.42	0.002	1.928	0.167
18	6/4/2024	1:00AM	0.07	1.42	0.002	1.547	0.134
19	6/4/2024	2:00AM	0.06	1.42	0.001	1.167	0.101
20	6/4/2024	3:00AM	0.05	1.42	0.001	0.787	0.068
21	6/4/2024	4:00AM	0.06	1.42	0.001	1.167	0.101
22	6/4/2024	5:00AM	0.07	1.42	0.002	1.547	0.134
23	6/4/2024	6:00AM	0.07	1.42	0.002	1.928	0.167
24	6/4/2024	7:00AM	0.08	1.42	0.002	2.308	0.199
AVERAGE					0.002	1.928	0.167

परियोजना अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baswar Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	6/4/2024	8:00AM	0.08	1.42	0.003	2.747	0.237
2	6/4/2024	9:00AM	0.09	1.42	0.003	3.147	0.272
3	6/4/2024	10:00AM	0.08	1.42	0.003	2.747	0.237
4	6/4/2024	11:00AM	0.08	1.42	0.002	2.347	0.203
5	6/4/2024	12:00	0.07	1.42	0.002	1.947	0.168
6	6/4/2024	1:00PM	0.07	1.42	0.002	1.547	0.134
7	6/4/2024	2:00PM	0.06	1.42	0.001	1.147	0.099
8	6/4/2024	3:00PM	0.05	1.42	0.001	0.747	0.065
9	6/4/2024	4:00PM	0.06	1.42	0.001	1.147	0.099
10	6/4/2024	5:00PM	0.07	1.42	0.002	1.547	0.134
11	6/4/2024	6:00PM	0.07	1.42	0.002	1.947	0.168
12	6/4/2024	7:00PM	0.08	1.42	0.002	2.347	0.203
13	6/4/2024	8:00PM	0.08	1.42	0.003	2.747	0.237
14	6/4/2024	9:00PM	0.09	1.42	0.003	3.147	0.272
15	6/4/2024	10:00PM	0.08	1.42	0.003	2.747	0.237
16	6/4/2024	11:00PM	0.08	1.42	0.002	2.347	0.203
17	6/4/2024	12:00AM	0.07	1.42	0.002	1.947	0.168
18	7/4/2024	1:00AM	0.07	1.42	0.002	1.547	0.134
19	7/4/2024	2:00AM	0.06	1.42	0.001	1.147	0.099
20	7/4/2024	3:00AM	0.05	1.42	0.001	0.747	0.065
21	7/4/2024	4:00AM	0.06	1.42	0.001	1.147	0.099
22	7/4/2024	5:00AM	0.07	1.42	0.002	1.547	0.134
23	7/4/2024	6:00AM	0.07	1.42	0.002	1.947	0.168
24	7/4/2024	7:00AM	0.08	1.42	0.002	2.347	0.203
AVERAGE					0.002	1.947	0.168



Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baswar Drain			
Drain No.				1			
Formula				Q= 1.42 $H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	7/4/2024	8:00AM	0.08	1.42	0.003	2.682	0.232
2	7/4/2024	9:00AM	0.08	1.42	0.003	2.990	0.258
3	7/4/2024	10:00AM	0.08	1.42	0.003	2.682	0.232
4	7/4/2024	11:00AM	0.08	1.42	0.002	2.373	0.205
5	7/4/2024	12:00	0.07	1.42	0.002	2.065	0.178
6	7/4/2024	1:00PM	0.07	1.42	0.002	1.757	0.152
7	7/4/2024	2:00PM	0.06	1.42	0.001	1.449	0.125
8	7/4/2024	3:00PM	0.06	1.42	0.001	1.141	0.099
9	7/4/2024	4:00PM	0.06	1.42	0.001	1.449	0.125
10	7/4/2024	5:00PM	0.07	1.42	0.002	1.757	0.152
11	7/4/2024	6:00PM	0.07	1.42	0.002	2.065	0.178
12	7/4/2024	7:00PM	0.08	1.42	0.002	2.373	0.205
13	7/4/2024	8:00PM	0.08	1.42	0.003	2.682	0.232
14	7/4/2024	9:00PM	0.08	1.42	0.003	2.990	0.258
15	7/4/2024	10:00PM	0.08	1.42	0.003	2.682	0.232
16	7/4/2024	11:00PM	0.08	1.42	0.002	2.373	0.205
17	7/4/2024	12:00AM	0.07	1.42	0.002	2.065	0.178
18	8/4/2024	1:00AM	0.07	1.42	0.002	1.757	0.152
19	8/4/2024	2:00AM	0.06	1.42	0.001	1.449	0.125
20	8/4/2024	3:00AM	0.06	1.42	0.001	1.141	0.099
21	8/4/2024	4:00AM	0.06	1.42	0.001	1.449	0.125
22	8/4/2024	5:00AM	0.07	1.42	0.002	1.757	0.152
23	8/4/2024	6:00AM	0.07	1.42	0.002	2.065	0.178
24	8/4/2024	7:00AM	0.08	1.42	0.002	2.373	0.205
AVERAGE					0.002	2.065	0.178

परियोजना अभियन्ता
नगर निगम प्रयागराज

Discharge Measurement Through V-Notch Weir Method							
Drain Name				Baswar Drain			
Drain No.				1			
Formula				$Q= 1.42\ H^{2.5}$			
g= 9.806 m/Sec2						θ= 90°	
Sr. No.	Date	Time	Height of water Level On V-Notch	Value of constant	Discharge Q		
		(HH-MM)	IN M	K	In m3/s	In LPS	In MLD
1	8/4/2024	8:00AM	0.08	1.42	0.003	2.573	0.222
2	8/4/2024	9:00AM	0.08	1.42	0.003	2.950	0.255
3	8/4/2024	10:00AM	0.08	1.42	0.003	2.573	0.222
4	8/4/2024	11:00AM	0.08	1.42	0.002	2.196	0.190
5	8/4/2024	12:00	0.07	1.42	0.002	1.819	0.157
6	8/4/2024	1:00PM	0.06	1.42	0.001	1.442	0.125
7	8/4/2024	2:00PM	0.06	1.42	0.001	1.065	0.092
8	8/4/2024	3:00PM	0.05	1.42	0.001	0.688	0.059
9	8/4/2024	4:00PM	0.06	1.42	0.001	1.065	0.092
10	8/4/2024	5:00PM	0.06	1.42	0.001	1.442	0.125
11	8/4/2024	6:00PM	0.07	1.42	0.002	1.819	0.157
12	8/4/2024	7:00PM	0.08	1.42	0.002	2.196	0.190
13	8/4/2024	8:00PM	0.08	1.42	0.003	2.573	0.222
14	8/4/2024	9:00PM	0.08	1.42	0.003	2.950	0.255
15	8/4/2024	10:00PM	0.08	1.42	0.003	2.573	0.222
16	8/4/2024	11:00PM	0.08	1.42	0.002	2.196	0.190
17	8/4/2024	12:00AM	0.07	1.42	0.002	1.819	0.157
18	9/4/2024	1:00AM	0.06	1.42	0.001	1.442	0.125
19	9/4/2024	2:00AM	0.06	1.42	0.001	1.065	0.092
20	9/4/2024	3:00AM	0.05	1.42	0.001	0.688	0.059
21	9/4/2024	4:00AM	0.06	1.42	0.001	1.065	0.092
22	9/4/2024	5:00AM	0.06	1.42	0.001	1.442	0.125
23	9/4/2024	6:00AM	0.07	1.42	0.002	1.819	0.157
24	9/4/2024	7:00AM	0.08	1.42	0.002	2.196	0.190
AVERAGE					0.002	1.819	0.157

अधिशासी अभियन्ता
नगर निगम, प्रयागराज

क्षेत्रीय कार्यालय, उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड
REGIONAL OFFICE, U. P. POLLUTION CONTROL BOARD

संदर्भ सं0 G00161 / NGT@A·No·310/2022/2024 दिनांक 14/05/2024

सेवा में,
जिलाधिकारी,
प्रयागराज

विषयः माननीय राष्ट्रीय हरित अधिकरण, नई दिल्ली में विचाराधीन ओ0स0–310/2022 कमलेश सिंह बनाम उ0प्र0 राज्य एवं अन्य में दिनांक 07.02.2024 को पारित आदेश के सम्बन्ध में।

महोदय,

कृपया उपरोक्त विषयक अपने पत्र संख्या 517/NGT (OA-310/2022)/02 दिनांक 23.03.2024 का सन्दर्भ ग्रहण करने का कष्ट करें (छायाप्रति संलग्न)। उकत पत्र द्वारा माननीय राष्ट्रीय हरित अधिकरण, नई दिल्ली में विचाराधीन ओ0एस0 संख्या 310/2022 कमलेश सिंह बनाम उ0प्र0 राज्य एवं अन्य में दिनांक 07.02.2024 को पारित आदेश के कम में चाही गयी आख्या पत्र के साथ संलग्न कर सादर अवलोकनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित किया जा रहा हैं।

संलग्नकः यथोपरि।

भवदीय

14/5/24
(आर0 के0 सिंह)
क्षेत्रीय अधिकारी

प्रतिलिपिः निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषितः–

1. मेलाधिकारी, प्रयागराज मेला प्राधिकरण, प्रयागराज।
2. मुख्य पर्यावरण अधिकारी, वृत्त–2, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, लखनऊ।
3. परियोजना प्रबन्धक, गंगा प्रदूषण नियंत्रण इकाई, उ0प्र0 जल निगम (ग्रामीण), प्रयागराज।

क्षेत्रीय अधिकारी

आवास विकास परिषद कालोनी, सेक्टर–10, योजना संख्या–3, झूँसी, प्रयागराज – 211019
Avas Vikas Parishad Colony, Sector-10, Scheme No. 3, Jhusi, Prayagraj-211019
दूरभाषः/Ph.: 0532–2569727, ई–मेल/E-Mail: roprayagraj@uppcb.in

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Peak Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	घाघर नाला 1–ए	02.04.2024	65	7.11	0.0	76	116
2	घाघर नाला 1–ए1	02.04.2024	60	7.10	0.0	70	97
3	घाघर नाला 1–बी	02.04.2024	60	7.14	0.0	72	100
4	ककरहा घाट नाला	02.04.2024	70	7.02	0.0	68	120
5	पीपल घाट नाला	02.04.2024	70	7.18	0.0	66	127
6	जोगी घाट नाला	02.04.2024	65	7.14	0.0	76	106
7	बलुआ घाट जे0सी0सी0 बैकसाइड	02.04.2024	70	7.19	0.0	78	124
8	ड्रेन नियर चाचर नाला / बरगद घाट मीरापुर	02.04.2024	60	7.21	0.0	72	102

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O -		TSS 100 mg/l Maximum

Analyzed by

Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Peak Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	शंकर घाट नाला	02.04.2024	70	7.19	0.0	72	97
2	शंकर घाट नाला	02.04.2024	65	7.21	0.0	70	84
3	'शंकर घाट कालोनी नाला	02.04.2024	60	7.06	0.0	64	90
4	राजापुर नाला	02.04.2024	70	7.09	0.0	70	88
5	जोंधवल नाला	02.04.2024	75	7.11	0.0	64	101
6	ए0डी0ए0 कालोनी नाला	02.04.2024	65	7.06	0.0	70	94
7	इन्दिरा आवास नाला	02.04.2024	75	7.09	0.0	62	102
8	सदर बाजार नाला	02.04.2024	60	7.21	0.0	66	114
9	यादवपुर नाला	02.04.2024	65	7.14	0.0	70	98
10	नेहरु पार्क नाला	02.04.2024	75	7.02	0.0	62	87
11	काशीपुर नाला	02.04.2024	60	7.11	0.0	70	120

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

8.4.24
Analyzed by

8.4.24
Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Peak Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	बसवार नाला	03.04.2024	65	7.18	0.0	76	120
2	महेवा पासी टोला नाला 1	03.04.2024	70	7.24	0.0	80	100
3	महेवा पासी टोला नाला 2	03.04.2024	65	7.21	0.0	76	98
4	महेवा पासी टोला नाला 3	03.04.2024	70	7.39	0.0	82	106
5	महेवा पासी टोला नाला 4	03.04.2024	55	7.22	0.0	79	96
6	महेवा पासी टोला नाला 5	03.04.2024	65	7.21	0.0	76	79
7	3 स्माल ड्रेन नियर महेवा घाट	03.04.2024	70	7.36	0.0	78	105
8	गोकुला नाल	03.04.2024	65	7.22	0.0	81	97

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O -		TSS 100 mg/l Maximum

Ankita Mishra 9.4.24.
Analyzed by

9.4.24.
Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Peak Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	शिवकुटी नाला नं0–1	03.04.2024	55	7.24	0.0	72	98
2	शिवकुटी नाला नं0–2	03.04.2024	65	7.39	0.2	66	90
3	शिवकुटी नाला नं0–3	03.04.2024	70	7.16	0.0	68	96
4	शिवकुटी नाला नं0–5	03.04.2024	65	7.37	0.0	76	106
5	शिवकुटी नाला नं0–6	03.04.2024	55	7.29	0.0	70	88
6	गोविंदपुर कालोनी नाला(पुरानी बस्ती)	03.04.2024	60	7.26	0.0	79	120
7	गोविंदपुर कालोनी नाला नं0–1	03.04.2024	65	7.22	0.4	78	100
8	गोविंदपुर कालोनी नाला नं0–2	03.04.2024	50	7.38	0.0	72	124
9	गोविंदपुर कालोनी नाला नं0–3	03.04.2024	60	7.38	0.0	78	120
10	गोविंदपुर कालोनी नाला नं0–4	03.04.2024	70	7.21	0.0	70	98
11	शिवकुटी नाला नं0–4	03.04.2024	65	7.19	0.0	70	100
12	शिवकुटी नाला नं0–7	03.04.2024	50	7.15	0.0	78	106
13	सलोरी नाला / अमिताभ बच्चन कलवर्ट	03.04.2024	50	7.24	0.0	76	100

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

Ankita Mishra 9.4.24

Analyzed by

9.4.24

Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Peak Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	घाघर नाला 1–ए	07.04.2024	70	7.21	0.0	74	105
2	घाघर नाला 1–ए1	07.04.2024	65	7.18	0.0	68	102
3	घाघर नाला 1–बी	07.04.2024	65	7.11	0.0	76	98
4	ककरहा घाट नाला	07.04.2024	55	7.15	0.0	62	116
5	पीपल घाट नाला	07.04.2024	60	7.19	0.0	78	103
6	जोगी घाट नाला	07.04.2024	65	7.09	0.0	70	110
7	बलुआ घाट जे0सी0सी0 बैकसाइड	07.04.2024	70	7.14	0.0	64	96
8	ड्रेन नियर चाचर नाला / बरगद घाट मीरापुर	07.04.2024	55	7.06	0.0	64	112

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

Analyzed by

12.4.24

Authorized Signatory

Regional Officer

441

376

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Peak Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	शंकर घाट नाला	07.04.2024	65	7.14	0.0	74	93
2	शंकर घाट नाला	07.04.2024	65	7.22	0.0	68	80
3	'शंकर घाट कालोनी नाला	07.04.2024	75	7.12	0.0	66	94
4	राजापुर नाला	07.04.2024	70	7.19	0.0	72	84
5	जोंधवल नाला	07.04.2024	65	7.24	0.0	70	95
6	ए0डी0ए0 कालोनी नाला	07.04.2024	60	7.22	0.0	66	88
7	इन्दिरा आवास नाला	07.04.2024	75	7.13	0.0	68	103
8	सदर बाजार नाला	07.04.2024	65	7.18	0.0	70	110
9	यादवपुर नाला	07.04.2024	70	7.23	0.0	64	96
10	नेहरु पार्क नाला	07.04.2024	60	7.09	0.0	66	82
11	काशीपुर नाला	07.04.2024	65	7.25	0.0	70	113

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O -		TSS 100 mg/l Maximum

Analyzed by

Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Peak Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	बसवार नाला	08.04.2024	70	7.22	0.0	76	84
2	महेवा पासी टोला नाला 1	08.04.2024	65	7.39	0.0	70	90
3	महेवा पासी टोला नाला 2	08.04.2024	50	7.20	0.0	78	96
4	महेवा पासी टोला नाला 3	08.04.2024	65	7.28	0.0	70	94
5	महेवा पासी टोला नाला 4	08.04.2024	65	7.16	0.0	79	98
6	महेवा पासी टोला नाला 5	08.04.2024	55	7.22	0.0	80	95
7	3 स्माल ड्रेन नियर महेवा घाट	08.04.2024	65	7.29	0.0	76	88
8	गोकुला नाल	08.04.2024	55	7.20	0.0	79	87

443

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

Sandeep Giri 13/4/24.
Analyzed by

13.4.24
Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Peak Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	शिवकुटी नाला नं0–1	08.04.2024	65	7.11	0.0	78	120
2	शिवकुटी नाला नं0–2	08.04.2024	65	7.19	0.0	80	100
3	शिवकुटी नाला नं0–3	08.04.2024	60	7.14	0.0	76	96
4	शिवकुटी नाला नं0–5	08.04.2024	65	7.24	0.0	74	100
5	शिवकुटी नाला नं0–6	08.04.2024	60	7.28	0.0	70	120
6	गोविंदपुर कालोनी नाला(पुरानी बस्ती)	08.04.2024	55	7.16	0.0	84	98
7	गोविंदपुर कालोनी नाला नं0–1	08.04.2024	55	7.11	0.0	76	87
8	गोविंदपुर कालोनी नाला नं0–2	08.04.2024	60	7.21	0.0	80	100
9	गोविंदपुर कालोनी नाला नं0–3	08.04.2024	65	7.39	0.0	88	94
10	गोविंदपुर कालोनी नाला नं0–4	08.04.2024	60	7.09	0.0	75	98
11	शिवकुटी नाला नं0–4	08.04.2024	65	7.18	0.0	79	94
12	शिवकुटी नाला नं0–7	08.04.2024	60	7.11	0.0	74	92
13	सलोरी नाला / अमिताभ बच्चन कलवर्ट	08.04.2024	65	7.13	0.0	80	95

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

Sandeep Giri 13/4/24

Analyzed by

13.4.24

Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Lean Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	घाघर नाला 1–ए	02.04.2024	60	7.06	0.0	70	110
2	घाघर नाला 1–ए1	02.04.2024	55	7.06	0.0	62	93
3	घाघर नाला 1–बी	02.04.2024	50	7.11	0.2	68	94
4	ककरहा घाट नाला	02.04.2024	60	6.98	0.0	60	114
5	पीपल घाट नाला	02.04.2024	65	7.15	0.3	58	123
6	जोगी घाट नाला	02.04.2024	60	7.10	0.0	70	98
7	बलुआ घाट जे0सी0सी0 बैकसाइड	02.04.2024	60	7.14	0.0	74	116
8	ड्रेन नियर चाचर नाला / बरगद घाट मीरापुर	02.04.2024	55	7.17	0.1	66	95

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

5.4.24
Analyzed by

8.4.24
Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Lean Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	शंकर घाट नाला	02.04.2024	65	7.12	0.0	62	92
2	शंकर घाट नाला	02.04.2024	55	7.19	0.0	60	81
3	'शंकर घाट कालोनी नाला	02.04.2024	55	7.02	0.3	58	82
4	राजापुर नाला	02.04.2024	65	7.04	0.0	62	84
5	जोंधवल नाला	02.04.2024	70	7.07	0.5	60	93
6	ए0डी0ए0 कालोनी नाला	02.04.2024	55	7.03	0.0	68	92
7	इन्दिरा आवास नाला	02.04.2024	65	7.08	0.0	60	100
8	सदर बाजार नाला	02.04.2024	50	7.19	0.2	62	102
9	यादवपुर नाला	02.04.2024	60	7.11	0.0	62	94
10	नेहरु पार्क नाला	02.04.2024	65	7.01	0.1	58	83
11	काशीपुर नाला	02.04.2024	50	7.07	0.0	62	106

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

8.4.24
Analyzed by

8.4.24.
Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Lean Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंड्ड सालिड (मिग्रा0 / ली0)
1	बसवार नाला	03.04.2024	50	7.38	0.3	62	96
2	महेवा पासी टोला नाला 1	03.04.2024	60	7.36	0.0	72	84
3	महेवा पासी टोला नाला 2	03.04.2024	45	7.32	0.0	64	72
4	महेवा पासी टोला नाला 3	03.04.2024	60	7.49	0.9	72	88
5	महेवा पासी टोला नाला 4	03.04.2024	45	7.49	0.0	65	84
6	महेवा पासी टोला नाला 5	03.04.2024	60	7.41	0.6	68	64
7	3 स्माल ड्रेन नियर महेवा घाट	03.04.2024	60	7.48	0.0	64	80
8	गोकुला नाल	03.04.2024	45	7.56	0.8	65	66

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

Ankita Mishra 9.4.24
Analyzed by

9.4.24
Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Lean Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	शिवकुटी नाला नं0–1	03.04.2024	50	7.46	0.6	58	72
2	शिवकुटी नाला नं0–2	03.04.2024	50	7.48	1.0	55	64
3	शिवकुटी नाला नं0–3	03.04.2024	60	7.69	0.0	54	78
4	शिवकुटी नाला नं0–5	03.04.2024	50	7.49	0.2	58	84
5	शिवकुटी नाला नं0–6	03.04.2024	50	7.41	0.5	62	70
6	गोविंदपुर कालोनी नाला(पुरानी बस्ती)	03.04.2024	60	7.39	0.0	66	94
7	गोविंदपुर कालोनी नाला नं0–1	03.04.2024	55	7.37	0.9	65	86
8	गोविंदपुर कालोनी नाला नं0–2	03.04.2024	45	7.49	0.3	68	98
9	गोविंदपुर कालोनी नाला नं0–3	03.04.2024	50	7.49	0.6	69	90
10	गोविंदपुर कालोनी नाला नं0–4	03.04.2024	60	7.47	0.0	66	78
11	शिवकुटी नाला नं0–4	03.04.2024	50	7.40	0.2	64	84
12	शिवकुटी नाला नं0–7	03.04.2024	45	7.36	0.0	64	79
13	सलोरी नाला / अमिताभ बच्चन कलवर्ट	03.04.2024	55	7.39	0.0	62	68

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

Ankita Mishra 9.4.24

Analyzed by

9.4.24

Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Lean Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	घाघर नाला 1–ए	07.04.2024	65	7.18	0.0	70	102
2	घाघर नाला 1–ए1	07.04.2024	60	7.14	0.0	62	98
3	घाघर नाला 1–बी	07.04.2024	55	7.08	0.1	68	93
4	ककरहा घाट नाला	07.04.2024	50	7.11	0.0	58	108
5	पीपल घाट नाला	07.04.2024	50	7.13	0.2	72	96
6	जोगी घाट नाला	07.04.2024	60	7.05	0.0	62	101
7	बलुआ घाट जे0सी0सी0 बैकसाइड	07.04.2024	65	7.09	0.4	60	90
8	ड्रेन नियर चाचर नाला / बरगद घाट मीरापुर	07.04.2024	50	7.02	0.0	62	102

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

Analyzed by

Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Lean Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0 / ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0 / ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)
1	शंकर घाट नाला	07.04.2024	60	7.11	0.0	68	82
2	शंकर घाट नाला	07.04.2024	55	7.19	0.2	64	78
3	'शंकर घाट कालोनी नाला	07.04.2024	70	7.08	0.0	62	86
4	राजापुर नाला	07.04.2024	65	7.15	0.0	70	78
5	जोंधवल नाला	07.04.2024	60	7.21	0.1	68	92
6	ए0डी0ए0 कालोनी नाला	07.04.2024	55	7.19	0.0	62	80
7	इन्दिरा आवास नाला	07.04.2024	70	7.09	0.0	64	100
8	सदर बाजार नाला	07.04.2024	60	7.13	0.5	62	104
9	यादवपुर नाला	07.04.2024	65	7.18	0.0	60	90
10	नेहरु पार्क नाला	07.04.2024	55	7.06	0.2	62	78
11	काशीपुर नाला	07.04.2024	60	7.22	0.0	66	110

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

12/04/24
Analyzed by

12.4.24
Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Lean Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0/ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0/ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)
1	बसवार नाला	08.04.2024	60	7.38	0.0	67	68
2	महेवा पासी टोला नाला 1	08.04.2024	55	7.58	0.0	56	72
3	महेवा पासी टोला नाला 2	08.04.2024	50	7.38	0.2	62	88
4	महेवा पासी टोला नाला 3	08.04.2024	60	7.49	0.0	66	80
5	महेवा पासी टोला नाला 4	08.04.2024	60	7.38	0.8	68	82
6	महेवा पासी टोला नाला 5	08.04.2024	45	7.51	0.0	74	76
7	3 स्माल ड्रेन नियर महेवा घाट	08.04.2024	50	7.47	0.6	65	70
8	गोकुला नाल	08.04.2024	50	7.39	0.0	68	64

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

Sandeep Giri 13/4/24
Analyzed by

13.4.24
Authorized Signatory

Regional Officer

क्षेत्रिय कार्यालय, उ0प्र0 प्रदूषण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा कार्य योजना के अनुसार गंगा एवं नदी में मिलने वाले अनटैप्ड नालों की विश्लेषण आख्या

(Lean Hour)

क्र0सं0	नाले का नाम	नमूना एकत्रण का दिनांक	रंग (हेजन)	पी.एच.	घुलित ऑक्सीजन (मिग्रा0/ली0)	जैव–रासायनिक ऑ0 मांग (मिग्रा0/ली0) इनलेट	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)
1	शिवकुटी नाला नं0–1	08.04.2024	60	7.38	0.0	65	96
2	शिवकुटी नाला नं0–2	08.04.2024	65	7.42	0.2	64	80
3	शिवकुटी नाला नं0–3	08.04.2024	55	7.36	0.4	64	72
4	शिवकुटी नाला नं0–5	08.04.2024	60	7.49	0.0	69	78
5	शिवकुटी नाला नं0–6	08.04.2024	60	7.38	0.0	58	78
6	गोविंदपुर कालोनी नाला(पुरानी बस्ती)	08.04.2024	50	7.42	0.0	69	69
7	गोविंदपुर कालोनी नाला नं0–1	08.04.2024	50	7.32	0.0	60	65
8	गोविंदपुर कालोनी नाला नं0–2	08.04.2024	50	7.42	1.2	76	80
9	गोविंदपुर कालोनी नाला नं0–3	08.04.2024	60	7.52	0.6	72	60
10	गोविंदपुर कालोनी नाला नं0–4	08.04.2024	50	7.32	0.0	60	68
11	शिवकुटी नाला नं0–4	08.04.2024	55	7.32	0.5	68	80
12	शिवकुटी नाला नं0–7	08.04.2024	45	7.38	0.0	65	76
13	सलोरी नाला/अमिताभ बच्चन कलवर्ट	08.04.2024	50	7.42	0.0	68	72

General Standard for Discharge of Enviromental Pollutants Part A:Effluents	Colour -	p.H 6.5-9.0	D.O. -		TSS 100 mg/l Maximum

Sandeep Giri 13/04/24

Analyzed by

13.4.24

Authorized Signatory

Regional Officer

Regional Office, U.P. Pollution Control Board, Prayagraj
Summary Chart of Analysis Report of Water Quality of River Ganga And Yamuna at Prayagraj
2024-25

S. No.	Date	Sampling Location: U/S Ganga, Fatehpur Ghat, Prayagraj					D/S Ganga, Shashtri Bridge, Prayagraj					Main Sangam, Prayagraj					D/S Ganga, Chhatnag Ghat, Prayagraj					Yamuna, Saraswati Ghat Prayagraj				
		Colour (Hazen)	pH	*DO (mg/L)	**B.O.D. (mg/L)	COD (mg/L)	Colour (Hazen)	pH	*DO (mg/L)	**B.O.D. (mg/L)	COD (mg/L)	Colour (Hazen)	pH	*DO (mg/L)	**B.O.D. (mg/L)	COD (mg/L)	Colour (Hazen)	pH	*DO (mg/L)	**B.O.D. (mg/L)	COD (mg/L)	Colour (Hazen)	pH	*DO (mg/L)	**B.O.D. (mg/L)	COD (mg/L)
1	01.04.2024	20	8.02	8.9	#	#	20	8.15	9.1	#	#	20	8.07	8.9	#	#	20	8.06	8.7	#	#	15	8.31	8.2	#	#
2	02.04.2024	20	8.12	8.6	2.9	16	20	8.11	8.7	2.8	14	20	8.36	8.9	2.7	12	20	8.17	8.5	2.8	14	15	8.22	8.2	2.7	10
3	03.04.2024	20	8.19	8.3	#	#	20	8.17	8.9	#	#	20	8.38	8.7	#	#	20	8.27	8.2	#	#	15	8.29	8.0	#	#
4	04.04.2024	20	8.07	8.1	#	#	20	8.29	8.2	#	#	20	8.23	8.6	#	#	20	8.21	8.4	#	#	15	8.34	7.9	#	#
5	05.04.2024	20	8.14	8.5	#	#	20	8.27	8.8	#	#	20	8.05	8.7	#	#	20	8.07	8.1	#	#	15	8.11	7.7	#	#
6	06.04.2024	20	8.03	9.1	#	#	20	8.38	8.7	#	#	20	8.34	9.0	#	#	20	8.23	8.5	#	#	15	8.13	7.9	#	#
7	07.04.2024	20	8.18	8.9	#	#	20	8.17	8.5	#	#	20	8.27	9.3	#	#	20	8.38	8.7	#	#	15	8.19	8.1	#	#
8	08.04.2024	20	8.22	8.7	#	#	20	8.38	8.8	#	#	20	8.21	8.8	#	#	20	8.16	9.0	#	#	15	8.11	8.5	#	#
9	09.04.2024	20	8.13	8.6	2.8	14	20	8.17	8.2	2.9	16	20	8.26	8.5	2.8	12	20	8.21	9.2	2.7	14	15	8.19	8.7	2.6	8
10	10.04.2024	20	8.06	8.1	#	#	20	8.22	8.5	#	#	20	8.18	8.8	#	#	20	8.38	9.1	#	#	15	8.23	8.9	#	#
11	11.04.2024	20	8.14	8.6	#	#	20	8.17	8.7	#	#	20	8.22	8.7	#	#	20	8.23	8.9	#	#	15	8.02	9.1	#	#
12	12.04.2024	20	8.29	8.7	#	#	20	8.38	8.9	#	#	20	8.28	8.9	#	#	20	8.38	8.8	#	#	15	8.33	8.8	#	#
13	13.04.2024	20	8.13	9.1	#	#	20	8.31	8.6	#	#	20	8.39	9.0	#	#	20	8.03	9.4	#	#	15	8.29	9.4	#	#
14	14.04.2024	20	8.08	9.3	#	#	20	8.35	8.8	#	#	20	8.37	9.1	#	#	20	8.09	9.2	#	#	15	8.36	8.5	#	#
15	15.04.2024	20	8.12	8.9	#	#	20	8.25	8.4	#	#	20	8.18	8.9	#	#	20	8.07	8.1	#	#	15	8.25	9.1	#	#
16	16.04.2024	20	8.18	8.2	2.9	12	20	8.15	8.3	2.8	14	20	8.28	8.7	2.9	10	20	8.09	8.6	2.8	12	15	8.33	8.8	2.5	10
17	17.04.2024	20	8.17	8.5	#	#	20	8.11	8.7	#	#	20	8.24	8.6	#	#	20	8.22	9.1	#	#	15	8.16	8.9	#	#
18	18.04.2024	20	8.07	8.6	#	#	20	8.21	9.1	#	#	20	8.34	8.8	#	#	20	8.32	8.7	#	#	15	8.36	9.3	#	#
19	19.04.2024	20	8.02	8.7	#	#	20	8.23	8.6	#	#	20	8.34	8.9	#	#	20	8.38	9.1	#	#	15	8.28	8.2	#	#
20	20.04.2024	20	8.12	8.6	#	#	20	8.35	9.3	#	#	20	8.31	8.5	#	#	20	8.16	8.6	#	#	15	8.43	9.1	#	#
21	21.04.2024	20	8.29	8.3	#	#	20	8.19	9.0	#	#	20	8.38	8.7	#	#	20	8.14	9.1	#	#	15	8.19	8.7	#	#
22	22.04.2024	20	8.27	8.6	#	#	20	8.17	8.9	#	#	20	8.33	8.8	#	#	20	8.25	8.7	#	#	15	8.32	8.9	#	#
23	23.04.2024	20	8.31	8.2	2.8	14	20	8.23	9.1	2.9	18	20	8.02	8.5	2.7	16	20	8.06	8.8	2.8	12	15	8.13	8.4	2.6	8
24	24.04.2024	20	8.08	8.7	#	#	20	8.17	9.4	#	#	20	8.11	8.4	#	#	20	8.28	8.6	#	#	15	8.44	8.1	#	#
25	25.04.2024	20	8.05	8.9	#	#	20	8.21	9.2	#	#	20	8.32	8.7	#	#	20	8.14	8.5	#	#	15	8.36	8.4	#	#
26	26.04.2024	20	8.02	9.2	#	#	20	8.39	8.7	#	#	20	8.03	8.8	#	#	20	8.12	9.1	#	#	15	8.26	8.3	#	#
27	27.04.2024	20	8.22	8.6	#	#	20	8.19	8.9	#	#	20	8.24	8.5	#	#	20	8.05	9.3	#	#	15	8.11	8.5	#	#
28	28.04.2024	20	8.37	8.8	#	#	20	8.18	9.2	#	#	20	8.35	9.1	#	#	20	8.08	8.9	#	#	15	8.21	8.7	#	#
29	29.04.2024	20	8.32	8.6	#	#	20	8.28	8.7	#	#	20	8.27	8.4	#	#	20	8.03	8.7	#	#	15	8.02	8.8	#	#
30	30.04.2024	20	8.13	8.8	2.9	16	20	8.25	8.6	2.8	16	20	8.33	9.5	2.8	14	20	8.06	9.1	2.7	10	15	8.08	8.9	2.5	12

Parameter under analysis

Standard For Category-B : For Outdoor Bathing Purpose Source:http://cpcb.nic.in/cpcbold/Water_Quality_Criteria.php	Colour -	pH 6.5 - 8.5	D.O. Minimum 5.0 mg/L	B.O.D. Maximum 3.0 mg/L	Fecal Coliform Maximum 2500 mpn/L

Conclusion:Based on the data obtained from monitoring water quality of river Ganga is suitable for bathing purpose.

Analyzed by

Authorized Signatory

Regional Officer

Regional Office, U.P. Pollution Control Board, Prayagraj

Summary Chart of Analysis Report of Water Quality of River Ganga And Yamuna at Prayagraj

2023-24

S. No.	Date	Sampling Location									
		U/S Ganga, Fatehpur Ghat,		D/S Ganga, Shashtri		Main Sangam, Prayagraj		D/S Ganga, Chhatnag		Yamuna, Saraswati Ghat	
		Total Coliform	Fecal Coliform	Total Coliform	Fecal Coliform	Total Coliform	Fecal Coliform	Total Coliform	Fecal Coliform	Total Coliform	Fecal Coliform
1	02-Apr-24	1400	450	2200	780	2000	680	2500	910	1100	400
2	09-Apr-24	1400	450	2200	680	2000	680	2400	920	1200	400
3	16-Apr-24	1500	610	2400	920	2100	680	2500	910	1300	450
4	23-Apr-24	1300	450	2500	910	2200	780	2600	920	1200	400
5	30-Apr-24	1500	610	2400	680	2100	780	2700	930	1100	400

454

Parameter under analysis

Standard For Category-B : **For Outdoor Bathing Purpose** **Source:http://cpcb.nic.in/cpcbold/Water_Quality_Criteria.php**	**Colour** -	**pH** 6.5 - 8.5	**D.O.** **Minimum** 5.0 mg/L	**B.O.D.** **Maximum** 3.0 mg/L	**Fecal Coliform** **Maximum** 2500 mpn/L	

Conclusion:Based on the data obtained from monitoring water quality of river Ganga is suitable for bathing purpose.

Analyzed by

Authorized Signatory

Regional Officer

389

Format for monitoring of Sewage Treatment Plants (STPs/CETPs)

1.	**Name/Location of STP/CETP (full address)**		**:**	80 MLD STP Plant, Naini Prayagraj, U.P.
2.	**Coordinates**	**Latitude**	**:**	25.418204
	(In decimal units e.g. 12.34567˚)	**Longitude**		81.857895
3.	**Designed capacity of STP and**		**:**	80 MLD
	Treatment Technology			Activated Sludge Process (ASP)
4.	**a. Date of monitoring and starting time**		**:**	29.02.2024, 3.41 pm
	b. Type of sampling (Grab or Composite)			Grab
	c. If composite mentioned total hours and interval (eg. 12 hr composite at 2 hr interval)		**:**	-
5.	Agency/organisation responsible for O&M (Name of agency & contact person, Mob., E-mail)		**:**	M/s Prayagraj Water Private limited Rahul Aazad, Mob - 9582476043
6.	Whether Operation through Sub contractor, if any, details thereof with contact information (Name of agency, contact person with designation, Mob., E-mail)		**:**	No
7.	Year of commissioning (Operational since)		**:**	2021
8.	a. Operational/Non-functional/Non-operational (be specific in functionality status) b. Reason, if non-functional/non-operational and time since non-functional/non-operational		**:** **:**	Operational
9.	(A) STP designed parameter – Inlet (flow, pH, BOD, COD, TSS etc.& mentioned values of designed parameter)		**:**	Design Capacity- 80 MLD pH - < 9.0 BOD-250 ppm, COD-500 ppm, TSS-500 ppm

	(B) STP designed parameter - Outlet (pH, BOD, TSS, Fecal coliform etc.& mentioned values of designed parameter)		pH – 6.5 – 9.0 BOD-30 ppm, TSS-50 ppm, Faecal Coliform-1000 MPN/100 ml
10.	Utilized Capacity as reported by operator **or** verified from log book (MLD)	**:**	107 MLD
11.	Actual treatment (Inflow during visit) (m^3/hr x hrs.)	**:**	2348 m3/hr
12.	If operating under designed capacity, give reason	**:**	No
13.	Flow meter/v-notch at Inlet of STP & reading	**:**	Available
14.	Flow meter/v-notch at Outlet of STP & reading	**:**	Available
15.	Fresh water supply source (in STP premises) if any, details (source, water consumption status, logbook, meter)	**:**	Bore well
16.	**Raw sewage characteristics** pH COD BOD TSS TDS (also FDS for CETPs) Total Nitrogen Total Phosphorus Sulphate Nitrate, Phosphate,	**:**	Sample collected by Committee during joint visit. Test Report **attached**.

	Ammonical Nitrogen Chloride Faecal Coliform Total Coliform Heavy metal (For Kanpur STPs)		
17.	Details of transfer sump	:	Pumping Station
18.	Pre-treatment if any, details (screen, Equalization Tank)	:	Receiving Chamber & Screening
19.	Primary-treatment if any, details (Oil and Grease trap, grit, pre-settling tank)	:	Grit Chamber
20.	Primary Settling Tank (i) Primary Settling Tank Volume m^3 (ii) Settling Surface area m^3 (iii) Weir length m (iv) Retention Period (v) PST outlet pH, TSS, BOD, COD (mg/L) (vi) Underflow solids concentration mg/l or % (vii) Actual primary Sludge production rate (flow rate m^3/hr x hr/day) Availability of Mechanical Scrapper	:	 2264.303 for each tank (Total – 4 Nos) 750 m^2 97.389 2.84 Hrs. 965.5 m^3 /day Available
21.	No. of Biological Treatment stages	:	Three Stages: Primary Settling Tanks Aeration Tank Final Settling Tanks
22.	**Treatment processes used in STP for sewage treatment along with order of the stage:**		
	Main technology used in treatment scheme: Activated Sludge Process (ASP) Major Components of Treatment Scheme (Step wise) are as follows: **1. Sewage Pumping Station:** At two sewage pumping stations, raw sewage from house connections and tapped drains is collected here and then pumped to Main pumping station with the help of Submersible Pumps for further pumping to Sewage treatment plant.		

	2. Main Pumping Station: Raw Sewage from house connections and tapped drains is collected here and then pumped to Pre-treatment unit with the help of Submersible Pumps for further treatment. **3. Pre-treatment Unit:** **a) Mechanical Screens:** This is the first unit of Treatment scheme. In this unit, waste present in raw sewage like plastics, paper, cloth pieces are removed. **b) Grit Removal unit:** After screening, raw sewage passes through this unit. In this unit, heavy solid materials that are "heavier" than the organic matter are removed. **4. Primary Settling Tanks:** In this unit, settleable and floating solid waste is removed from waste water as it is passed through tanks with higher retention time which allows solids to settle down through gravity. **5. Aeration Tank:** In this unit, activated sludge process is performed where air is added into the water with the help of Surface Aerators and diffused aeration system to encourage microbial growth. The microbes in the water feed on the organic material and form flocs that then settle out. **6. Final Settling Tanks:** In this unit, suspended solids are removed from effluent as it is passed through a tanks with higher retention time which allows solids to settle down through gravity. **7. Chlorine Contact Tank:** In this unit, chlorine is mixed in effluent for disinfection and to remove any harmful pathogens that are present in the water. **8. Sludge Dewatering Unit:** In this unit, concentration of wastewater obtained from Tube settlers is increased beyond 20% (as per Concession Agreement) and converted into cake form for easy and cost-effective disposal of the same.		
23.	Process parameters of Anaerobic Process for example **A. UASB& Others** (i) No. of reactors (ii) Capacity of each reactor (iii) Average flow (iv) HRT (v) UASB outlet BOD, COD, TSS (mg/l)	**:**	No
24.	Process parameters of Aerobic Process for example **B. Activated Sludge Process** (i) Waste sludge generation (flow rate m^3/hr multiplied by hr/day) (ii) Waste sludge solids (TSS) concentration mg/l (iii) ASP outlet pH, TSS, COD, BOD **Aeration Tank** (i) Aeration Tank volume m^3 (ii) Retention period	**:**	- 904 m^3/day 301.3 m^3/ day Available 9733.3 m^3 3.76 hr.

	(iii) Mixed Liquor MLSS, MLVSS&DO mg/l (iv) Aeration Capacity KW or HP (v) Related aeration capacity Kg/KW hr **Secondary Settling Tank** (i) Secondary Settling tank volume m^3 (ii) Settling Surface area m^2 (iii) Retention period (iv) Weir length m (v) Return flow rates m^3/hr or m^3/day (vi) Return flow solids (TSS) concentration		2.4 kg O_2/KWH Available 2264.303 for each tank (Total-4 Nos) 750 m2 97.389 2.84 Hrs. 1% Available
25.	Tertiary Treatment (Physico- Chemical) **(i) Coagulation and flocculation** **(ii) Dual Media Filter** **(iii) Adsorption** **(iv) Membrane Treatment** **(v) Any Other**	**:**	No
Disinfection System			
26.	Disinfection Technology Installed	**:**	Chlorination
	Name of Technology used	**:**	Chlorination System
	Operational status (if Non-operational, Reasons)	**:**	Operational
	If chlorination based disinfection system a. Name of chemical/ form of chlorine b. Methodology (Mechanical/manual) c. Dosing Rate d. Type of chlorinator e. Chemical consumption record f. Dimension of the Chlorine contact tank g. Chlorine Contact Time/Retention time h. **Value of Residual Chlorine in treated sewage (ppm)** i. Methodology used for assessment of Residual chlorine : titrimetric method/	**:**	 Chlorine Gas Mechanical 4-12 Kg/Hr Chemical Consumption Record Available 30-45 Min 0.2-0.5 ppm OT & Chlorotext Indicator

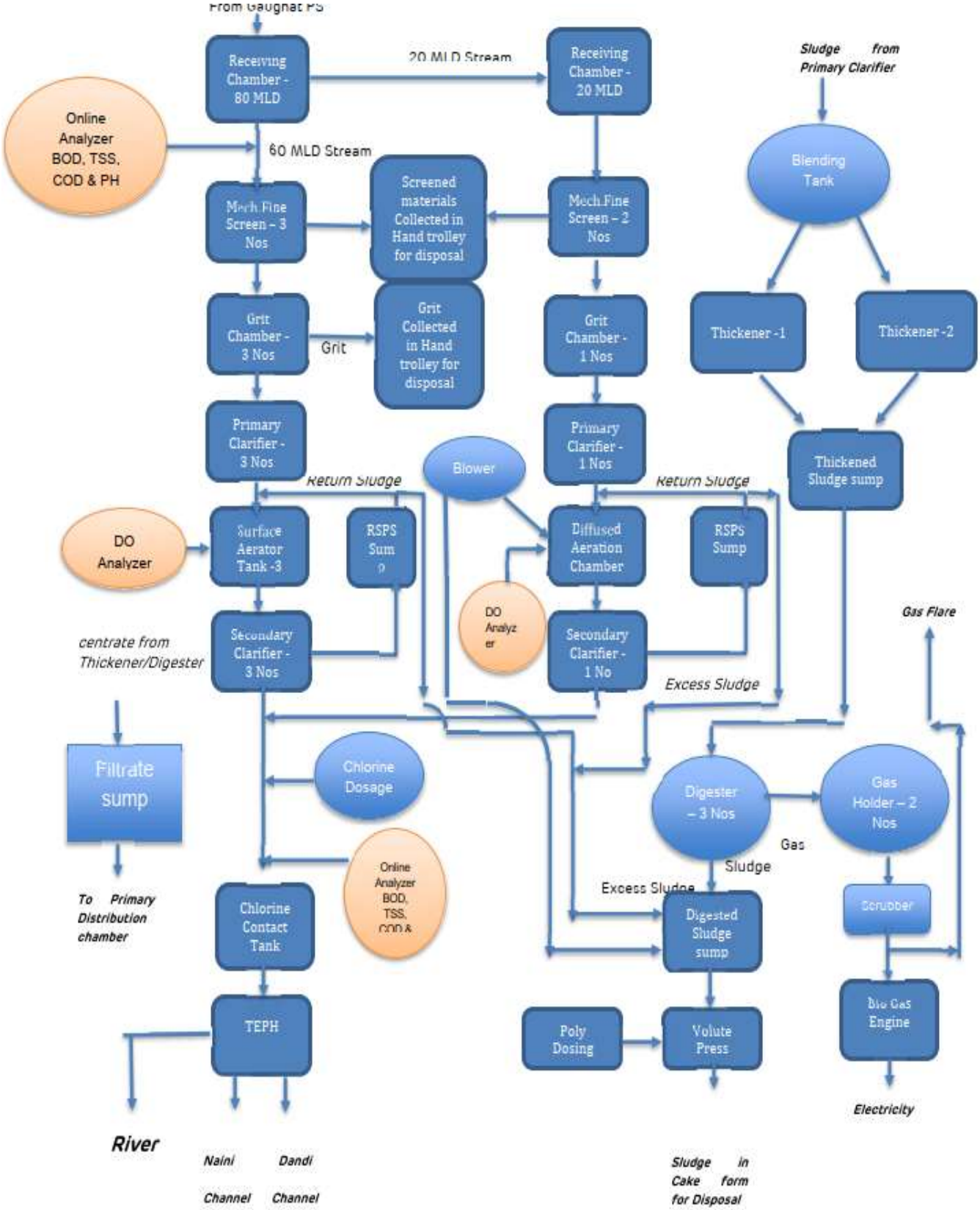
	colorimetry (using ortho-toluidine or any other indicator)		
	If Ozonation a. Pressure at which ozonation is performed b. Dosing rate (concentration of ozone dozed) c. Dosing tank Detail d. Contact time e. Flow rate of sewage	:	No
	If UV Treatment a. UV Dose (mJ/cm^2) b. Dosing tank Detail c. Flow rate of sewage	:	No
27.	**Treated sewage characteristics** Oil & Grease pH BOD COD TSS TDS (also FDS for CETP) Total Nitrogen Total Phosphorous Nitrate (as N) Ammonical Nitrogen (as N) Phosphate (as P) Chloride Faecal Coliform Total Coliform **Residual Chlorine (if doing chlorination)** (Heavy metal for Kanpur STPs)	:	Sample collected by Committee during joint visit. **Test Report attached** (Compliance w.r.t. MoEF&CC Norms Notified on Dated 13th October,2017).

	& Other parameters (DO & MLSS/MLVSS for Aeration tank)		
28.	Sludge Thickener (i) Volume m^3 (ii) Thickening Surface m^3 (iii) Underflow solids concentration (mg/l) (iv) Actual thickened sludge production rate (Flow rate, m/hr multiplied by hr/day)	:	Available 5181.5 m^3 233.3 m^2 533.5 m^3/Day
29.	Sludge Digester (i) Digester Volume m^3 (ii) Thickening sludge BOD & COD mg/l (iii) Actual digester sludge production rate(flow rate m^3/hr multiplied by hr/day)	:	Available 1798.9 m^3
30.	Biogas produced, if any and its composition	:	Yes
31.	Operational status of gas utilization	:	Operational, Used in Gas Engine
32.	Power generation, if any	:	Biogas Engine Solar Power Plant
33.	STP connected to sewerage network (Yes/ NO)		Yes
34.	Mode of receiving raw sewage through (open drain/ sewerage network/ both)	:	Both
35.	Disposal of treated sewage (river/lake/irrigation/land/pisciculture/aquaculture/and other) Any plan for reuse of treated sewage	:	River/Irrigation
	In case Land disposal (land & agreement details)/	:	No
	Recycling and reuse of treated sewage If reuse by Industry/organization (name of unit and contract)	:	No

	Route of treated sewage to reach river	:	Open Channel
36.	By Pass arrangement at STP/CETP, if any	:	Yes
37.	By pass observed at time of inspection (Yes/No) If yes pictures and description	:	No
38.	Method of sludge disposal description and status (Satisfactory/unsatisfactory)	:	Used for filling low-lying areas Satisfactory
39.	Operation and maintenance of Sewage Treatment Plant (Satisfactory/unsatisfactory)	:	Satisfactory
40.	If unsatisfactory, details of major flaws observed	:	No
41.	Power requirement	:	From UPPCL Power Grid: STP: 8450 KWH/DAY
42.	Status of power availability for uninterrupted and continuous running of STP. Provide details of standby arrangement , if any	:	Diesel Generator
43.	Annual expenditure on O & M & STP	:	O&M Charges: INR 323.64 Lakh Power & Diesel Charges: INR 195.96 Lakh
44.	Consent Status from State Pollution Control Board/Pollution Control Committee (Water & Air)	:	Available
45.	Sewage generated (in MLD) in the area covered under STP	:	107 MLD
46.	Details of proposed or ongoing augmentation or upgradation of capacity or any new STP under construction	:	For augmentation of capacity, one STP of 50 MLD under Namami Gange Program is in tendering stage
47.	Augmentation of STPs for achieving stricter norms	:	-
48.	Volume of industrial waste being mixed in sewage, if any.	:	No

49.	Status of maintenance of log Books (inlet & outlet flow, pump operations, electricity, maintenance/breakdown maintenance)	:	Available
50.	Influent and Effluent quality monitoring schedule in own lab (parameter wise)	:	Daily
51.	Status of Skilled/trained Manpower (operation & laboratory)	:	Available
52.	Status of Environmental Laboratory facility	:	In house lab is functional. In addition, sample testing is also being done by UPPCB, NABL accredited lab.
53.	Status of Online Monitoring System (OCEMS) (Installed/not installed and connected to CPCB/SPCB server or not) Compliance to be verified of direction dated	:	Installed, Connected to CPCB Server
54.	Flow diagram of treatment (to be attached)	:	Available
55.	Drains Tapping Status	:	3 nos drains visited and all are found properly tapped

Flow diagram of treatment:



Photographs Naini-I STP (80 MLD)



Pic.1. Primary Clarifier



Pic.2. Outlet CCT



Pic.3. Primary Unit



Pic.4. Laboratory

Format for monitoring of Sewage Treatment Plants (STPs/CETPs)

1.	**Name/Location of STP/CETP (full address)**		**:**	50 MLD STP Plant, Numayadahi, Prayagraj, U.P.
2.	**Coordinates**	**Latitude**	**:**	25.383270
	(In decimal units e.g. 12.34567˚)	**Longitude**		81.781567
3.	**Designed capacity of STP and Treatment Technology**		**:**	50 MLD Bio-Tower + Activated Sludge Process (ASP)
4.	**a. Date of monitoring and starting time**		**:**	01.03.2024, 2:38 pm
	b. Type of sampling (Grab or Composite)			Grab
	c. If composite mentioned total hours and interval (eg. 12 hr composite at 2 hr interval)		**:** **:**	-
5.	Agency/organisation responsible for O&M (Name of agency & contact person, Mob., E-mail)		**:**	M/s Prayagraj Water Private limited Rahul Aazad, Mob - 9582476043
6.	Whether Operation through Sub contractor, if any, details thereof with contact information (Name of agency, contact person with designation, Mob., E-mail)		**:**	No
7.	Year of commissioning (Operational since)		**:**	2020
8.	a. Operational/Non-functional/Non-operational (be specific in functionality status) b. Reason, if non-functional/non-operational and time since non-functional/non-operational		**:** **:**	Operational
9.	(A) STP designed parameter – Inlet (flow, pH, BOD, COD, TSS etc.& mentioned values of designed parameter)		**:**	Design Capacity- 50 MLD pH - < 9.0 BOD-250 ppm, COD-500 ppm, TSS-500 ppm

	(B) STP designed parameter - Outlet (pH, BOD, TSS, Fecal coliform etc.& mentioned values of designed parameter)		pH – 6.5 – 9.0 BOD-20 ppm, TSS-30 ppm, Fecal Coliform-1000 MPN/100 ml
10.	Utilized Capacity as reported by operator **or** verified from log book (MLD)	**:**	60 MLD
11.	Actual treatment (Inflow during visit) (m^3/hr x hrs.)	**:**	3060 m3/hr
12.	If operating under designed capacity, give reason	**:**	No
13.	Flow meter/v-notch at Inlet of STP & reading	**:**	Available
14.	Flow meter/v-notch at Outlet of STP & reading	**:**	Available
15.	Fresh water supply source (in STP premises) if any, details (source, water consumption status, logbook, meter)	**:**	Bore Well
16.	**Raw sewage characteristics** pH COD BOD TSS TDS (also FDS for CETPs) Total Nitrogen Total Phosphorus Sulphate Nitrate, Phosphate,	**:**	Sample collected by Committee during joint visit. Test Report **attached.**

	Ammonical Nitrogen Chloride Faecal Coliform Total Coliform Heavy metal (For Kanpur STPs)		
17.	Details of transfer sump	:	Pumping Station
18.	Pre-treatment if any, details (screen, Equalization Tank)	:	Receiving Chamber & Screening
19.	Primary-treatment if any, details (Oil and Grease trap, grit, pre-settling tank)	:	Grit Chamber
20.	Primary Settling Tank (i) Primary Settling Tank Volume m^3 (ii) Settling Surface area m^3 (iii) Weir length m (iv) Retention Period (v) PST outlet pH, TSS, BOD, COD (mg/L) (vi) Underflow solids concentration mg/l or % (vii) Actual primary Sludge production rate (flow rate m^3/hr x hr/day) Availability of Mechanical Scrapper	:	No
21.	No. of Biological Treatment stages	:	Three Stages: Bio-Tower Aeration Tank Secondary Clarifier
22.	**Treatment processes used in STP for sewage treatment along with order of the stage:**		
	Main technology used in treatment scheme: Bio-Tower + Activated Sludge Process (ASP) • Major Components of Treatment Scheme (Step wise) are as follows: **1. Sewage Pumping Station:** At three sewage pumping stations, raw sewage from house connections and tapped drains is collected here and then pumped to Main pumping station with the help of Submersible Pumps for further pumping to Sewage treatment plant.		

	2. **Main Pumping Station:** Raw Sewage from house connections and tapped drains is collected here and then pumped to Pre-treatment unit with the help of Submersible Pumps for further treatment. 3. **Pre-treatment Unit:** a) **Mechanical Screens:** This is the first unit of Treatment scheme. In this unit, waste present in raw sewage like plastics, paper, cloth pieces are removed. b) **Grit Removal unit:** After screening, raw sewage passes through this unit. In this unit, heavy solid materials that are "heavier" than the organic matter are removed. 4. **Bio-Tower:** A Bio-Tower is basically a housing in which wastewater trickles through a bed of slime covered media and is treated by the action of the microorganisms in the slime layer, utilizing the contents of the wastewater as a food source. The filter media or packing provide the surface over which microorganisms grow. 5. **Aeration Tank:** In this unit, activated sludge process is performed where air is added into the water with the help of Surface Aerators and diffused aeration system to encourage microbial growth. The microbes in the water feed on the organic material and form flocs that then settle out. 6. **Secondary Clarifier:** In this unit, suspended solids are removed from effluent as it is passed through a tanks with higher retention time which allows solids to settle down through gravity. 7. **Chlorine Contact Tank:** In this unit, chlorine is mixed in effluent for disinfection and to remove any harmful pathogens that are present in the water. 8. **Sludge Dewatering Unit:** In this unit, concentration of wastewater obtained from Tubesettlers is increased beyond 20% (as per Concession Agreement) and converted into cake form for easy and cost-effective disposal of the same.		
23.	Process parameters of Anaerobic Process for example **A. UASB& Others** (i) No. of reactors (ii) Capacity of each reactor (iii) Average flow (iv) HRT (v) UASB outlet BOD, COD, TSS (mg/l)	**:**	No
24.	Process parameters of Aerobic Process for example **B. Activated Sludge Process** (i) Waste sludge generation (flow rate m^3/hr multiplied by hr/day) (ii) Waste sludge solids (TSS) concentration mg/l (iii) ASP outlet pH, TSS, COD, BOD **Aeration Tank** (i) Aeration Tank volume m^3 (ii) Retention period (iii) Mixed Liquor MLSS, MLVSS&DO mg/l	**:**	Available 1159 m^3/day 333 m^3/day Available 8340 m^3 4.0 hr.

	(iv) Aeration Capacity KW or HP (v) Related aeration capacity Kg/KW hr **Secondary Settling Tank** (i) Secondary Settling tank volume m^3 (ii) Settling Surface area m^2 (iii) Retention period (iv) Weir length m (v) Return flow rates m^3/hr or m^3/day (vi) Return flow solids (TSS) concentration		 Available 6804 m^3 1125 m^2 3.26 Hrs 1%
25.	Tertiary Treatment (Physico- Chemical) **(i) Coagulation and flocculation** **(ii) Dual Media Filter** **(iii) Adsorption** **(iv) Membrane Treatment** **(v) Any Other**	**:**	No
Disinfection System			
26.	Disinfection Technology Installed	**:**	Chlorination
	Name of Technology used	**:**	Chlorine Diffusion system
	Operational status (if Non-operational, Reasons)	**:**	Operational
	If chlorination based disinfection system a. Name of chemical/ form of chlorine b. Methodology (Mechanical/manual) c. Dosing Rate d. Type of chlorinator e. Chemical consumption record f. Dimension of the Chlorine contact tank g. Chlorine Contact Time/Retention time h. **Value of Residual Chlorine in treated sewage (ppm)** i. Methodology used for assessment of Residual chlorine : titrimetric method/ colorimetry (using ortho-toluidine or any other indicator)	**:**	 Chlorine Gas Mechanical 4-8 Kg/Hr Chemical Consumption Record Available 30-45 Min 0.2-0.5 ppm OT & Chlorotext Indicator
	If Ozonation a. Pressure at which ozonation is performed	**:**	No

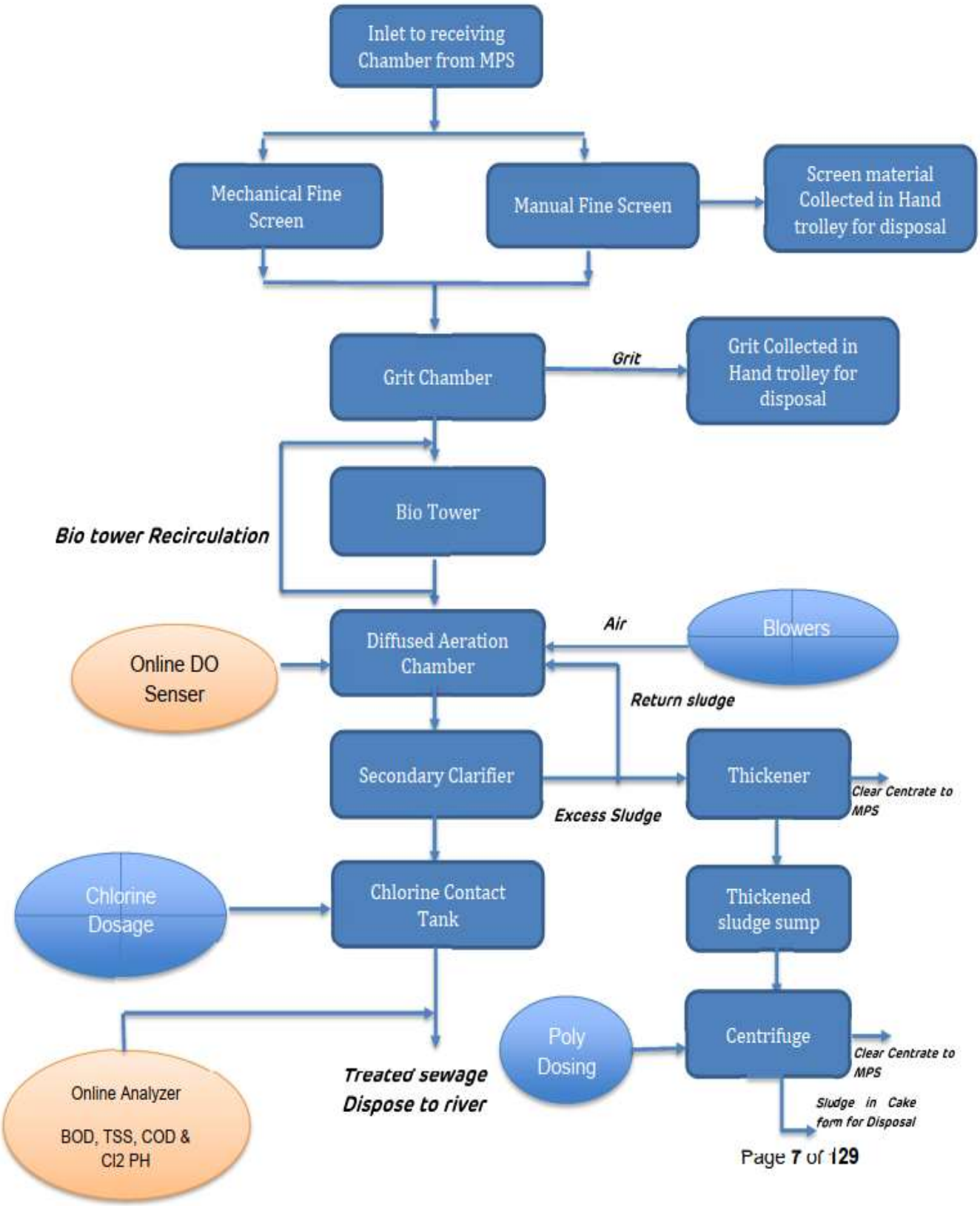
	b. Dosing rate (concentration of ozone dozed) c. Dosing tank Detail d. Contact time e. Flow rate of sewage		
	If UV Treatment a. UV Dose (mJ/cm^2) b. Dosing tank Detail c. Flow rate of sewage	**:**	No
27.	**Treated sewage characteristics** Oil & Grease pH BOD COD TSS TDS (also FDS for CETP) Total Nitrogen Total Phosphorous Nitrate (as N) Ammonical Nitrogen (as N) Phosphate (as P) Chloride Faecal Coliform Total Coliform **Residual Chlorine (if doing chlorination)** (Heavy metal for Kanpur STPs) & Other parameters (DO & MLSS/MLVSS for Aeration tank)	**:**	Sample collected by Committee during joint visit. **Test Report attached** (Compliance w.r.t. MoEF&CC Norms Notified on Dated 13th October,2017).
28.	Sludge Thickener	**:**	Available

	(i) Volume m^3 (ii) Thickening Surface m^3 (iii) Underflow solids concentration (mg/l) (iv) Actual thickened sludge production rate (Flow rate, m/hr multiplied by hr/day)		
29.	Sludge Digester (i) Digester Volume m^3 (ii) Thickening sludge BOD & COD mg/l (iii) Actual digester sludge production rate(flow rate m^3/hr multiplied by hr/day)	:	No
30.	Biogas produced, if any and its composition	:	No
31.	Operational status of gas utilization	:	-
32.	Power generation, if any	:	Solar Power Plant
33.	STP connected to sewerage network (Yes/ NO)		Yes
34.	Mode of receiving raw sewage through (open drain/ sewerage network/ both)	:	Both
35.	Disposal of treated sewage (river/lake/irrigation/land/pisciculture/aquaculture/and other) Any plan for reuse of treated sewage	:	River
	In case Land disposal (land & agreement details)/	:	No
	Recycling and reuse of treated sewage If reuse by Industry/organization (name of unit and contract)	:	No
	Route of treated sewage to reach river	:	Open Channel
36.	By Pass arrangement at STP/CETP, if any	:	No
37.	By pass observed at time of inspection (Yes/No) If yes pictures and description	:	No

38.	Method of sludge disposal description and status (Satisfactory/unsatisfactory)	:	Used for filling low-lying areas Satisfactory
39.	Operation and maintenance of Sewage Treatment Plant (Satisfactory/unsatisfactory)	:	Satisfactory
40.	If unsatisfactory, details of major flaws observed	:	-
41.	Power requirement	:	From UPPCL Power Grid: STP: 5600 KWH/DAY
42.	Status of power availability for uninterrupted and continuous running of STP. Provide details of standby arrangement , if any	:	Diesel Generator
43.	Annual expenditure on O & M & STP	:	O&M Charges: INR 253.30 Lakh Power & Diesel Charges: INR 176.18 Lakh
44.	Consent Status from State Pollution Control Board/Pollution Control Committee (Water & Air)	:	Available
45.	Sewage generated (in MLD) in the area covered under STP	:	60 MLD
46.	Details of proposed or ongoing augmentation or upgradation of capacity or any new STP under construction	:	-
47.	Augmentation of STPs for achieving stricter norms	:	-
48.	Volume of industrial waste being mixed in sewage, if any.	:	No
49.	Status of maintenance of log Books (inlet & outlet flow, pump operations, electricity, maintenance/breakdown maintenance)	:	Available
50.	Influent and Effluent quality monitoring schedule in own lab (parameter wise)	:	Daily
51.	Status of Skilled/trained Manpower (operation & laboratory)	:	Available

52.	Status of Environmental Laboratory facility	:	In house lab is functional. In addition, sample testing is also being done by UPPCB, NABL accredited lab.
53.	Status of Online Monitoring System (OCEMS) (Installed/not installed and connected to CPCB/SPCB server or not) Compliance to be verified of direction dated 10.08.2020	:	Installed, connected to CPCB server.
54.	Flow diagram of treatment (to be attached)	:	Available
55.	Drains Tapping Status	:	5 nos drains visited and all are found properly tapped

Flow diagram of treatment:



Photographs Numayadahi STP (50 MLD)



Pic.1. Inlet Point



Pic.2. Aeration Tank



Pic.3. With Staff



Pic.4. Secondary Clarifier

Format for monitoring of Sewage Treatment Plants (STPs/CETPs)

1.	**Name/Location of STP/CETP (full address)**		**:**	29 MLD STP Plant, Salori Prayagraj, U.P.
2.	**Coordinates** **(In decimal units e.g. 12.34567˚)**	**Latitude** **Longitude**	**:**	28.356265 79.391865
3.	**Designed capacity of STP and** **Treatment Technology**		**:**	29 MLD Fluidized Aerobic Bio-Reactor (FAB)
4.	**a. Date of monitoring and starting time**		**:**	29.02.2024
	b. Type of sampling (Grab or Composite)			Grab
	c. If composite mentioned total hours and interval (eg. 12 hr composite at 2 hr interval)		**:** **:**	-
5.	Agency/organisation responsible for O&M (Name of agency & contact person, Mob., E-mail)		**:**	M/s Prayagraj Water Private limited Rahul Aazad, Mob - 9582476043
6.	Whether Operation through Sub contractor, if any, details thereof with contact information (Name of agency, contact person with designation, Mob., E-mail)		**:**	No
7.	Year of commissioning (Operational since)		**:**	2020
8.	a. Operational/Non-functional/Non-operational (be specific in functionality status) b. Reason, if non-functional/non-operational and time since non-functional/non-operational		**:** **:**	Operational
9.	(A) STP designed parameter – Inlet (pH, BOD, COD, TSS etc.& mentioned values of designed parameter)		**:**	Design Capacity- 29 MLD pH - < 9.0 BOD-250 ppm, COD-500 ppm,

			TSS-500 ppm
	(B) STP designed parameter - Outlet (pH, BOD, TSS, Fecal coliform etc.& mentioned values of designed parameter)		pH – 5.5 – 9.0 BOD-30 ppm, TSS-50 ppm, Faecal Coliform-1000 MPN/100 ml
10.	Utilized Capacity as reported by operator **or** verified from log book (MLD)	**:**	41 MLD
11.	Actual treatment (Inflow during visit) (m^3/hr x hrs.)	**:**	1255.4 m^3 /hr
12.	If operating under designed capacity, give reason	**:**	No
13.	Flow meter/v-notch at Inlet of STP & reading	**:**	Available
14.	Flow meter/v-notch at Outlet of STP & reading	**:**	Available
15.	Fresh water supply source (in STP premises) if any, details (source, water consumption status, logbook, meter)	**:**	Bore well
16.	**Raw sewage characteristics** pH COD BOD TSS TDS (also FDS for CETPs) Total Nitrogen Total Phosphorus Sulphate	**:**	Sample collected by Committee during joint visit. Test Report **attached.**

	Nitrate, Phosphate, Ammonical Nitrogen Chloride Faecal Coliform Total Coliform Heavy metal (For Kanpur STPs)		
17.	Details of transfer sump	:	Pumping Station
18.	Pre-treatment if any, details (screen, Equalization Tank)	:	Receiving Chamber & Screening
19.	Primary-treatment if any, details (Oil and Grease trap, grit, pre-settling tank)	:	Grit Chamber
20.	Primary Settling Tank (i) Primary Settling Tank Volume m^3 (ii) Settling Surface area m^3 (iii) Weir length m (iv) Retention Period (v) PST outlet pH, TSS, BOD, COD (mg/L) (vi) Underflow solids concentration mg/l or % (vii) Actual primary Sludge production rate (flow rate m^3/hr x hr/day) Availability of Mechanical Scrapper	:	No
21.	No. of Biological Treatment stages	:	Two Stages: Fluidized Aerobic Bio-Reactor (FAB) Clari-settler
22.	**Treatment processes used in STP for sewage treatment along with order of the stage:**		
	Main technology used in treatment scheme: Fluidized Aerobic Bio-Reactor (FAB) • Major Components of Treatment Scheme (Step wise) are as follows:		

	1. **Main Pumping Station:** Raw Sewage from house connections and tapped drains is collected here and then pumped to Pre-treatment unit with the help of Submersible Pumps for further treatment. 2. **Pre-treatment Unit:** a) **Mechanical Screens:** This is the first unit of Treatment scheme. In this unit, waste present in raw sewage like plastics, paper, cloth pieces are removed. b) **Grit Removal unit:** After screening, raw sewage passes through this unit. In this unit, heavy solid materials that are "heavier" than the organic matter are removed. 2. **Fluidized Aerobic Bio-Reactor (FAB):** This unit is used to reduce the organic matter measured as biochemical oxygen demand (BOD) and chemical oxygen demand (COD). It consists of floating media of cylindrical shapes. Controlled air diffusion FAB works on the principle of attached bacteria growth process supported by specially designed eco-friendly media. 3. **Clarisettlers:** In this unit, suspended solids are removed from effluent as it is passed through a tanks with higher retention time which allows solids to settle down through gravity. 4. **Chlorine Contact Tank:** In this unit, chlorine is mixed in effluent for disinfection and to remove any harmful pathogens that are present in the water. 5. **Sludge Dewatering Unit:** In this unit, concentration of wastewater obtained from Tube settlers is increased beyond 20% (as per Concession Agreement) and converted into cake form for easy and cost-effective disposal of the same.		
23.	Process parameters of Anaerobic Process for example **A. UASB& Others** (i) No. of reactors (ii) Capacity of each reactor (iii) Average flow (iv) HRT (v) UASB outlet BOD, COD, TSS (mg/l)	**:**	No
24.	Process parameters of Aerobic Process for example **B. Activated Sludge Process** (i) Waste sludge generation (flow rate m^3/hr multiplied by hr/day) (ii) Waste sludge solids (TSS) concentration mg/l (iii) ASP outlet pH, TSS, COD, BOD **Aeration Tank** (i) Aeration Tank volume m^3 (ii) Retention period	**:**	No Available: FAB 1812 m^3 1.4 Hr.

	(iii) Mixed Liquor MLSS, MLVSS&DO mg/l (iv) Aeration Capacity KW or HP (v) Related aeration capacity Kg/KW hr **Secondary Settling Tank** (i) Secondary Settling tank volume m^3 (ii) Settling Surface area m^2 (iii) Retention period (iv) Weir length m (v) Return flow rates m^3/hr or m^3/day (vi) Return flow solids (TSS) concentration		Available 900 m^3 298.6 m^2 0.75 Hr 78.4 m
25.	Tertiary Treatment (Physico- Chemical) (i) Coagulation and flocculation (ii) Dual Media Filter (iii) Adsorption (iv) Membrane Treatment **(v)** Any Other	**:**	No
Disinfection System			
26.	Disinfection Technology Installed	**:**	Chlorination System
	Name of Technology used	**:**	Chlorine Diffusion System
	Operational status (if Non-operational, Reasons)	**:**	Operational
	If chlorination based disinfection system a. Name of chemical/ form of chlorine b. Methodology (Mechanical/manual) c. Dosing Rate d. Type of chlorinator e. Chemical consumption record f. Dimension of the Chlorine contact tank g. Chlorine Contact Time/Retention time	**:**	Chlorine Gas Mechanical 4-9 Kg/Hr Chemical Consumption Record Available 30-45 Min

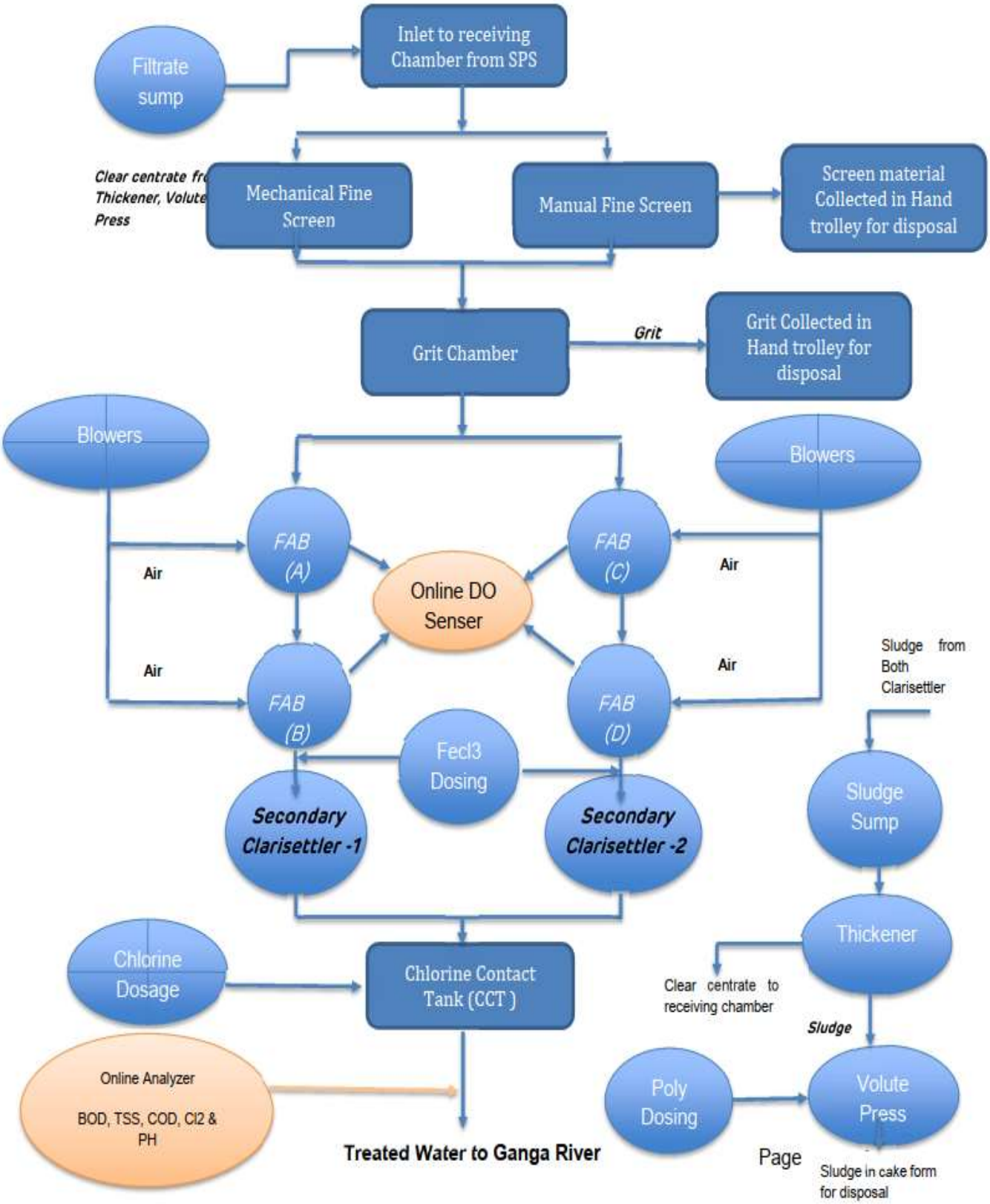
	h. **Value of Residual Chlorine in treated sewage (ppm)** i. Methodology used for assessment of Residual chlorine : titrimetric method/ colorimetry (using ortho-toluidine or any other indicator)		0.2-0.5 ppm OT & Chlorotext Indicator
	If Ozonation a. Pressure at which ozonation is performed b. Dosing rate (concentration of ozone dozed) c. Dosing tank Detail d. Contact time e. Flow rate of sewage	**:**	No
	If UV Treatment a. UV Dose (mJ/cm^2) b. Dosing tank Detail c. Flow rate of sewage	**:**	No
27.	**Treated sewage characteristics** Oil & Grease pH BOD COD TSS TDS (also FDS for CETP) Total Nitrogen Total Phosphorous Nitrate (as N) Ammonical Nitrogen (as N) Phosphate (as P) Chloride Faecal Coliform	**:**	Sample collected by Committee during joint visit. **Test Report attached** (Compliance w.r.t. MoEF&CC Norms Notified on Dated 13th October,2017).

	Total Coliform **Residual Chlorine (if doing chlorination)** (Heavy metal for Kanpur STPs) & Other parameters (DO & MLSS/MLVSS for Aeration tank)		
28.	Sludge Thickener (i) Volume m^3 (ii) Thickening Surface m^3 (iii) Underflow solids concentration (mg/l) (iv) Actual thickened sludge production rate (Flow rate, m/hr multiplied by hr/day)	**:**	Available
29.	Sludge Digester (i) Digester Volume m^3 (ii) Thickening sludge BOD & COD mg/l (iii) Actual digester sludge production rate(flow rate m^3/hr multiplied by hr/day)	**:**	No
30.	Biogas produced, if any and its composition	**:**	No
31.	Operational status of gas utilization	**:**	-
32.	Power generation, if any	**:**	Solar Power Plant
33.	STP connected to sewerage network (Yes/ NO)		Yes
34.	Mode of receiving raw sewage through (open drain/ sewerage network/ both)	**:**	Both
35.	Disposal of treated sewage (river/lake/irrigation/land/pisciculture/aquaculture/and other) Any plan for reuse of treated sewage	**:**	River
	In case Land disposal (land & agreement details)/	**:**	No

	Recycling and reuse of treated sewage If reuse by Industry/organization (name of unit and contract)	:	No
	Route of treated sewage to reach river	:	Open Channel
36.	By Pass arrangement at STP/CETP, if any	:	No
37.	By pass observed at time of inspection (Yes/No) If yes pictures and description	:	No
38.	Method of sludge disposal description and status (Satisfactory/unsatisfactory)	:	Used for filling low-lying areas Satisfactory
39.	Operation and maintenance of Sewage Treatment Plant (Satisfactory/unsatisfactory)	:	Satisfactory
40.	If unsatisfactory, details of major flaws observed	:	No
41.	Power requirement	:	From UPPCL Power Grid: STP: 4385 KWH/DAY
42.	Status of power availability for uninterrupted and continuous running of STP. Provide details of standby arrangement , if any	:	Diesel Generator
43.	Annual expenditure on O & M & STP	:	O&M Charges: INR 146.73 Lakh Power & Diesel Charges: INR 79.05 Lakh
44.	Consent Status from State Pollution Control Board/Pollution Control Committee (Water & Air)	:	Available
45.	Sewage generated (in MLD) in the area covered under STP	:	41 MLD
46.	Details of proposed or ongoing augmentation or upgradation of capacity or any new STP under construction	:	For augmentation of capacity, one STP of 43 MLD has been sanctioned under Namami Gange Program. LOA has been issued to M/s HNG Engineers Pvt Ltd.

47.	Augmentation of STPs for achieving stricter norms	:	-
48.	Volume of industrial waste being mixed in sewage, if any.	:	No
49.	Status of maintenance of log Books (inlet & outlet flow, pump operations, electricity, maintenance/breakdown maintenance)	:	Available
50.	Influent and Effluent quality monitoring schedule in own lab (parameter wise)	:	Daily
51.	Status of Skilled/trained Manpower (operation & laboratory)	:	Available
52.	Status of Environmental Laboratory facility	:	In house lab is functional. In addition, sample testing is also being done by UPPCB, NABL accredited lab.
53.	Status of Online Monitoring System (OCEMS) (Installed/not installed and connected to CPCB/SPCB server or not) Compliance to be verified of direction dated	:	Installed, Connected to CPCB Server
54.	Flow diagram of treatment (to be attached)	:	Available
55.	Drains Tapping Status	:	2 nos drains visited and both are found properly tapped

Flow diagram of treatment:



Photographs Salori STP (29 MLD)



Pic.1. Allenganj/Baksibandh Nala



Pic.2. Outlet Analyser



Pic.3. PLC Room



Pic.4. Near Panel Room

Format for monitoring of Sewage Treatment Plants (STPs/CETPs)

1.	**Name/Location of STP/CETP (full address)**		**:**	14 MLD STP Salori Bakshi Bandh Allahabad U.P.
2.	**Coordinates**	**Latitude**	**:**	25.45767.
	(In decimal units e.g. 12.34567˚)	**Longitude**		81.878386.
3.	**Designed capacity of STP and Treatment Technology**		**:**	14 MLD SBR (Sequencing Batch reactor)
4.	**a. Date of monitoring and starting time**		**:**	29.02.2024, 11.46 Am
	b. Type of sampling (Grab or Composite)			Grab
	c. If composite mentioned total hours and interval (eg. 12 hr composite at 2 hr interval)		**:** **:**	-
5.	Agency/organisation responsible for O&M (Name of agency & contact person, Mob., E-mail)		**:**	M/s Toshiba Water Solutions Private limited Ramoo Tiwari, Mob - 9027852600
6.	Whether Operation through Sub contractor, if any, details thereof with contact information (Name of agency, contact person with designation, Mob., E-mail)		**:**	No
7.	Year of commissioning (Operational since)		**:**	2016
8.	a. Operational/Non-functional/Non-operational (be specific in functionality status) b. Reason, if non-functional/non-operational and time since non-functional/non-operational		**:** **:**	Operational
9.	(A) STP designed parameter – Inlet (flow, pH, BOD, COD, TSS etc.& mentioned values of designed parameter)		**:**	Design Capacity-14 MLD pH - < 6.5 to BOD-250 ppm, COD-450 ppm, TSS-400 ppm

	(B) STP designed parameter - Outlet (pH, BOD, TSS, Fecal coliform etc.& mentioned values of designed parameter)		pH – 6.5 – 8.5 BOD- 20 ppm, TSS-20 ppm, COD- 100 ppm, Fecal Coliform-1000 MPN/100 ml
10.	Utilized Capacity as reported by operator **or** verified from log book (MLD)	**:**	14 MLD
11.	Actual treatment (Inflow during visit) (m^3/hr x hrs.)	**:**	690 m3/hr
12.	If operating under designed capacity, give reason	**:**	No
13.	Flow meter/v-notch at Inlet of STP & reading	**:**	Available
14.	Flow meter/v-notch at Outlet of STP & reading	**:**	Available
15.	Fresh water supply source (in STP premises) if any, details (source, water consumption status, logbook, meter)	**:**	Bore well
16.	**Raw sewage characteristics** pH COD BOD TSS TDS (also FDS for CETPs) Total Nitrogen Total Phosphorus Sulphate Nitrate, Phosphate,	**:**	Sample collected by Committee during joint visit. Test Report **attached.**

	Ammonical Nitrogen Chloride Faecal Coliform Total Coliform Heavy metal (For Kanpur STPs)		
17.	Details of transfer sump	:	Pumping Station
18.	Pre-treatment if any, details (screen, Equalization Tank)	:	Receiving Chamber & Screening
19.	Primary-treatment if any, details (Oil and Grease trap, grit, pre-settling tank)	:	Grit Chamber
20.	Primary Settling Tank (i) Primary Settling Tank Volume m^3 (ii) Settling Surface area m^3 (iii) Weir length m (iv) Retention Period (v) PST outlet pH, TSS, BOD, COD (mg/L) (vi) Underflow solids concentration mg/l or % (vii) Actual primary Sludge production rate (flow rate m^3/hr x hr/day) Availability of Mechanical Scrapper	:	No
21.	No. of Biological Treatment stages	:	Two Stages: Selector zone & SBR Process
22.	**Treatment processes used in STP for sewage treatment along with order of the stage:**		
	Main technology used in treatment scheme: Sequencing Batch reactor (SBR) • Major Components of Treatment Scheme (Step wise) are as follows: **1. Main Pumping Station:** Raw Sewage from house connections, Salori Nala and Allahpur tapped drains is collected here and then pumped to Pre-treatment unit with the help of Submersible Pumps for further treatment. **2. Pre-treatment Unit:** **a) Mechanical Screens:** This is the first unit of Treatment scheme. In this unit, waste present in raw sewage like plastics, paper, cloth pieces are removed. **b) Grit Removal unit:** After screening, raw sewage passes through this unit. In this unit, heavy solid materials that are "heavier" than the organic matter are removed. **3. Selector Zone (SBR):** A selector zone in a sequencing batch reactor (SBR) is a basin or channel that mixes return activated sludge (RAS) and influent wastewater. The selector zone can be made anoxic or anaerobic, depending on whether the SBR is targeting DE		

	nitrification and biological phosphorus removal 4. **Sequencing Batch Reactor:** The sequencing batch reactor (SBR) is a fill-and-draw activated sludge system for wastewater treatment. In this system, wastewater is added to a single "batch" reactor, treated to remove undesirable components, and then discharged. 5. **Chlorine Contact Tank:** In this unit, chlorine is mixed in effluent for disinfection and to remove any harmful pathogens that are present in the water. 6. **Sludge Dewatering Unit:** In this unit, concentration of wastewater obtained from Sludge thickener is increased beyond 20% (as per Concession Agreement) and converted into cake form for easy and cost-effective disposal of the same.		
23.	Process parameters of Anaerobic Process for example **A. UASB& Others** (i) No. of reactors (ii) Capacity of each reactor (iii) Average flow (iv) HRT (v) UASB outlet BOD, COD, TSS (mg/l)	:	No
24.	Process parameters of Aerobic Process for example **B. Activated Sludge Process** (i) Waste sludge generation (flow rate m^3/hr multiplied by hr/day) (ii) Waste sludge solids (TSS) concentration mg/l (iii) ASP outlet pH, TSS, COD, BOD **Aeration Tank** (i) Aeration Tank volume m^3 (ii) Retention period (iii) Mixed Liquor MLSS, MLVSS&DO mg/l (iv) Aeration Capacity KW or HP (v) Related aeration capacity Kg/KW hr **Secondary Settling Tank** (i) Secondary Settling tank volume m^3 (ii) Settling Surface area m^2 (iii) Retention period (iv) Weir length m (v) Return flow rates m^3/hr or m^3/day (vi) Return flow solids (TSS) concentration	:	 No Available 9210.52 m^3 15.8 Hr 4500 mg/l 2.2 mg/l 160 Hp. No
25.	Tertiary Treatment (Physico- Chemical)	:	No

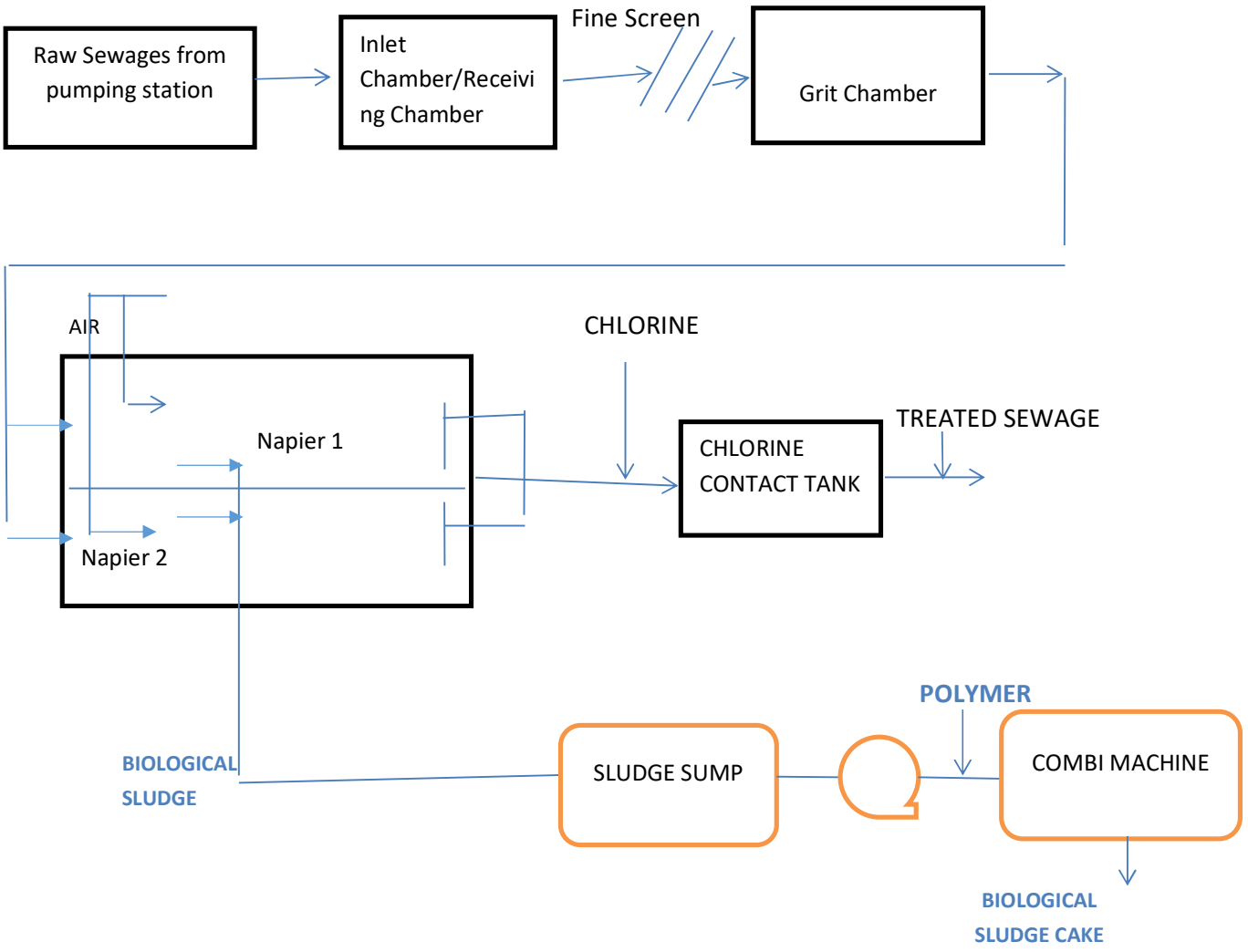
	(i) Coagulation and flocculation **(ii) Dual Media Filter** **(iii) Adsorption** **(iv) Membrane Treatment** **(v) Any Other**		
Disinfection System			
26.	Disinfection Technology Installed	**:**	Chlorination
	Name of Technology used	**:**	Chlorine Diffusion system
	Operational status (if Non-operational, Reasons)	**:**	Operational
	If chlorination based disinfection system a. Name of chemical/ form of chlorine b. Methodology (Mechanical/manual) c. Dosing Rate d. Type of chlorinator e. Chemical consumption record f. Dimension of the Chlorine contact tank g. Chlorine Contact Time/Retention time h. **Value of Residual Chlorine in treated sewage (ppm)** i. Methodology used for assessment of Residual chlorine : titrimetric method/ colorimetry (using ortho-toluidine or any other indicator)	**:**	 Chlorine Gas Mechanical 4.0 Kg/Hr Chemical Consumption Record Available 30-45 Min 0.2-0.5 ppm Chlorotext Indicator solution.
	If Ozonation a. Pressure at which ozonation is performed b. Dosing rate (concentration of ozone dozed) c. Dosing tank Detail d. Contact time e. Flow rate of sewage	**:**	No
	If UV Treatment a. UV Dose (mJ/cm^2) b. Dosing tank Detail c. Flow rate of sewage	**:**	No
27.	**Treated sewage characteristics** Oil & Grease pH	**:**	Sample collected by Committee during joint visit. **Test Report attached** (Compliance w.r.t. MoEF&CC Norms Notified on Dated 13th October,2017).

	BOD COD TSS TDS (also FDS for CETP) Total Nitrogen Total Phosphorous Nitrate (as N) Ammonical Nitrogen (as N) Phosphate (as P) Chloride Faecal Coliform Total Coliform **Residual Chlorine (if doing chlorination)** (Heavy metal for Kanpur STPs) & Other parameters (DO & MLSS/MLVSS for Aeration tank)		
28.	Sludge Thickener (i) Volume m^3 (ii) Thickening Surface m^3 (iii) Underflow solids concentration (mg/l) (iv) Actual thickened sludge production rate (Flow rate, m/hr multiplied by hr/day)	**:**	Yes 113.4 m3 7 m/hr
29.	Sludge Digester (i) Digester Volume m^3 (ii) Thickening sludge BOD & COD mg/l (iii) Actual digester sludge production rate(flow rate m^3/hr multiplied by hr/day)	**:**	No
30.	Biogas produced, if any and its composition	**:**	No
31.	Operational status of gas utilization	**:**	No

32.	Power generation, if any	:	No
33.	STP connected to sewerage network (Yes/ NO)		No
34.	Mode of receiving raw sewage through (open drain/ sewerage network/ both)	:	Both.
35.	Disposal of treated sewage (river/lake/irrigation/land/pisciculture/aquaculture/and other) Any plan for reuse of treated sewage	:	River
	In case Land disposal (land & agreement details)/	:	No
	Recycling and reuse of treated sewage If reuse by Industry/organization (name of unit and contract)	:	Yes Reused treated water for cleaning and gardening etc (Nagar Nigam Allahabad)
	Route of treated sewage to reach river	:	Closed Conduit
36.	Bypass arrangement at STP/CETP, if any	:	No
37.	Bypass observed at time of inspection (Yes/No) If yes pictures and description	:	No
38.	Method of sludge disposal description and status (Satisfactory/unsatisfactory)	:	Used for filling low-lying areas Satisfactory
39.	Operation and maintenance of Sewage Treatment Plant (Satisfactory/unsatisfactory)	:	Satisfactory
40.	If unsatisfactory, details of major flaws observed	:	-
41.	Power requirement	:	From UPPCL Power Grid: STP: 230kWh/DAY
42.	Status of power availability for uninterrupted and continuous running of STP. Provide details of standby arrangement , if any	:	Diesel Generator
43.	Annual expenditure on O & M & STP	:	O&M Charges: Rs. 120.90 lakh

			Power Charges: Rs. 108.18 lakh
44.	Consent Status from State Pollution Control Board/Pollution Control Committee (Water & Air)	:	Available
45.	Sewage generated (in MLD) in the area covered under STP	:	14 MLD
46.	Details of proposed or ongoing augmentation or upgradation of capacity or any new STP under construction	:	-
47.	Augmentation of STPs for achieving stricter norms	:	-
48.	Volume of industrial waste being mixed in sewage, if any.	:	No
49.	Status of maintenance of log Books (inlet & outlet flow, pump operations, electricity, maintenance/breakdown maintenance)	:	Available
50.	Influent and Effluent quality monitoring schedule in own lab (parameter wise)	:	Daily
51.	Status of Skilled/trained Manpower (operation & laboratory)	:	Available
52.	Status of Environmental Laboratory facility	:	In house lab is functional. In addition, sample testing is also being done by UPPCB, NABL accredited lab.
53.	Status of Online Monitoring System (OCEMS) (Installed/not installed and connected to CPCB/SPCB server or not) Compliance to be verified of direction dated	:	Installed, connected to CPCB server.
54.	Flow diagram of treatment (to be attached)	:	Available

Process Flow diagram of treatment: 14 MLD STP Salori SBR Base Technology.





Pic 1 Primary unit



Pic 2 SBR Basin



Pic 3 Decanter



Pic 4 CCT

Format for monitoring of Sewage Treatment Plants (STPs/CETPs)

1.	**Name/Location of STP/CETP (full address)**		**:**	60 MLD STP Plant, Rajapur, Prayagraj, U.P.
2.	**Coordinates** **(In decimal units e.g. 12.34567˚)**	**Latitude** **Longitude**	**:**	25.491616 81.840986
3.	**Designed capacity of STP and** **Treatment Technology**		**:**	60 MLD Upflow Anaerobic Sludge Blanket Reactor (UASB)
4.	**a. Date of monitoring and starting time**		**:**	28.03.2024, 1:50 PM
	b. Type of sampling (Grab or Composite)			Grab
	c. If composite mentioned total hours and interval (eg. 12 hr composite at 2		**:**	-
5.	Agency/organisation responsible for O&M (Name of agency & contact person, Mob., E-mail)		**:**	M/s Prayagraj Water Private limited Rahul Aazad, Mob - 9582476043
6.	Whether Operation through Sub contractor, if any, details thereof with contact information (Name of agency, contact person with designation, Mob., E-mail)		**:**	No
7.	Year of commissioning (Operational since)		**:**	2021
8.	a. Operational/Non-functional/Non-operational (be specific in functionality status) b. Reason, if non-functional/non-operational and time since non-functional/non-operational		**:** **:**	Operational
9.	(A) STP designed parameter – Inlet (flow, BOD, COD, TSS etc.& mentioned values of designed parameter)		**:**	Design Cacpacity- 60 MLD pH - < 9.0 BOD-250 ppm, COD-500 ppm,

			TSS-500 ppm
	(B) STP designed parameter - Outlet (flow, BOD, COD, TSS etc.& mentioned values of designed parameter)		pH – 6.5 – 9.0 BOD-20 ppm, TSS-30 ppm, Fecal Coliform-1000 MPN/100 ml
10.	Utilized Capacity as reported by operator **or** verified from log book (MLD)	**:**	80 MLD
11.	Actual treatment (Inflow during visit) (m^3/hr x hrs.)	**:**	2924 m3/hr
12.	If operating under designed capacity, give reason	**:**	No
13.	Flow meter/v-notch at Inlet of STP & reading	**:**	Available
14.	Flow meter/v-notch at Outlet of STP & reading	**:**	Available
15.	Fresh water supply source (in STP premises) if any, details (source, water consumption status, logbook, meter)	**:**	Bore Well
16.	**Raw sewage characteristics** pH COD BOD TSS TDS (also FDS for CETPs) Total Nitrogen Total Phosphorus	**:**	Sample collected by Committee during joint visit. Test Report **attached.**

	Sulphate Nitrate, Phosphate, Ammonical Nitrogen Chloride Faecal Coliform Total Coliform Heavy metal (For Kanpur STPs)		
17.	Details of transfer sump	:	Pumping Station
18.	Pre-treatment if any, details (screen, Equalization Tank)	:	Receiving Chamber & Screening
19.	Primary-treatment if any, details (Oil and Grease trap, grit, pre-settling tank)	:	Grit Chamber
20.	Primary Settling Tank (i) Primary Settling Tank Volume m^3 (ii) Settling Surface area m^3 (iii) Weir length m (iv) Retention Period (v) PST outlet pH, TSS, BOD, COD (mg/L) (vi) Underflow solids concentration mg/l or % (vii) Actual primary Sludge production rate (flow rate m^3/hr x hr/day) Availability of Mechanical Scrapper	:	NA
21.	No. of Biological Treatment stages	:	Three Stages: Upflow Anaerobic Sludge Blanket Reactor (UASBR) Aeration Tank Quiescent Zone

22.	**Treatment processes used in STP for sewage treatment along with order of the stage:**		
	Main technology used in treatment scheme: Upflow Anaerobic Sludge Blanket Reactor (UASBR) • Major Components of Treatment Scheme (Step wise) are as follows: **1. Sewage Pumping Station:** At two sewage pumping stations, raw sewage from house connections and tapped drains is collected here and then pumped to Main pumping station with the help of Submersible Pumps for further pumping to Sewage treatment plant. **1. Main Pumping Station:** Raw Sewage from house connections and tapped drains is collected here and then pumped to Pre-treatment unit with the help of Submersible Pumps for further treatment. **2. Pre-treatment Unit:** **a) Mechanical Screens:** This is the first unit of Treatment scheme. In this unit, waste present in raw sewage like plastics, paper, cloth pieces are removed. **b) Grit Removal unit:** After screening, raw sewage passes through this unit. In this unit, heavy solid materials that are "heavier" than the organic matter are removed. **3. Upflow Anaerobic Sludge Blanket Rector (UASBR):** This unit is used to reduce the organic matter measured as biochemical oxygen demand (BOD) and chemical oxygen demand (COD). UASBR uses an anaerobic process whilst forming a blanket of sludge which suspends in the tank. Wastewater flows upwards through the blanket and is processed (degraded) by the anaerobic microorganisms. **4. Aeration Tank:** In this unit, dissolved oxygen (DO) of the effluent is improved with the help of surface aerators. **5. Quiescent Zone:** In this unit, suspended solids are removed from effluent as it is passed through a passage with higher retention time which allows solids to settle down through gravity. **6. Chlorine Contact Tank:** In this unit, chlorine is mixed in effluent for disinfection and to remove any harmful pathogens that are present in the water. **7. Sludge Dewatering Unit:** In this unit, concentration of wastewater obtained from Tubesettlers is increased beyond 20% (as per Concession Agreement) and converted into cake form for easy and cost-effective disposal of the same.		
23.	Process parameters of Anaerobic Process for example **A. UASB& Others** (i) No. of reactors (ii) Capacity of each reactor (iii) Average flow - (iv) HRT- (v) UASB outlet BOD, COD, TSS (mg/l)	**:**	Available 02 30 MLD 2500 m3/hr 10.27 hr

24.	Process parameters of Aerobic Process for example **B. Activated Sludge Process** (i) Waste sludge generation (flow rate m^3/hr multiplied by hr/day) (ii) Waste sludge solids (TSS) concentration mg/l (iii) ASP outlet pH, TSS, COD, BOD **Aeration Tank** (i) Aeration Tank volume m^3 (ii) Retention period (iii) Mixed Liquor MLSS, MLVSS&DO mg/l (iv) Aeration Capacity KW or HP (v) Related aeration capacity Kg/KW hr **Secondary Settling Tank** (i) Secondary Settling tank volume m^3 (ii) Settling Surface area m^2 (iii) Retention period (iv) Weir length m (v) Return flow rates m^3/hr or m^3/day (vi) Return flow solids (TSS) concentration	:	 No Available 34560 m3/hr 14 Hrs Available: Quiescent Zone 60,000 m3 24 Hrs
25.	Tertiary Treatment (Physico- Chemical) **(i) Coagulation and flocculation** **(ii) Dual Media Filter** **(iii) Adsorption** **(iv) Membrane Treatment** **(v) Any Other**	:	No
Disinfection System			
26.	Disinfection Technology Installed	:	Chlorination
	Name of Technology used	:	Chlorination
	Operational status (if Non-operational, Reasons)	:	Operational
	If chlorination based disinfection system a. Name of chemical/ form of chlorine	:	 Chlorine Gas

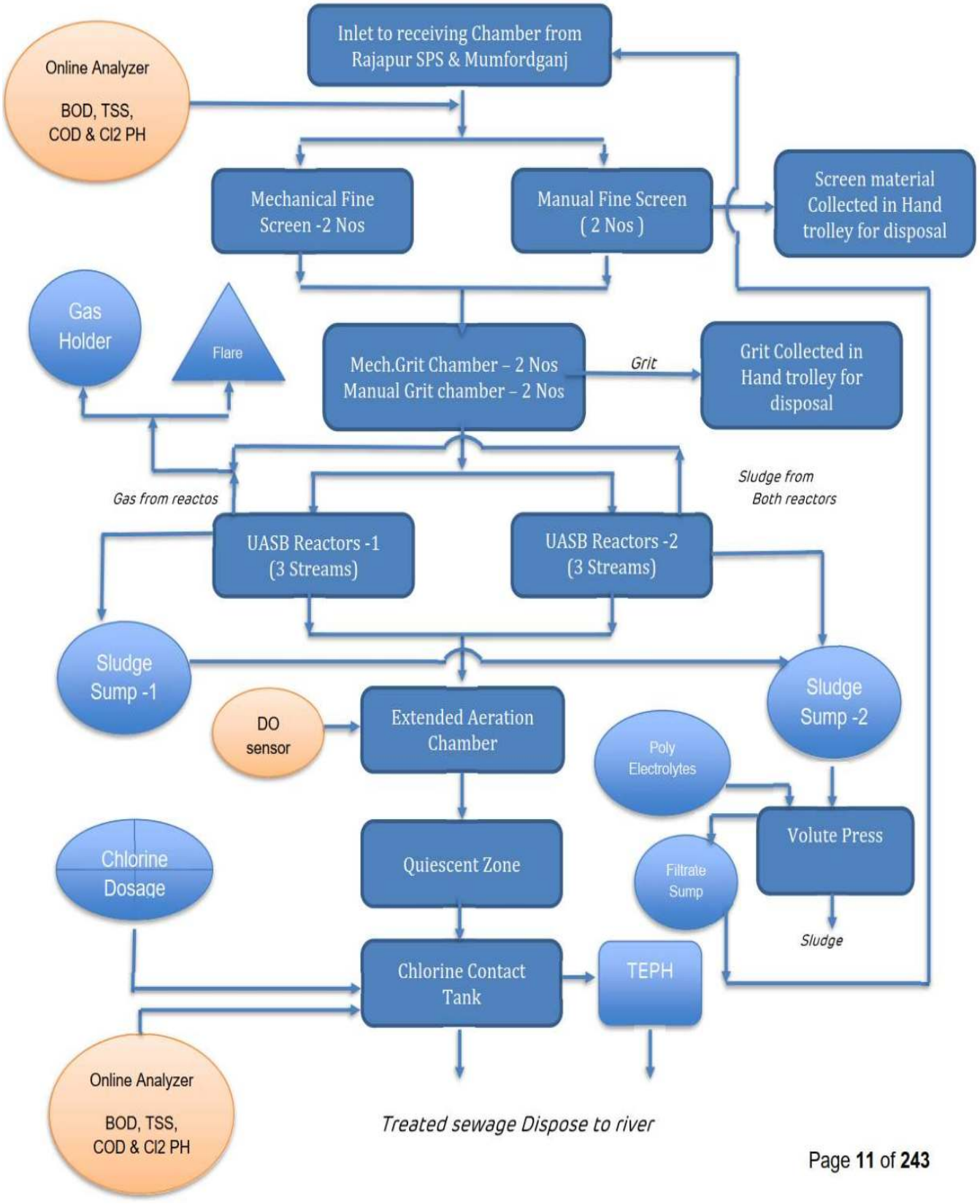
	b. Methodology (Mechanical/manual) c. Dosing Rate d. Type of chlorinator e. Chemical consumption record f. Dimension of the Chlorine contact tank g. Chlorine Contact Time/Retention time h. **Value of Residual Chlorine in treated sewage (ppm)** i. Methodology used for assessment of Residual chlorine : titrimetric method/ colorimetry (using ortho-toluidine or any other indicator)		Mechanical 6-15 Kg/Hr Chemical Consumption Record Available 30-45 Min 0.2-0.5 ppm OT & Chlorotext Indicator
	If Ozonation a. Pressure at which ozonation is performed b. Dosing rate (concentration of ozone dozed) c. Dosing tank Detail d. Contact time e. Flow rate of sewage	**:**	No
	If UV Treatment a. UV Dose (mJ/cm^2) b. Dosing tank Detail c. Flow rate of sewage	**:**	No
27.	**Treated sewage characteristics** Oil & Grease pH BOD COD TSS TDS (also FDS for CETP) Total Nitrogen Total Phosphorous Nitrate (as N) Ammonical Nitrogen (as N)	**:**	Sample collected by Committee during joint visit. **Test Report attached** (Compliance w.r.t. MoEF&CC Norms Notified on Dated 13th October,2017).

	Phosphate (as P) Chloride Faecal Coliform Total Coliform **Residual Chlorine (if doing chlorination)** (Heavy metal for Kanpur STPs) & Other parameters (DO & MLSS/MLVSS for Aeration tank)		
28.	Sludge Thickener (i) Volume m^3 (ii) Thickening Surface m^3 (iii) Underflow solids concentration (mg/l) (iv) Actual thickened sludge production rate (Flow rate, m/hr multiplied by hr/day)	**:**	No
29.	Sludge Digester (i) Digester Volume m^3 (ii) Thickening sludge BOD & COD mg/l (iii) Actual digester sludge production rate(flow rate m^3/hr multiplied by hr/day)	**:**	No
30.	Biogas produced, if any and its composition	**:**	No
31.	Operational status of gas utilization	**:**	-
32.	Power generation, if any	**:**	Solar Power Plant
33.	STP connected to sewerage network (Yes/ NO)		Yes
34.	Mode of receiving raw sewage through (open drain/ sewerage network/ both)	**:**	Both

35.	Disposal of treated sewage (river/lake/irrigation/land/pisciculture/aquaculture/and other) Any plan for reuse of treated sewage	:	River
	In case Land disposal (land & agreement details)/	:	No
	Recycling and reuse of treated sewage If reuse by Industry/organization (name of unit and contract)	:	No
	Route of treated sewage to reach river	:	Open Channel
36.	By Pass arrangement at STP/CETP, if any	:	Yes
37.	By pass observed at time of inspection (Yes/No) If yes pictures and description	:	No
38.	Method of sludge disposal description and status (Satisfactory/unsatisfactory)	:	Used for filling low-lying areas Satisfactory
39.	Operation and maintenance of Sewage Treatment Plant (Satisfactory/unsatisfactory)	:	Satisfactory
40.	If unsatisfactory, details of major flaws observed	:	No
41.	Power requirement	:	From UPPCL Power Grid: STP: 2120 KWH/DAY
42.	Status of power availability for uninterrupted and continuous running of STP. Provide details of standby arrangement , if any	:	Diesel Generator
43.	Annual expenditure on O & M & STP	:	O&M Charges: INR 258.60 Lakh Power & Diesel Charges: INR 93.63 Lakh

44.	Consent Status from State Pollution Control Board/Pollution Control Committee (Water & Air)	:	Available
45.	Sewage generated (in MLD) in the area covered under STP	:	80 MLD
46.	Details of proposed or ongoing augmentation or upgradation of capacity or any new STP under construction	:	For augmentation of capacity, one STP of 90 MLD has been sanctioned under Namami Gange Program. Financial bid has been opened and CBER sent to NMCG for approval
47.	Augmentation of STPs for achieving stricter norms	:	-
48.	Volume of industrial waste being mixed in sewage, if any.	:	No
49.	Status of maintenance of log Books (inlet & outlet flow, pump operations, electricity, maintenance/breakdown maintenance)	:	Available
50.	Influent and Effluent quality monitoring schedule in own lab (parameter wise)	:	Daily
51.	Status of Skilled/trained Manpower (operation & laboratory)	:	Available
52.	Status of Environmental Laboratory facility	:	In house lab is functional. In addition, sample testing is also being done by UPPCB, NABL accredited lab.
53.	Status of Online Monitoring System (OCEMS) (Installed/not installed and connected to CPCB/SPCB server or not) Compliance to be verified of direction dated	:	Installed, Connected to CPCB Server
54.	Flow diagram of treatment (to be attached)	:	Available
55.	Drains Tapping Status	:	7 nos drains visited and all are found properly tapped

Flow diagram of treatment:



Photographs Rajapur STP (60 MLD)



Pic.1. SCADA Room



Pic.2. Outlet Point



Pic.3. Rasoolabad Pakka ghat Drain



Pic.4. Rasoolabad Pakka ghat Drain

Format for monitoring of Sewage Treatment Plants (STPs/CETPs)

1.	**Name/Location of STP/CETP (full address)**		**:**	25 MLD STP Plant, Kodra, Prayagraj, U.P.
2.	**Coordinates**	**Latitude**	**:**	25.464832
	(In decimal units e.g. 12.34567°)	**Longitude**		81.776086
3.	**Designed capacity of STP and Treatment Technology**		**:**	25 MLD Bio-Tower + Activated Sludge Process (ASP)
4.	**a. Date of monitoring and starting time**		**:**	01.03.2024 ,12.30 pm
	b. Type of sampling (Grab or Composite)			Grab
	c. If composite mentioned total hours and interval (eg. 12 hr composite at 2 hr interval)		**:** **:**	-
5.	Agency/organisation responsible for O&M (Name of agency & contact person, Mob., E-mail)		**:**	M/s Prayagraj Water Private limited Rahul Aazad, Mob - 9582476043
6.	Whether Operation through Sub contractor, if any, details thereof with contact information (Name of agency, contact person with designation, Mob., E-mail)		**:**	No
7.	Year of commissioning (Operational since)		**:**	2020
8.	a. Operational/Non-functional/Non-operational (be specific in functionality status) b. Reason, if non-functional/non-operational and time since non-functional/non-operational		**:** **:**	Operational
9.	(A) STP designed parameter – Inlet (flow, pH, BOD, COD, TSS etc.& mentioned values of designed parameter)		**:**	Design Capacity- 25 MLD pH - < 9.0 BOD-250 ppm, COD-500 ppm,

			TSS-500 ppm
	(B) STP designed parameter - Outlet (pH, BOD, TSS, Fecal coliform etc.& mentioned values of designed parameter)		pH – 6.5 – 9.0 BOD-20 ppm, TSS-30 ppm, Faecal Coliform-1000 MPN/100 ml
10.	Utilized Capacity as reported by operator **or** verified from log book (MLD)	**:**	28 MLD
11.	Actual treatment (Inflow during visit) (m^3/hr x hrs.)	**:**	1835 m3/hr
12.	If operating under designed capacity, give reason	**:**	No
13.	Flow meter/v-notch at Inlet of STP & reading	**:**	Available
14.	Flow meter/v-notch at Outlet of STP & reading	**:**	Available
15.	Fresh water supply source (in STP premises) if any, details (source, water consumption status, logbook, meter)	**:**	Bore Well
16.	**Raw sewage characteristics** pH COD BOD TSS TDS (also FDS for CETPs) Total Nitrogen Total Phosphorus Sulphate	**:**	Sample collected by Committee during joint visit. Test Report **attached.**

	Nitrate, Phosphate, Ammonical Nitrogen Chloride Faecal Coliform Total Coliform Heavy metal (For Kanpur STPs)		
17.	Details of transfer sump	:	Pumping station
18.	Pre-treatment if any, details (screen, Equalization Tank)	:	Receiving Chamber & Screening
19.	Primary-treatment if any, details (Oil and Grease trap, grit, pre-settling tank)	:	Grit Chamber
20.	Primary Settling Tank (i) Primary Settling Tank Volume m^3 (ii) Settling Surface area m^3 (iii) Weir length m (iv) Retention Period (v) PST outlet pH, TSS, BOD, COD (mg/L) (vi) Underflow solids concentration mg/l or % (vii) Actual primary Sludge production rate (flow rate m^3/hr x hr/day) Availability of Mechanical Scrapper	:	No
21.	No. of Biological Treatment stages	:	Three Stages: Bio-Tower Aeration Tank Secondary Clarifier

22.	**Treatment processes used in STP for sewage treatment along with order of the stage:**		
	Main technology used in treatment scheme: Bio-Tower + Activated Sludge Process (ASP) • Major Components of Treatment Scheme (Step wise) are as follows: **1. Main Pumping Station:** Raw Sewage from house connections and tapped drains is collected here and then pumped to Pre-treatment unit with the help of Submersible Pumps for further treatment. **2. Pre-treatment Unit:** **a) Mechanical Screens:** This is the first unit of Treatment scheme. In this unit, waste present in raw sewage like plastics, paper, cloth pieces are removed. **b) Grit Removal unit:** After screening, raw sewage passes through this unit. In this unit, heavy solid materials that are "heavier" than the organic matter are removed. **3. Bio-Tower:** A Bio-Tower is basically a housing in which wastewater trickles through a bed of slime covered media and is treated by the action of the microorganisms in the slime layer, utilizing the contents of the wastewater as a food source. The filter media or packing provide the surface over which microorganisms grow. **4. Aeration Tank:** In this unit, activated sludge process is performed where air is added into the water with the help of Surface Aerators and diffused aeration system to encourage microbial growth. The microbes in the water feed on the organic material and form flocs that then settle out. **5. Secondary Clarifier:** In this unit, suspended solids are removed from effluent as it is passed through a tanks with higher retention time which allows solids to settle down through gravity. **6. Chlorine Contact Tank:** In this unit, chlorine is mixed in effluent for disinfection and to remove any harmful pathogens that are present in the water. **7. Sludge Dewatering Unit:** In this unit, concentration of wastewater obtained from Tubesettlers is increased beyond 20% (as per Concession Agreement) and converted into cake form for easy and cost-effective disposal of the same.		
23.	Process parameters of Anaerobic Process for example **A. UASB& Others** (i) No. of reactors (ii) Capacity of each reactor (iii) Average flow (iv) HRT (v) UASB outlet BOD, COD, TSS (mg/l)	**:**	No
24.	Process parameters of Aerobic Process for example **B. Activated Sludge Process** (i) Waste sludge generation (flow rate m^3/hr multiplied by hr/day) (ii) Waste sludge solids (TSS) concentration mg/l (iii) ASP outlet pH, TSS, COD, BOD	**:**	Available 1045.8 m^3/day 597.5 m^3/day

	Aeration Tank (i) Aeration Tank volume m^3 (ii) Retention period (iii) Mixed Liquor MLSS, MLVSS&DO mg/l (iv) Aeration Capacity KW or HP (v) Related aeration capacity Kg/KW hr **Secondary Settling Tank** (i) Secondary Settling tank volume m^3 (ii) Settling Surface area m^2 (iii) Retention period (iv) Weir length m (v) Return flow rates m^3/hr or m^3/day (vi) Return flow solids (TSS) concentration		Available 4189 m^3 3.88 Hr. Available 3384 m^3 562 m^2 168.3 m 3.1 hr.
25.	Tertiary Treatment (Physico- Chemical) **(i) Coagulation and flocculation** **(ii) Dual Media Filter** **(iii) Adsorption** **(iv) Membrane Treatment** **(v) Any Other**	**:**	No
Disinfection System			
26.	Disinfection Technology Installed	**:**	Chlorination
	Name of Technology used	**:**	Chlorine Diffusion System
	Operational status (if Non-operational, Reasons)	**:**	Operational
	If chlorination based disinfection system a. Name of chemical/ form of chlorine b. Methodology (Mechanical/manual) c. Dosing Rate d. Type of chlorinator e. Chemical consumption record f. Dimension of the Chlorine contact tank	**:**	 Chlorine Gas Mechanical 2-5 Kg/Hr Chemical Consumption Record Available

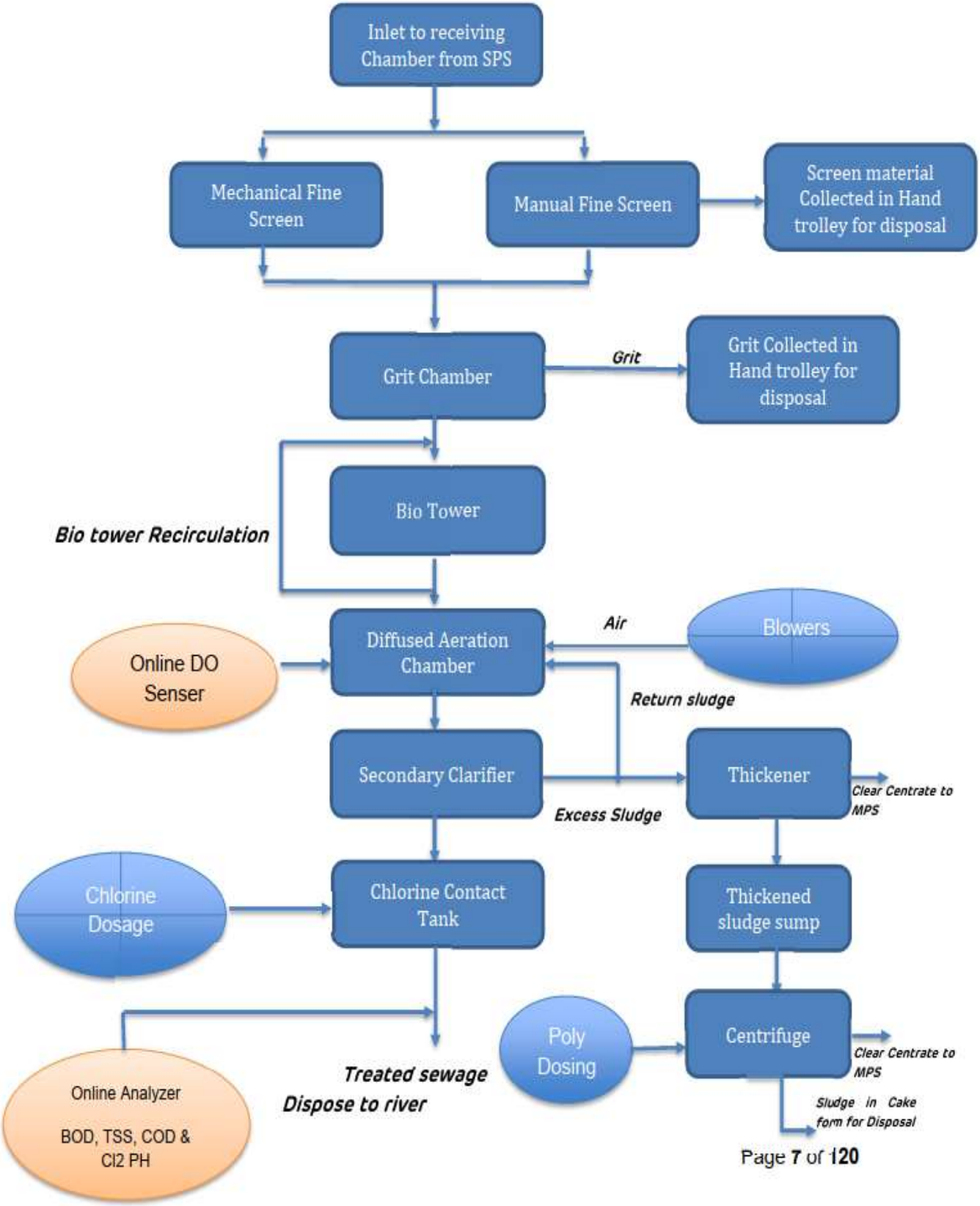
	g. Chlorine Contact Time/Retention time h. **Value of Residual Chlorine in treated sewage (ppm)** i. Methodology used for assessment of Residual chlorine : titrimetric method/ colorimetry (using ortho-toluidine or any other indicator)		30-45 Min 0.2-0.5 ppm OT & Chlorotex Indicator
	If Ozonation a. Pressure at which ozonation is performed b. Dosing rate (concentration of ozone dozed) c. Dosing tank Detail d. Contact time e. Flow rate of sewage	**:**	No
	If UV Treatment a. UV Dose (mJ/cm^2) b. Dosing tank Detail c. Flow rate of sewage	**:**	No
27.	**Treated sewage characteristics** Oil & Grease pH BOD COD TSS TDS (also FDS for CETP) Total Nitrogen Total Phosphorous Nitrate (as N) Ammonical Nitrogen (as N) Phosphate (as P) Chloride Faecal Coliform	**:**	Sample collected by Committee during joint visit. **Test Report attached** (Compliance w.r.t. MoEF&CC Norms Notified on Dated 13th October,2017).

	Total Coliform **Residual Chlorine (if doing chlorination)** (Heavy metal for Kanpur STPs) & Other parameters (DO & MLSS/MLVSS for Aeration tank)		
28.	Sludge Thickener (i) Volume m^3 (ii) Thickening Surface m^3 (iii) Underflow solids concentration (mg/l) (iv) Actual thickened sludge production rate (Flow rate, m/hr multiplied by hr/day)	:	Available
29.	Sludge Digester (i) Digester Volume m^3 (ii) Thickening sludge BOD & COD mg/l (iii) Actual digester sludge production rate(flow rate m^3/hr multiplied by hr/day)	:	No
30.	Biogas produced, if any and its composition	:	No
31.	Operational status of gas utilization	:	-
32.	Power generation, if any	:	Solar Power Plant
33.	STP connected to sewerage network (Yes/ NO)		Yes
34.	Mode of receiving raw sewage through (open drain/ sewerage network/ both)	:	Both
35.	Disposal of treated sewage (river/lake/irrigation/land/pisciculture/aquaculture/and other) Any plan for reuse of treated sewage	:	River
	In case Land disposal (land & agreement details)/	:	No

	Recycling and reuse of treated sewage If reuse by Industry/organization (name of unit and contract)	:	No
	Route of treated sewage to reach river	:	Open Channel
36.	By Pass arrangement at STP/CETP, if any	:	No
37.	By pass observed at time of inspection (Yes/No) If yes pictures and description	:	No
38.	Method of sludge disposal description and status (Satisfactory/unsatisfactory)	:	Used for filling low-lying areas Satisfactory
39.	Operation and maintenance of Sewage Treatment Plant (Satisfactory/unsatisfactory)	:	Satisfactory
40.	If unsatisfactory, details of major flaws observed	:	-
41.	Power requirement	:	From UPPCL Power Grid: STP: 2785 KWH/DAY
42.	Status of power availability for uninterrupted and continuous running of STP. Provide details of standby arrangement , if any	:	Diesel Generator
43.	Annual expenditure on O & M & STP	:	O&M Charges: INR 136.82 Lakh Power & Diesel Charges: INR 81.43 Lakh
44.	Consent Status from State Pollution Control Board/Pollution Control Committee (Water & Air)	:	Available
45.	Sewage generated (in MLD) in the area covered under STP	:	28 MLD
46.	Details of proposed or ongoing augmentation or upgradation of capacity or any new STP under construction	:	-

47.	Augmentation of STPs for achieving stricter norms	:	-
48.	Volume of industrial waste being mixed in sewage, if any.	:	No
49.	Status of maintenance of log Books (inlet & outlet flow, pump operations, electricity, maintenance/breakdown maintenance)	:	Available
50.	Influent and Effluent quality monitoring schedule in own lab (parameter wise)	:	Daily
51.	Status of Skilled/trained Manpower (operation & laboratory)	:	Available
52.	Status of Environmental Laboratory facility	:	In house lab is functional. In addition, sample testing is also being done by UPPCB, NABL accredited lab.
53.	Status of Online Monitoring System (OCEMS) (Installed/not installed and connected to CPCB/SPCB server or not) Compliance to be verified of direction dated 10.08.2020	:	Installed, connected to CPCB server.
54.	Flow diagram of treatment (to be attached)	:	Available
55.	Drains Tapping Status	:	1 no drain visited and found properly tapped.

Flow diagram of treatment:



Photographs Kodra STP (25 MLD)



Pic.1. Inlet Point



Pic.2. Outlet Point



Pic.3. PLC Room



Pic.4. Outfall Area

Format for monitoring of Sewage Treatment Plants (STPs/CETPs)

1.	**Name/Location of STP/CETP (full address)**		**:**	10 MLD STP Plant, Ponghat Prayagraj, U.P.
2.	**Coordinates** **(In decimal units e.g. 12.34567˚)**	**Latitude** **Longitude**	**:**	25.460638 81.758577
3.	**Designed capacity of STP and** **Treatment Technology**		**:**	10 MLD Bio-Tower + Activated Sludge Process (ASP)
4.	**a. Date of monitoring and starting time**		**:**	01.03.2024, 1:15 PM
	b. Type of sampling (Grab or Composite)			Grab
	c. If composite mentioned total hours and interval (eg. 12 hr composite at 2 hr interval)		**:** **:**	-
5.	Agency/organisation responsible for O&M (Name of agency & contact person, Mob., E-mail)		**:**	M/s Prayagraj Water Private limited Rahul Aazad, Mob - 9582476043
6.	Whether Operation through Sub contractor, if any, details thereof with contact information (Name of agency, contact person with designation, Mob., E-mail)		**:**	No
7.	Year of commissioning (Operational since)		**:**	2020
8.	a. Operational/Non-functional/Non-operational (be specific in functionality status) b. Reason, if non-functional/non-operational and time since non-functional/non-operational		**:** **:**	Operational
9.	(A) STP designed parameter – Inlet (flow, pH, BOD, COD, TSS etc.& mentioned values of designed parameter)		**:**	Design Capacity- 10 MLD pH - < 9.0 BOD-250 ppm, COD-500 ppm,

			TSS-500 ppm
	(B) STP designed parameter - Outlet (pH, BOD, TSS, Fecal coliform etc.& mentioned values of designed parameter)		pH – 6.5 – 9.0 BOD-20 ppm, TSS-30 ppm, Faecal Coliform-1000 MPN/100 ml
10.	Utilized Capacity as reported by operator **or** verified from log book (MLD)	**:**	12 MLD
11.	Actual treatment (Inflow during visit) (m^3/hr x hrs.)	**:**	869 m3/hr
12.	If operating under designed capacity, give reason	**:**	No
13.	Flow meter/v-notch at Inlet of STP & reading	**:**	Available
14.	Flow meter/v-notch at Outlet of STP & reading	**:**	Available
15.	Fresh water supply source (in STP premises) if any, details (source, water consumption status, logbook, meter)	**:**	Bore Well
16.	**Raw sewage characteristics** pH COD BOD TSS TDS (also FDS for CETPs) Total Nitrogen Total Phosphorus	**:**	Sample collected by Committee during joint visit. Test Report **attached.**

	Sulphate Nitrate, Phosphate, Ammonical Nitrogen Chloride Faecal Coliform Total Coliform Heavy metal (For Kanpur STPs)		
17.	Details of transfer sump	:	Pumping Station
18.	Pre-treatment if any, details (screen, Equalization Tank)	:	Receiving Chamber & Screening
19.	Primary-treatment if any, details (Oil and Grease trap, grit, pre-settling tank)	:	Grit Chamber
20.	Primary Settling Tank (i) Primary Settling Tank Volume m^3 (ii) Settling Surface area m^3 (iii) Weir length m (iv) Retention Period (v) PST outlet pH, TSS, BOD, COD (mg/L) (vi) Underflow solids concentration mg/l or % (vii) Actual primary Sludge production rate (flow rate m^3/hr x hr/day) Availability of Mechanical Scrapper	:	No
21.	No. of Biological Treatment stages	:	Three Stages: Bio-Tower Aeration Tank Secondary Clarifier
22.	**Treatment processes used in STP for sewage treatment along with order of the stage:**		

	Main technology used in treatment scheme: Bio-Tower + Activated Sludge Process (ASP) • Major Components of Treatment Scheme (Step wise) are as follows: **1. Main Pumping Station:** Raw Sewage from house connections and tapped drains is collected here and then pumped to Pre-treatment unit with the help of Submersible Pumps for further treatment. **2. Pre-treatment Unit:** **a) Mechanical Screens:** This is the first unit of Treatment scheme. In this unit, waste present in raw sewage like plastics, paper, cloth pieces are removed. **b) Grit Removal unit:** After screening, raw sewage passes through this unit. In this unit, heavy solid materials that are "heavier" than the organic matter are removed. **3. Bio-Tower:** A Bio-Tower is basically a housing in which wastewater trickles through a bed of slime covered media and is treated by the action of the microorganisms in the slime layer, utilizing the contents of the wastewater as a food source. The filter media or packing provide the surface over which microorganisms grow. **4. Aeration Tank:** In this unit, activated sludge process is performed where air is added into the water with the help of Surface Aerators and diffused aeration system to encourage microbial growth. The microbes in the water feed on the organic material and form flocs that then settle out. **5. Secondary Clarifier:** In this unit, suspended solids are removed from effluent as it is passed through a tanks with higher retention time which allows solids to settle down through gravity. **6. Chlorine Contact Tank:** In this unit, chlorine is mixed in effluent for disinfection and to remove any harmful pathogens that are present in the water. **7. Sludge Dewatering Unit:** In this unit, concentration of wastewater obtained from Tube settlers is increased beyond 20% (as per Concession Agreement) and converted into cake form for easy and cost-effective disposal of the same.		
23.	Process parameters of Anaerobic Process for example **A. UASB& Others** (i) No. of reactors (ii) Capacity of each reactor (iii) Average flow (iv) HRT (v) UASB outlet BOD, COD, TSS (mg/l)	**:**	No
24.	Process parameters of Aerobic Process for example **B. Activated Sludge Process** (i) Waste sludge generation (flow rate m^3/hr multiplied by hr/day) (ii) Waste sludge solids (TSS) concentration mg/l (iii) ASP outlet pH, TSS, COD, BOD **Aeration Tank**	**:**	Available 43.5 m^3/day

	(i) Aeration Tank volume m^3 (ii) Retention period (iii) Mixed Liquor MLSS, MLVSS&DO mg/l (iv) Aeration Capacity KW or HP (v) Related aeration capacity Kg/KW hr **Secondary Settling Tank** (i) Secondary Settling tank volume m^3 (ii) Settling Surface area m^2 (iii) Retention period (iv) Weir length m (v) Return flow rates m^3/hr or m^3/day (vi) Return flow solids (TSS) concentration		Available 1704 m^3 3.94 Hr. Available 1363 m^3 225 m^2 106.8 m 3.1 hr
25.	Tertiary Treatment (Physico- Chemical) (i) Coagulation and flocculation (ii) Dual Media Filter (iii) Adsorption (iv) Membrane Treatment **(v)** Any Other	**:**	No
Disinfection System			
26.	Disinfection Technology Installed	**:**	Chlorination
	Name of Technology used	**:**	Chlorine Diffusion system
	Operational status (if Non-operational, Reasons)	**:**	Operational
	If chlorination based disinfection system a. Name of chemical/ form of chlorine b. Methodology (Mechanical/manual) c. Dosing Rate d. Type of chlorinator e. Chemical consumption record f. Dimension of the Chlorine contact tank g. Chlorine Contact Time/Retention time h. **Value of Residual Chlorine in treated sewage (ppm)**	**:**	 Chlorine Gas Mechanical 2-5 Kg/Hr Chemical Consumption Record Available 30-45 Min 0.2-0.5 ppm

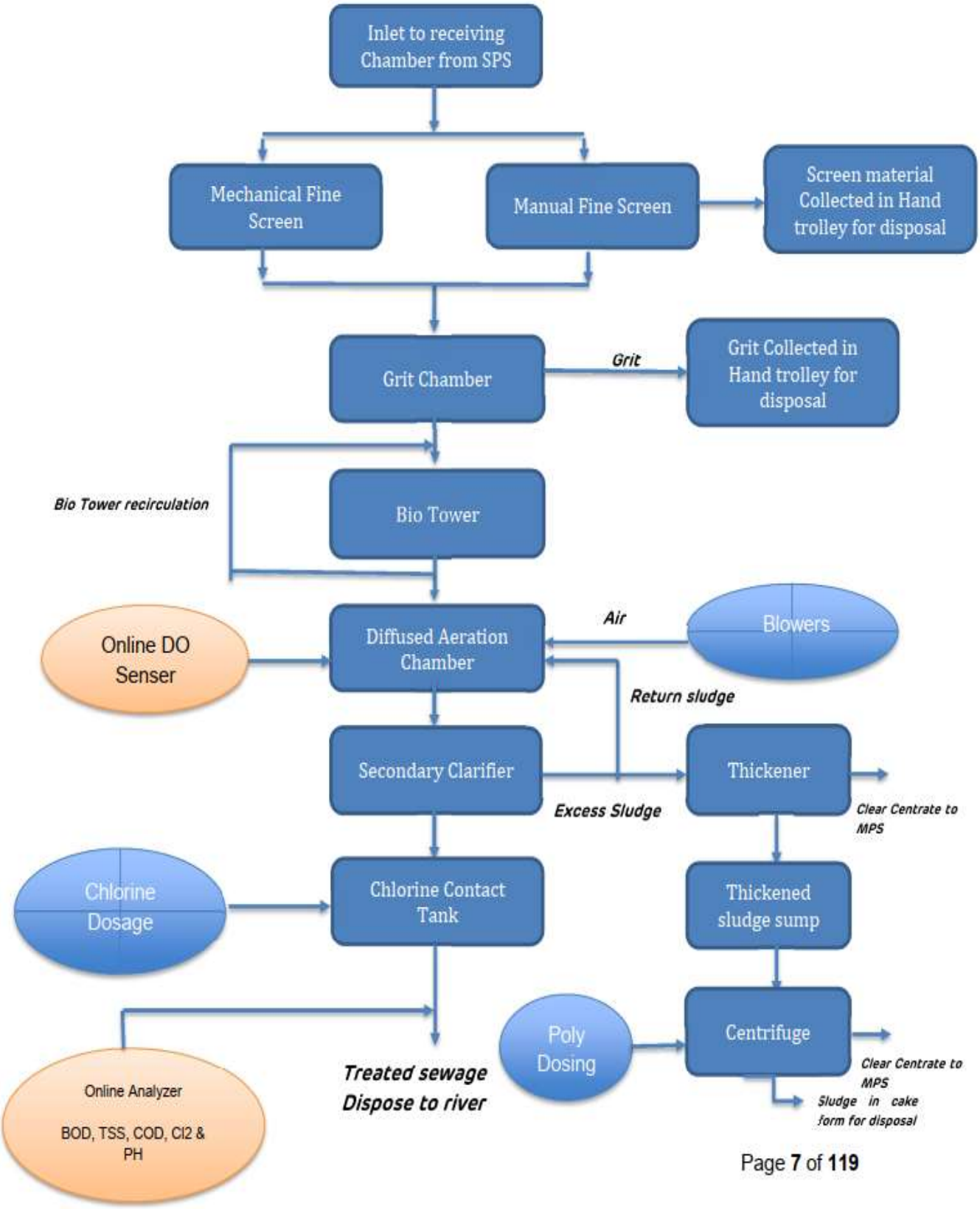
	i. Methodology used for assessment of Residual chlorine : titrimetric method/ colorimetry (using ortho-toluidine or any other indicator)		OT & Chlorotext Indicator
	If Ozonation a. Pressure at which ozonation is performed b. Dosing rate (concentration of ozone dozed) c. Dosing tank Detail d. Contact time e. Flow rate of sewage	:	No
	If UV Treatment a. UV Dose (mJ/cm^2) b. Dosing tank Detail c. Flow rate of sewage	:	No
27.	**Treated sewage characteristics** Oil & Grease pH BOD COD TSS TDS (also FDS for CETP) Total Nitrogen Total Phosphorous Nitrate (as N) Ammonical Nitrogen (as N) Phosphate (as P) Chloride Faecal Coliform Total Coliform	:	Sample collected by Committee during joint visit. **Test Report attached** (Compliance w.r.t. MoEF&CC Norms Notified on Dated 13th October,2017).

	Residual Chlorine (if doing chlorination) (Heavy metal for Kanpur STPs) & Other parameters (DO & MLSS/MLVSS for Aeration tank)		
28.	Sludge Thickener (i) Volume m^3 (ii) Thickening Surface m^3 (iii) Underflow solids concentration (mg/l) (iv) Actual thickened sludge production rate (Flow rate, m/hr multiplied by hr/day)	:	Available
29.	Sludge Digester (i) Digester Volume m^3 (ii) Thickening sludge BOD & COD mg/l (iii) Actual digester sludge production rate(flow rate m^3/hr multiplied by hr/day)	:	No
30.	Biogas produced, if any and its composition	:	No
31.	Operational status of gas utilization	:	-
32.	Power generation, if any	:	Solar Power Plant
33.	STP connected to sewerage network (Yes/ NO)		Yes
34.	Mode of receiving raw sewage through (open drain/ sewerage network/ both)	:	Both
35.	Disposal of treated sewage (river/lake/irrigation/land/pisciculture/aquaculture/and other) Any plan for reuse of treated sewage	:	River
	In case Land disposal (land & agreement details)/	:	No
	Recycling and reuse of treated sewage	:	No

	If reuse by Industry/organization (name of unit and contract)		
	Route of treated sewage to reach river	:	Open Channel
36.	By Pass arrangement at STP/CETP, if any	:	No
37.	By pass observed at time of inspection (Yes/No) If yes pictures and description	:	No
38.	Method of sludge disposal description and status (Satisfactory/unsatisfactory)	:	Used for filling low-lying areas Satisfactory
39.	Operation and maintenance of Sewage Treatment Plant (Satisfactory/unsatisfactory)	:	Satisfactory
40.	If unsatisfactory, details of major flaws observed	:	-
41.	Power requirement	:	From UPPCL Power Grid: STP: 1490 KWH/DAY
42.	Status of power availability for uninterrupted and continuous running of STP. Provide details of standby arrangement , if any	:	Diesel Generator
43.	Annual expenditure on O & M & STP	:	O&M Charges: INR 108.57 Lakh Power & Diesel Charges: INR 36.88 Lakh
44.	Consent Status from State Pollution Control Board/Pollution Control Committee (Water & Air)	:	Available
45.	Sewage generated (in MLD) in the area covered under STP	:	12 MLD
46.	Details of proposed or ongoing augmentation or upgradation of capacity or any new STP under construction	:	-
47.	Augmentation of STPs for achieving stricter norms	:	-

48.	Volume of industrial waste being mixed in sewage, if any.	:	No
49.	Status of maintenance of log Books (inlet & outlet flow, pump operations, electricity, maintenance/breakdown maintenance)	:	Available
50.	Influent and Effluent quality monitoring schedule in own lab (parameter wise)	:	Daily
51.	Status of Skilled/trained Manpower (operation & laboratory)	:	Available
52.	Status of Environmental Laboratory facility	:	In house lab is functional. In addition, sample testing is also being done by UPPCB, NABL accredited lab.
53.	Status of Online Monitoring System (OCEMS) (Installed/not installed and connected to CPCB/SPCB server or not) Compliance to be verified of direction dated	:	Installed & Connected to CPCB Server
54.	Flow diagram of treatment (to be attached)	:	Available
55.	Drains Tapping Status	:	1 no of drain visited and found properly tapped

Flow diagram of treatment:



Photographs Ponghat STP (10 MLD)



Pic. 1: STP Blower Room



Pic.2. : Outlet Area



Pic.3: Aeration Basins & Secondary Clarifier



Pic.4: Watching Layout Plan

Format for monitoring of Sewage Treatment Plants (STPs/CETPs)

1.	**Name/Location of STP/CETP (full address)**		**:**	14 MLD STP Plant, Phaphamau, Prayagraj, U.P.
2.	**Coordinates** **(In decimal units e.g. 12.34567˚)**	**Latitude**	**:**	25.524019
		Longitude		81.851310
3.	**Designed capacity of STP and** **Treatment Technology**		**:**	14 MLD Organica Technology (Food Chain Reactor)
4.	**a. Date of monitoring and starting time**		**:**	01.03.2024, 5:35 pm
	b. Type of sampling (Grab or Composite)			Grab
	c. If composite mentioned total hours and interval (eg. 12 hr composite at 2 hr interval)		**:**	-
5.	Agency/organisation responsible for O&M (Name of agency & contact person, Mob., E-mail)		**:**	M/s Prayagraj Water Private limited Rahul Aazad, Mob - 9582476043
6.	Whether Operation through Sub contractor, if any, details thereof with contact information (Name of agency, contact person with designation, Mob., E-mail)		**:**	No
7.	Year of commissioning (Operational since)		**:**	2023
8.	a. Operational/Non-functional/Non-operational (be specific in functionality status) b. Reason, if non-functional/non-operational and time since non-functional/non-operational		**:** **:**	Operational
9.	(A) STP designed parameter – Inlet (flow, pH, BOD, COD, TSS etc.& mentioned values of designed parameter)		**:**	Design Cacpacity- 14 MLD pH - < 9.0 BOD-250 ppm, COD-500 ppm, TSS-500 ppm

	(B) STP designed parameter - Outlet (pH, BOD, TSS, Fecal coliform etc.& mentioned values of designed parameter)		pH – 6.5 – 9.0 BOD-30 ppm, TSS-100 ppm, Fecal Coliform-1000 MPN/100 ml
10.	Utilized Capacity as reported by operator **or** verified from logbook (MLD)	**:**	15 MLD
11.	Actual treatment (Inflow during visit) (m^3/hr x hrs.)	**:**	684.5 m3/hr
12.	If operating under designed capacity, give reason	**:**	No
13.	Flow meter/v-notch at Inlet of STP & reading	**:**	Available
14.	Flow meter/v-notch at Outlet of STP & reading	**:**	Available
15.	Fresh water supply source (in STP premises) if any, details (source, water consumption status, logbook, meter)	**:**	Bore Well
16.	**Raw sewage characteristics** pH COD BOD TSS TDS (also FDS for CETPs) Total Nitrogen Total Phosphorus Sulphate Nitrate, Phosphate, Ammonical Nitrogen	**:**	Sample collected by Committee during joint visit. Test Report **attached.**

	Chloride Faecal Coliform Total Coliform Heavy metal (For Kanpur STPs)		
17.	Details of transfer sump	:	Pumping Station
18.	Pre-treatment if any, details (screen, Equalization Tank)	:	Receiving Chamber & Screening
19.	Primary-treatment if any, details (Oil and Grease trap, grit, pre-settling tank)	:	Grit Chamber
20.	Primary Settling Tank (i) Primary Settling Tank Volume m^3 (ii) Settling Surface area m^3 (iii) Weir length m (iv) Retention Period (v) PST outlet pH, TSS, BOD, COD (mg/L) (vi) Underflow solids concentration mg/l or % (vii) Actual primary Sludge production rate (flow rate m^3/hr x hr/day) Availability of Mechanical Scrapper	:	No
21.	No. of Biological Treatment stages	:	Two Stages: Food Chain Reactor (FCR) Tubesettlers
22.	**Treatment processes used in STP for sewage treatment along with order of the stage:**		
	Main technology used in treatment scheme: Food Chain Reactor (FCR) • Major Components of Treatment Scheme (Step wise) are as follows: **1. Sewage Pumping Station:** At two sewage pumping stations, raw sewage from house connections and tapped drains is collected here and then pumped to Main pumping station with the help of Submersible Pumps for further pumping to Sewage treatment plant. **2. Main Pumping Station:** Raw Sewage from house connections and tapped drains is collected here and then pumped to Pre-treatment unit with the help of Submersible Pumps for further treatment. **3. Pre-treatment Unit:** **a) Mechanical Screens:** This is the first unit of Treatment scheme. In this unit, waste present in raw sewage like plastics, paper, cloth pieces are removed. **b) Grit Removal unit:** After screening, raw sewage passes through this unit. In this unit, heavy solid materials that are "heavier" than the organic matter are removed. **4. Food Chain Reactor (FCR):** This unit is used to reduce the organic matter measured as biochemical oxygen demand (BOD) and chemical oxygen demand (COD) through artificial		

	aeration i.e. via blowers. It uses natural (plant roots) as well as engineered media (inspired by root structures) to allow growth of biomass that gobbles up the incoming organic load in the raw sewage. **5. Tubesettlers:** In this unit, suspended solids are removed from effluent as it is passed through tanks with higher retention time which allows solids to settle down through gravity. **6. Chlorine Contact Tank:** In this unit, chlorine is mixed in effluent for disinfection and to remove any harmful pathogens that are present in the water. **7. Sludge Dewatering Unit:** In this unit, concentration of wastewater obtained from Tubesettlers is increased beyond 20% (as per Concession Agreement) and converted into cake form for easy and cost-effective disposal of the same.		
23.	Process parameters of Anaerobic Process for example **A. UASB& Others** (i) No. of reactors (ii) Capacity of each reactor (iii) Average flow (iv) HRT (v) UASB outlet BOD, COD, TSS (mg/l)	**:**	No
24.	Process parameters of Aerobic Process for example **B. Activated Sludge Process** (i) Waste sludge generation (flow rate m^3/hr multiplied by hr/day) (ii) Waste sludge solids (TSS) concentration mg/l (iii) ASP outlet pH, TSS, COD, BOD **Aeration Tank** (i) Aeration Tank volume m^3 (ii) Retention period (iii) Mixed Liquor MLSS, MLVSS&DO mg/l (iv) Aeration Capacity KW or HP (v) Related aeration capacity Kg/KW hr **Secondary Settling Tank** (i) Secondary Settling tank volume m^3 (ii) Settling Surface area m^2 (iii) Retention period (iv) Weir length m (v) Return flow rates m^3/hr or m^3/day	**:**	NO Available 2700 m^3 4.5 Hr. Available 650 m^3

	(vi) Return flow solids (TSS) concentration		1.0 Hr
25.	Tertiary Treatment (Physico- Chemical) **(i) Coagulation and flocculation** **(ii) Dual Media Filter** **(iii) Adsorption** **(iv) Membrane Treatment** **(v) Any Other**	**:**	No
Disinfection System			
26.	Disinfection Technology Installed	**:**	Chlorination
	Name of Technology used	**:**	Chlorine diffusion system
	Operational status (if Non-operational, Reasons)	**:**	Operational
	If chlorination based disinfection system a. Name of chemical/ form of chlorine b. Methodology (Mechanical/manual) c. Dosing Rate d. Type of chlorinator e. Chemical consumption record f. Dimension of the Chlorine contact tank g. Chlorine Contact Time/Retention time h. **Value of Residual Chlorine in treated sewage (ppm)** i. Methodology used for assessment of Residual chlorine : titrimetric method/ colorimetry (using ortho-toluidine or any other indicator)	**:**	 Chlorine Gas Mechanical 2-5 Kg/Hr Chemical Consumption Record Available 30-45 Min 0.2-0.5 ppm OT & Chlorotext Indicator
	If Ozonation a. Pressure at which ozonation is performed	**:**	No

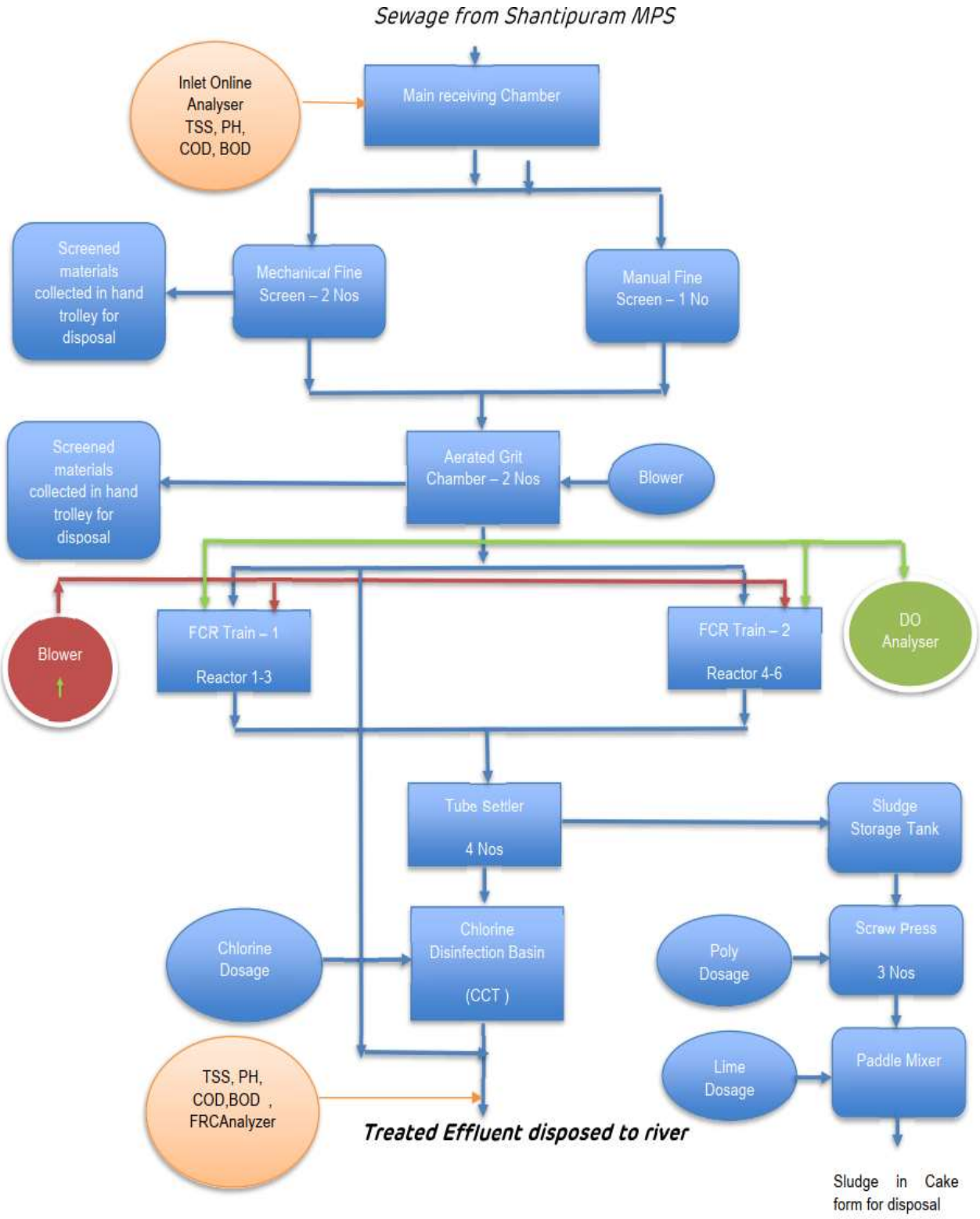
	b. Dosing rate (concentration of ozone dozed) c. Dosing tank Detail d. Contact time e. Flow rate of sewage		
	If UV Treatment a. UV Dose (mJ/cm^2) b. Dosing tank Detail c. Flow rate of sewage	**:**	No
27.	**Treated sewage characteristics** Oil & Grease pH BOD COD TSS TDS (also FDS for CETP) Total Nitrogen Total Phosphorous Nitrate (as N) Ammonical Nitrogen (as N) Phosphate (as P) Chloride Faecal Coliform Total Coliform **Residual Chlorine (if doing chlorination)** (Heavy metal for Kanpur STPs) &	**:**	Sample collected by Committee during joint visit. **Test Report attached** (Compliance w.r.t. MoEF&CC Norms Notified on Dated 13th October,2017).

	Other parameters (DO & MLSS/MLVSS for Aeration tank)		
28.	Sludge Thickener (i) Volume m^3 (ii) Thickening Surface m^3 (iii) Underflow solids concentration (mg/l) (iv) Actual thickened sludge production rate (Flow rate, m/hr multiplied by hr/day)	:	No
29.	Sludge Digester (i) Digester Volume m^3 (ii) Thickening sludge BOD & COD mg/l (iii) Actual digester sludge production rate(flow rate m^3/hr multiplied by hr/day)	:	No
30.	Biogas produced, if any and its composition	:	No
31.	Operational status of gas utilization	:	-
32.	Power generation, if any	:	Solar Power Plant
33.	STP connected to sewerage network (Yes/ NO)		Yes
34.	Mode of receiving raw sewage through (open drain/ sewerage network/ both)	:	Both
35.	Disposal of treated sewage (river/lake/irrigation/land/pisciculture/aquaculture/and other) Any plan for reuse of treated sewage	:	River
	In case Land disposal (land & agreement details)/	:	No
	Recycling and reuse of treated sewage If reuse by Industry/organization (name of unit and contract)	:	No
	Route of treated sewage to reach river	:	Closed Conduit
36.	Bypass arrangement at STP/CETP, if any	:	Yes
37.	Bypass observed at time of inspection (Yes/No) If yes pictures and description	:	No

38.	Method of sludge disposal description and status (Satisfactory/unsatisfactory)	:	Used for filling low-lying areas Satisfactory
39.	Operation and maintenance of Sewage Treatment Plant (Satisfactory/unsatisfactory)	:	Satisfactory
40.	If unsatisfactory, details of major flaws observed	:	-
41.	Power requirement	:	From UPPCL Power Grid: STP: 1605 KWH/DAY
42.	Status of power availability for uninterrupted and continuous running of STP. Provide details of standby arrangement , if any	:	Diesel Generator
43.	Annual expenditure on O & M & STP	:	O&M Charges: INR 115.00 lakh Power & Diesel Charges: INR 115.51 lakh
44.	Consent Status from State Pollution Control Board/Pollution Control Committee (Water & Air)	:	Available
45.	Sewage generated (in MLD) in the area covered under STP	:	15 MLD
46.	Details of proposed or ongoing augmentation or upgradation of capacity or any new STP under construction	:	-
47.	Augmentation of STPs for achieving stricter norms	:	-
48.	Volume of industrial waste being mixed in sewage, if any.	:	No
49.	Status of maintenance of log Books (inlet & outlet flow, pump operations, electricity, maintenance/breakdown maintenance)	:	Available
50.	Influent and Effluent quality monitoring schedule in own lab (parameter wise)	:	Daily
51.	Status of Skilled/trained Manpower (operation & laboratory)	:	Available
52.	Status of Environmental Laboratory facility	:	In house lab is functional. In addition, sample testing is also being done by UPPCB, NABL accredited lab.
53.	Status of Online Monitoring System (OCEMS) (Installed/not installed and connected to CPCB/SPCB server or not) Compliance to be verified of direction dated	:	Installed, connected to CPCB server.

54.	Flow diagram of treatment (to be attached)	:	Available
55.	Drains Tapping Status	:	2 nos drains visited and both are found properly tapped

Flow diagram of treatment:



Photographs Phaphamau STP (14 MLD)



Pic. 1. Primary Unit



Pic. 2. FCR Tank



Pic.3. PLC Room



Pic.4. Admin Building

Format for monitoring of Sewage Treatment Plants (STPs/CETPs)

1.	**Name/Location of STP/CETP (full address)**		**:**	42 MLD STP Plant, Naini-II, Prayagraj, U.P.
2.	**Coordinates**	**Latitude**	**:**	25.417598
	(In decimal units e.g. 12.34567˚)	**Longitude**		81.871130
3.	**Designed capacity of STP and**		**:**	42 MLD
	Treatment Technology			Organica Technology (Food Chain Reactor)
4.	**a. Date of monitoring and starting time**		**:**	29.02.2024, 04.46 pm
	b. Type of sampling (Grab or Composite)			Grab
	c. If composite mentioned total hours and interval (eg. 12 hr composite at 2 hr interval)		**:** **:**	-
5.	Agency/organisation responsible for O&M (Name of agency & contact person, Mob., E-mail)		**:**	M/s Prayagraj Water Private limited Rahul Aazad, Mob - 9582476043
6.	Whether Operation through Sub contractor, if any, details thereof with contact information (Name of agency, contact person with designation, Mob., E-mail)		**:**	No
7.	Year of commissioning (Operational since)		**:**	2023
8.	a. Operational/Non-functional/Non-operational (be specific in functionality status) b. Reason, if non-functional/non-operational and time since non-functional/non-operational		**:** **:**	Operational
9.	(A) STP designed parameter – Inlet (flow, pH, BOD, COD, TSS etc.& mentioned values of designed parameter)		**:**	Design Capacity- 42 MLD pH - < 9.0 BOD-250 ppm, COD-500 ppm, TSS-500 ppm
	(B) STP designed parameter - Outlet (pH, BOD, TSS, Fecal coliform etc.& mentioned values of designed parameter)			pH – 6.5 – 9.0 BOD-30 ppm, TSS-100 ppm, Fecal Coliform-1000 MPN/100 ml

10.	Utilized Capacity as reported by operator **or** verified from log book (MLD)	**:**	35 MLD
11.	Actual treatment (Inflow during visit) (m^3/hr x hrs.)	**:**	1602 m3/hr
12.	If operating under designed capacity, give reason	**:**	Yes, Flow will increase gradually as STP is designed for the year 2033
13.	Flow meter/v-notch at Inlet of STP & reading	**:**	Available
14.	Flow meter/v-notch at Outlet of STP & reading	**:**	Available
15.	Fresh water supply source (in STP premises) if any, details (source, water consumption status, logbook, meter)	**:**	Bore well
16.	**Raw sewage characteristics** pH COD BOD TSS TDS (also FDS for CETPs) Total Nitrogen Total Phosphorus Sulphate Nitrate, Phosphate, Ammonical Nitrogen Chloride Faecal Coliform Total Coliform Heavy metal (For Kanpur STPs)	**:**	Sample collected by Committee during joint visit. Test Report **attached.**
17.	Details of transfer sump	**:**	Pumping Station
18.	Pre-treatment if any, details	**:**	Receiving Chamber & Screening

	(screen, Equalization Tank)		
19.	Primary-treatment if any, details (Oil and Grease trap, grit, pre-settling tank)	:	Grit Chamber
20.	Primary Settling Tank (i) Primary Settling Tank Volume m^3 (ii) Settling Surface area m^3 (iii) Weir length m (iv) Retention Period (v) PST outlet pH, TSS, BOD, COD (mg/L) (vi) Underflow solids concentration mg/l or % (vii) Actual primary Sludge production rate (flow rate m^3/hr x hr/day) Availability of Mechanical Scrapper	:	No
21.	No. of Biological Treatment stages	:	Two Stages: Food Chain Reactor (FCR) Tubesettlers
22.	**Treatment processes used in STP for sewage treatment along with order of the stage:**		

Main technology used in treatment scheme: Food Chain Reactor (FCR)

- Major Components of Treatment Scheme (Step wise) are as follows:
  1. **Sewage Pumping Station:** At two sewage pumping stations, raw sewage from tapped drains is collected here and then pumped to Main pumping station with the help of Submersible Pumps for further pumping to Sewage treatment plant.
  2. **Main Pumping Station:** Raw Sewage from tapped drains is collected here and then pumped to Pre-treatment unit with the help of Submersible Pumps for further treatment.
  3. **Pre-treatment Unit:**
     a) **Mechanical Screens:** This is the first unit of Treatment scheme. In this unit, waste present in raw sewage like plastics, paper, cloth pieces are removed.
     b) **Grit Removal unit:** After screening, raw sewage passes through this unit. In this unit, heavy solid materials that are "heavier" than the organic matter are removed.
  4. **Food Chain Reactor (FCR):** This unit is used to reduce the organic matter measured as biochemical oxygen demand (BOD) and chemical oxygen demand (COD) through artificial aeration i.e. via blowers. It uses natural (plant roots) as well as engineered media (inspired by root structures) to allow growth of biomass that gobbles up the incoming organic load in the raw sewage.
  5. **Tubesettlers:** In this unit, suspended solids are removed from effluent as it is passed through tanks with higher retention time which allows solids to settle down through gravity.
  6. **Chlorine Contact Tank:** In this unit, chlorine is mixed in effluent for disinfection and to remove any harmful pathogens that are present in the water.
  7. **Sludge Dewatering Unit:** In this unit, concentration of wastewater obtained from Tubesettlers is increased beyond 20% (as per Concession Agreement) and converted into cake form for easy and cost-effective disposal of the same.

23.	Process parameters of Anaerobic Process for example **A. UASB& Others** (i) No. of reactors (ii) Capacity of each reactor (iii) Average flow (iv) HRT (v) UASB outlet BOD, COD, TSS (mg/l)	**:**	No
24.	Process parameters of Aerobic Process for example **B. Activated Sludge Process** (i) Waste sludge generation (flow rate m^3/hr multiplied by hr/day) (ii) Waste sludge solids (TSS) concentration mg/l (iii) ASP outlet pH, TSS, COD, BOD **Aeration Tank** (i) Aeration Tank volume m^3 (ii) Retention period (iii) Mixed Liquor MLSS, MLVSS&DO mg/l (iv) Aeration Capacity KW or HP (v) Related aeration capacity Kg/KW hr **Secondary Settling Tank** (i) Secondary Settling tank volume m^3 (ii) Settling Surface area m^2 (iii) Retention period (iv) Weir length m (v) Return flow rates m^3/hr or m^3/day (vi) Return flow solids (TSS) concentration	**:**	 No Available 8100 m^3 4.5 Hr Available 1700 m^3 1.0 Hr
25.	Tertiary Treatment (Physico- Chemical) **(i) Coagulation and flocculation** **(ii) Dual Media Filter** **(iii) Adsorption** **(iv) Membrane Treatment** **(v) Any Other**	**:**	No
Disinfection System			
26.	Disinfection Technology Installed	**:**	Chlorination
	Name of Technology used	**:**	Chlorine Diffusion system
	Operational status (if Non-operational, Reasons)	**:**	Operational

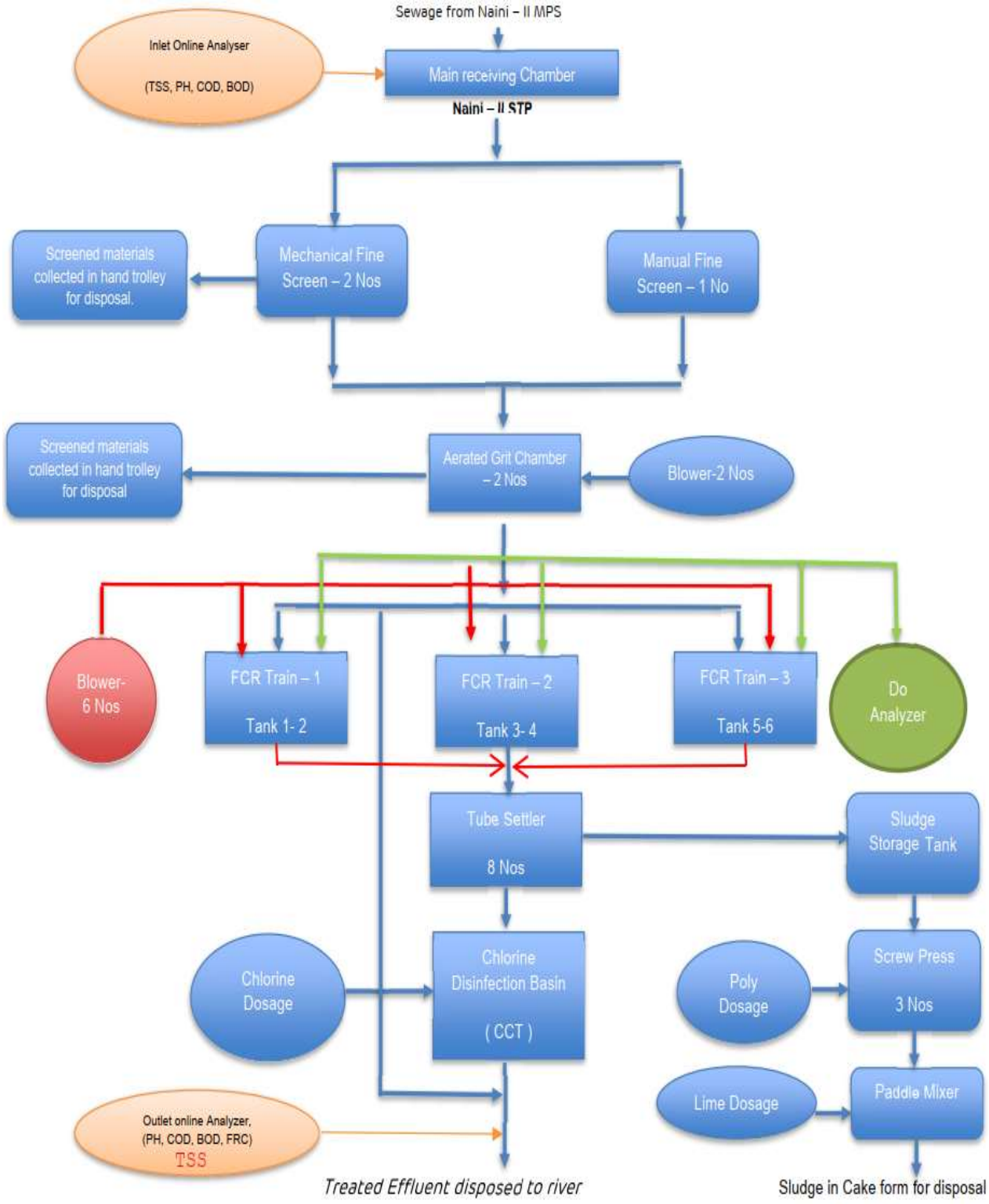
	If chlorination based disinfection system a. Name of chemical/ form of chlorine b. Methodology (Mechanical/manual) c. Dosing Rate d. Type of chlorinator e. Chemical consumption record f. Dimension of the Chlorine contact tank g. Chlorine Contact Time/Retention time h. **Value of Residual Chlorine in treated sewage (ppm)** i. Methodology used for assessment of Residual chlorine : titrimetric method/ colorimetry (using ortho-toluidine or any other indicator)	**:**	 Chlorine Gas Mechanical 2-5 Kg/Hr Chemical Consumption Record Available 30-45 Min 0.2-0.5 ppm OT & Chlorotex Indicator
	If Ozonation a. Pressure at which ozonation is performed b. Dosing rate (concentration of ozone dozed) c. Dosing tank Detail d. Contact time e. Flow rate of sewage	**:**	No
	If UV Treatment a. UV Dose (mJ/cm^2) b. Dosing tank Detail c. Flow rate of sewage	**:**	No
27.	**Treated sewage characteristics** Oil & Grease pH BOD COD TSS TDS (also FDS for CETP) Total Nitrogen Total Phosphorous Nitrate (as N) Ammonical Nitrogen (as N) Phosphate (as P)	**:**	Sample collected by Committee during joint visit. **Test Report attached** (Compliance w.r.t. MoEF&CC Norms Notified on Dated 13th October,2017).

	Chloride Faecal Coliform Total Coliform **Residual Chlorine (if doing chlorination)** (Heavy metal for Kanpur STPs) & Other parameters (DO & MLSS/MLVSS for Aeration tank)		
28.	Sludge Thickener (i) Volume m^3 (ii) Thickening Surface m^3 (iii) Underflow solids concentration (mg/l) (iv) Actual thickened sludge production rate (Flow rate, m/hr multiplied by hr/day)	**:**	No
29.	Sludge Digester (i) Digester Volume m^3 (ii) Thickening sludge BOD & COD mg/l (iii) Actual digester sludge production rate(flow rate m^3/hr multiplied by hr/day)	**:**	No
30.	Biogas produced, if any and its composition	**:**	No
31.	Operational status of gas utilization	**:**	-
32.	Power generation, if any	**:**	Solar Power Plant
33.	STP connected to sewerage network (Yes/ NO)		No
34.	Mode of receiving raw sewage through (open drain/ sewerage network/ both)	**:**	Open drain
35.	Disposal of treated sewage (river/lake/irrigation/land/pisciculture/aquaculture/and other) Any plan for reuse of treated sewage	**:**	River
	In case Land disposal (land & agreement details)/	**:**	No
	Recycling and reuse of treated sewage	**:**	No

	If reuse by Industry/organization (name of unit and contract)		
	Route of treated sewage to reach river	:	Closed Conduit
36.	Bypass arrangement at STP/CETP, if any	:	Yes
37.	Bypass observed at time of inspection (Yes/No) If yes pictures and description	:	No
38.	Method of sludge disposal description and status (Satisfactory/unsatisfactory)	:	Used for filling low-lying areas Satisfactory
39.	Operation and maintenance of Sewage Treatment Plant (Satisfactory/unsatisfactory)	:	Satisfactory
40.	If unsatisfactory, details of major flaws observed	:	-
41.	Power requirement	:	From UPPCL Power Grid: STP: 1050 kWh/DAY
42.	Status of power availability for uninterrupted and continuous running of STP. Provide details of standby arrangement , if any	:	Diesel Generator
43.	Annual expenditure on O & M & STP	:	O&M Charges: Rs. 198.95 lakh Power Charges: Rs. 202.68 lakh
44.	Consent Status from State Pollution Control Board/Pollution Control Committee (Water & Air)	:	Available
45.	Sewage generated (in MLD) in the area covered under STP	:	35 MLD
46.	Details of proposed or ongoing augmentation or upgradation of capacity or any new STP under construction	:	-
47.	Augmentation of STPs for achieving stricter norms	:	-
48.	Volume of industrial waste being mixed in sewage, if any.	:	No

49.	Status of maintenance of log Books (inlet & outlet flow, pump operations, electricity, maintenance/breakdown maintenance)	:	Available
50.	Influent and Effluent quality monitoring schedule in own lab (parameter wise)	:	Daily
51.	Status of Skilled/trained Manpower (operation & laboratory)	:	Available
52.	Status of Environmental Laboratory facility	:	In house lab is functional. In addition, sample testing is also being done by UPPCB, NABL accredited lab.
53.	Status of Online Monitoring System (OCEMS) (Installed/not installed and connected to CPCB/SPCB server or not) Compliance to be verified of direction dated	:	Installed, connected to CPCB server.
54.	Flow diagram of treatment (to be attached)	:	Available
55.	Drains Tapping Status	:	7 nos drains visited and all are found properly tapped.

Flow diagram of treatment:



Photographs Naini-II STP (42 MLD)



Pic.1. Outlet



Pic.2. STP Model



Pic.3. FCR



Pic.4. PLC Room



Pic.5. Mawaiya Drain



Pic.6. Mawaiya SPS

Format for monitoring of Sewage Treatment Plants (STPs/CETPs)

1.	**Name/Location of STP/CETP (full address)**		**:**	16 MLD STP Plant, Jhunsi, Prayagraj, U.P.
2.	**Coordinates**	**Latitude**	**:**	25.404095
	(In decimal units e.g. 12.34567˚)	**Longitude**		81.911272
3.	**Designed capacity of STP and Treatment Technology**		**:**	16 MLD Organica Technology (Food Chain Reactor)
4.	**a. Date of monitoring and starting time**		**:**	29.02.2024, 5.35 pm
	b. Type of sampling (Grab or Composite)			Grab
	c. If composite mentioned total hours and interval (eg. 12 hr composite at 2 hr interval)		**:** **:**	-
5.	Agency/organisation responsible for O&M (Name of agency & contact person, Mob., E-mail)		**:**	M/s Prayagraj Water Private limited Rahul Aazad, Mob - 9582476043
6.	Whether Operation through Sub contractor, if any, details thereof with contact information (Name of agency, contact person with designation, Mob., E-mail)		**:**	No
7.	Year of commissioning (Operational since)		**:**	2023
8.	a. Operational/Non-functional/Non-operational (be specific in functionality status) b. Reason, if non-functional/non-operational and time since non-functional/non-operational		**:** **:**	Operational
9.	(A) STP designed parameter – Inlet (flow, pH, BOD, COD, TSS etc.& mentioned values of designed parameter)		**:**	Design Capacity- 16 MLD pH - < 9.0 BOD-250 ppm, COD-500 ppm, TSS-500 ppm

	(B) STP designed parameter – Outlet (pH, BOD, TSS, Fecal coliform etc.& mentioned values of designed parameter)		pH – 6.5 – 9.0 BOD-30 ppm, TSS-100 ppm, Fecal Coliform-1000 MPN/100 ml
10.	Utilized Capacity as reported by operator **or** verified from log book (MLD)	**:**	11.5 MLD
11.	Actual treatment (Inflow during visit) (m^3/hr x hrs.)	**:**	515 m^3/Hr
12.	If operating under designed capacity, give reason	**:**	Yes, Flow will increase gradually as STP is designed for the year 2033
13.	Flow meter/v-notch at Inlet of STP & reading	**:**	Available
14.	Flow meter/v-notch at Outlet of STP & reading	**:**	Available
15.	Fresh water supply source (in STP premises) if any, details (source, water consumption status, logbook, meter)	**:**	Bore Well
16.	**Raw sewage characteristics** pH COD BOD TSS TDS (also FDS for CETPs) Total Nitrogen Total Phosphorus Sulphate Nitrate, Phosphate, Ammonical Nitrogen	**:**	Sample collected by Committee during joint visit. Test Report **attached**.

	Chloride Faecal Coliform Total Coliform Heavy metal (For Kanpur STPs)		
17.	Details of transfer sump	:	Pumping Station
18.	Pre-treatment if any, details (screen, Equalization Tank)	:	Receiving Chamber & Screening
19.	Primary-treatment if any, details (Oil and Grease trap, grit, pre-settling tank)	:	Grit Chamber
20.	Primary Settling Tank (i) Primary Settling Tank Volume m^3 (ii) Settling Surface area m^3 (iii) Weir length m (iv) Retention Period (v) PST outlet pH, TSS, BOD, COD (mg/L) (vi) Underflow solids concentration mg/l or % (vii) Actual primary Sludge production rate (flow rate m^3/hr x hr/day) Availability of Mechanical Scrapper	:	No
21.	No. of Biological Treatment stages	:	Two Stages: Food Chain Reactor (FCR) Tubesettlers
22.	**Treatment processes used in STP for sewage treatment along with order of the stage:**		
	Main technology used in treatment scheme: Food Chain Reactor (FCR) • Major Components of Treatment Scheme (Step wise) are as follows: **1. Sewage Pumping Station:** At One sewage pumping stations, raw sewage from tapped drains is collected here and then pumped to Main pumping station with the help of Submersible Pumps for further pumping to Sewage treatment plant. **2. Main Pumping Station:** Raw Sewage tapped drains is collected here and then pumped to Pre-treatment unit with the help of Submersible Pumps for further treatment. **3. Pre-treatment Unit:** **a) Mechanical Screens:** This is the first unit of Treatment scheme. In this unit, waste present in raw sewage like plastics, paper, cloth pieces are removed. **b) Grit Removal unit:** After screening, raw sewage passes through this unit. In this unit, heavy solid materials that are "heavier" than the organic matter are removed.		

	4. Food Chain Reactor (FCR): This unit is used to reduce the organic matter measured as biochemical oxygen demand (BOD) and chemical oxygen demand (COD) through artificial aeration i.e. via blowers. It uses natural (plant roots) as well as engineered media (inspired by root structures) to allow growth of biomass that gobbles up the incoming organic load in the raw sewage. **5. Tubesettlers:** In this unit, suspended solids are removed from effluent as it is passed through tanks with higher retention time which allows solids to settle down through gravity. **6. Chlorine Contact Tank:** In this unit, chlorine is mixed in effluent for disinfection and to remove any harmful pathogens that are present in the water. **7. Sludge Dewatering Unit:** In this unit, concentration of wastewater obtained from Tubesettlers is increased beyond 20% (as per Concession Agreement) and converted into cake form for easy and cost-effective disposal of the same.		
23.	Process parameters of Anaerobic Process for example **A. UASB& Others** (i) No. of reactors (ii) Capacity of each reactor (iii) Average flow (iv) HRT (v) UASB outlet BOD, COD, TSS (mg/l)	**:**	No
24.	Process parameters of Aerobic Process for example **B. Activated Sludge Process** (i) Waste sludge generation (flow rate m^3/hr multiplied by hr/day) (ii) Waste sludge solids (TSS) concentration mg/l (iii) ASP outlet pH, TSS, COD, BOD **Aeration Tank** (i) Aeration Tank volume m^3 (ii) Retention period (iii) Mixed Liquor MLSS, MLVSS&DO mg/l (iv) Aeration Capacity KW or HP (v) Related aeration capacity Kg/KW hr **Secondary Settling Tank** (i) Secondary Settling tank volume m^3 (ii) Settling Surface area m^2 (iii) Retention period (iv) Weir length m (v) Return flow rates m^3/hr or m^3/day (vi) Return flow solids (TSS) concentration	**:**	No Available 3100 m^3 4.5 Hr. Available 675 m3 1.0 Hr

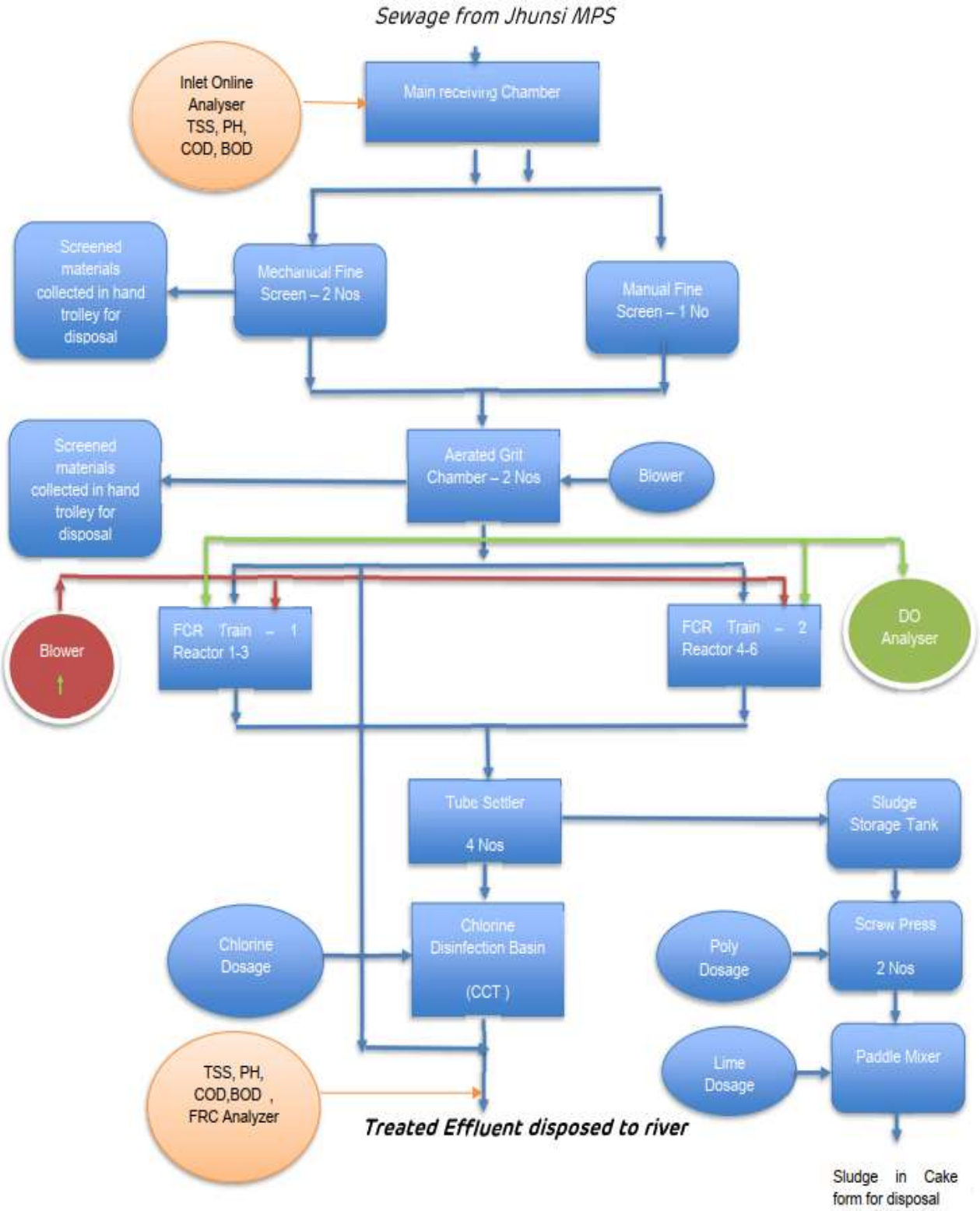
25.	Tertiary Treatment (Physico- Chemical) **(i) Coagulation and flocculation** **(ii) Dual Media Filter** **(iii) Adsorption** **(iv) Membrane Treatment** **(v) Any Other**	**:**	No
Disinfection System			
26.	Disinfection Technology Installed	**:**	Chlorination
	Name of Technology used	**:**	Chlorine Diffuser System
	Operational status (if Non-operational, Reasons)	**:**	Operational
	If chlorination based disinfection system a. Name of chemical/ form of chlorine b. Methodology (Mechanical/manual) c. Dosing Rate d. Type of chlorinator e. Chemical consumption record f. Dimension of the Chlorine contact tank g. Chlorine Contact Time/Retention time h. **Value of Residual Chlorine in treated sewage (ppm)** i. Methodology used for assessment of Residual chlorine : titrimetric method/ colorimetry (using ortho-toluidine or any other indicator)	**:**	 Chlorine Gas Mechanical 2-5 Kg/Hr Chemical Consumption Record Available 30-45 Min 0.2-0.5 ppm OT & Chlorotex Indicator
	If Ozonation a. Pressure at which ozonation is performed b. Dosing rate (concentration of ozone dozed) c. Dosing tank Detail d. Contact time e. Flow rate of sewage	**:**	No
	If UV Treatment a. UV Dose (mJ/cm^2) b. Dosing tank Detail c. Flow rate of sewage	**:**	No
27.	**Treated sewage characteristics** Oil & Grease	**:**	Sample collected by Committee during joint visit. **Test Report attached** (Compliance

	pH BOD COD TSS TDS (also FDS for CETP) Total Nitrogen Total Phosphorous Nitrate (as N) Ammonical Nitrogen (as N) Phosphate (as P) Chloride Faecal Coliform Total Coliform **Residual Chlorine (if doing chlorination)** (Heavy metal for Kanpur STPs) & Other parameters (DO & MLSS/MLVSS for Aeration tank)		w.r.t. MoEF&CC Norms Notified on Dated 13th October,2017).
28.	Sludge Thickener (i) Volume m^3 (ii) Thickening Surface m^3 (iii) Underflow solids concentration (mg/l) (iv) Actual thickened sludge production rate (Flow rate, m/hr multiplied by hr/day)	:	No
29.	Sludge Digester (i) Digester Volume m^3 (ii) Thickening sludge BOD & COD mg/l (iii) Actual digester sludge production rate(flow rate m^3/hr multiplied by hr/day)	:	No
30.	Biogas produced, if any and its composition	:	No

31.	Operational status of gas utilization	:	-
32.	Power generation, if any	:	Solar Power Plant
33.	STP connected to sewerage network (Yes/ NO)		No
34.	Mode of receiving raw sewage through (open drain/ sewerage network/ both)	:	Open Drain
35.	Disposal of treated sewage (river/lake/irrigation/land/pisciculture/aquaculture/and other) Any plan for reuse of treated sewage	:	River
	In case Land disposal (land & agreement details)/	:	No
	Recycling and reuse of treated sewage If reuse by Industry/organization (name of unit and contract)	:	No
	Route of treated sewage to reach river	:	Closed Conduit
36.	By Pass arrangement at STP/CETP, if any	:	Yes
37.	By pass observed at time of inspection (Yes/No) If yes pictures and description	:	No
38.	Method of sludge disposal description and status (Satisfactory/unsatisfactory)	:	Used for filling low-lying areas Satisfactory
39.	Operation and maintenance of Sewage Treatment Plant (Satisfactory/unsatisfactory)	:	Satisfactory
40.	If unsatisfactory, details of major flaws observed	:	-
41.	Power requirement	:	From UPPCL Power Grid: STP: 1243 KWH/DAY
42.	Status of power availability for uninterrupted and continuous running of STP. Provide details of standby arrangement, if any	:	Diesel Generator

43.	Annual expenditure on O & M & STP	:	O&M Charges: INR 124.45 lakh Power & Diesel Charges: INR 152.99 lakh
44.	Consent Status from State Pollution Control Board/Pollution Control Committee (Water & Air)	:	Available
45.	Sewage generated (in MLD) in the area covered under STP	:	11.5 MLD
46.	Details of proposed or ongoing augmentation or upgradation of capacity or any new STP under construction	:	_
47.	Augmentation of STPs for achieving stricter norms	:	-
48.	Volume of industrial waste being mixed in sewage, if any.	:	No
49.	Status of maintenance of log Books (inlet & outlet flow, pump operations, electricity, maintenance/breakdown maintenance)	:	Available
50.	Influent and Effluent quality monitoring schedule in own lab (parameter wise)	:	Daily
51.	Status of Skilled/trained Manpower (operation & laboratory)	:	Available
52.	Status of Environmental Laboratory facility	:	In house lab is functional. In addition, sample testing is also being done by UPPCB, NABL accredited lab.
53.	Status of Online Monitoring System (OCEMS) (Installed/not installed and connected to CPCB/SPCB server or not) Compliance to be verified of direction dated 10.08.2020	:	Installed, connected to CPCB server.
54.	Flow diagram of treatment (to be attached)	:	Available
55.	Drains Tapping Status	:	9 nos drains visited and all are found properly tapped

Flow diagram of treatment:



16 MLD Jhunsi STP



Pic No-1 Laboratory



Pic No-2 FCR



Triveni Marg-II Nala



Lakkar Nala

क्षेत्रीय कार्यालय, उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड
REGIONAL OFFICE, U. P. POLLUTION CONTROL BOARD

संदर्भ सं0 G००1G1 / NGT OA No. 310/2022/2024 दिनांक 14/05/2024

सेवा में,

जिलाधिकारी,
प्रयागराज

विषयः माननीय राष्ट्रीय हरित अधिकरण, नई दिल्ली में विचाराधीन ओ0स0–310/2022 कमलेश सिंह बनाम उ0प्र0 राज्य एवं अन्य में दिनांक 07.02.2024 को पारित आदेश के सम्बन्ध में।

महोदय,

कृपया उपरोक्त विषयक अपने पत्र संख्या 517/NGT (OA-310/2022)/02 दिनांक 23.03.2024 का सन्दर्भ ग्रहण करने का कष्ट करें (छायाप्रति संलग्न)। उकत पत्र द्वारा माननीय राष्ट्रीय हरित अधिकरण, नई दिल्ली में विचाराधीन ओ0एस0 संख्या 310/2022 कमलेश सिंह बनाम उ0प्र0 राज्य एवं अन्य में दिनांक 07.02.2024 को पारित आदेश के कम में चाही गयी आख्या पत्र के साथ संलग्न कर सादर अवलोकनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित किया जा रहा हैं।

संलग्नकः यथोपरि।

भवदीय

14/5/24

(आर0 के0 सिंह)
क्षेत्रीय अधिकारी

प्रतिलिपिः निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषितः–

1. मेलाधिकारी, प्रयागराज मेला प्राधिकरण, प्रयागराज।
2. मुख्य पर्यावरण अधिकारी, वृत्त–2, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, लखनऊ।
3. परियोजना प्रबन्धक, गंगा प्रदूषण नियंत्रण इकाई, उ0प्र0 जल निगम (ग्रामीण), प्रयागराज।

क्षेत्रीय अधिकारी

आवास विकास परिषद कालोनी, सेक्टर–10, योजना संख्या–3, झूँसी, प्रयागराज – 211019
Avas Vikas Parishad Colony, Sector-10, Scheme No. 3, Jhusi, Prayagraj-211019
दूरभाषः/Ph.: 0532–2569727, ई–मेल/E-Mail: roprayagraj@uppcb.in

Regional Office UP Pollution Control Board, Prayagraj

Sample collected by	Team formed by NGT
Date of Sample collection	29th February and 1st March 2024
Sampling Point	Inlet/Outlet/Aeration Tank of STPs in Prayagraj

Analysis Report

S.NO	STP Name	Sampling Point	Parameters							
			Color	pH	BOD	COD	TSS	MLSS	TC	FC
			(Hazen)		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(MPN/100 mL)	(MPN/100 mL)
1.	Naini 1 (80 MLD)	INLET	50	7.15	84	136	92		54000	3300
		OUTLET	20	7.53	28	68	44		22000	680
2.	Naini 2 (42 MLD)	INLET	50	7.73	76	148	88		43000	3100
		OUTLT	15	7.88	25	60	24		21000	680
3.	Salori 1 29 MLD	INLET	50	7.41	90	140	90		92000	4700
		OUTLET	25	7.62	28	64	38		43000	920
4.	Salori 2 (14 MLD)	INLET	40	7.44	80	124	68		35000	2100
		OUTLET	15	7.65	10	32	8		8400	400
5.	Numayadahi (50 MLD)	INLET	50	7.35	78	128	72		54000	2600
		OUTLET	30	7.82	24	48	12		17000	680
		Aeration Tank						2432		
6.	Ponghut (10 MLD)	INLET	50	7.37	75	132	85		28000	2200
		OUTLET	40	7.64	24	36	40		7900	400
		Aeration Tank						2670		
7.	Kodra (25MLD)	INLET	60	7.60	80	120	78		35000	2700
		OUTLET	25	7.52	24	36	12		14000	450
		Aeration Tank						2762		
8.	Phaphamau (14 MLD)	INLET	50	5.56	82	136	77		43000	2600
		OUTLET	25	7.73	24	32	10		7000	400
9.	Jhusi (16 MLD)	INLET	45	7.42	80	116	72		43000	3100
		OUTLET	25	7.73	20	40	10		9400	400

Prepared by

Authorised Signatory

Regional officer

Regional Office UP Pollution Control Board, Prayagraj

Analysis Report

Sample Collected By	Sri Rajesh Singh (SA)+ Mr Sandeep Giri (JRF), UPPCB, Prayagraj
Date of Sample Collection	29. 3. 2024
Sampling Point	Inlet/Outlet of STP

S.No	Sample location	Parameters					
		pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	TC (MPN/100 mL)	FC (MPN/100 mL)
1	Ms Rajapur STP (Inlet)	7.52	72	100	71	54000	2600
2	MS Rajapur STP (Outlet)	7.97	29	56	26	28000	680

4/4/24
Prepared by

4/4/24
Authorized by

Regional officer

उत्तर प्रदेश जल निगम (नगरीय)

कार्यालय अधिशासी अभियन्ता, निर्माण खण्ड (प्रथम),
13 यमुना बैंक रोड, कीडगंज, प्रयागराज–211003
Email –eedalld@rediffmail.com

पत्रांक :– 791 / C-वीडियो / 45 दिनांक: 06 / 05 / 2024

सेवा में,

जिलाधिकारी महोदय,
प्रयागराज।

विषयः–मा0 राष्ट्रीय हरित अधिकरण नई दिल्ली में विचाराधीन ओ0ए0 संख्या 310/2022 कमलेश सिंह बनाम उ0प्र0 राज्य एवं अन्य ने दिनांक 07.02.2024 को पारित आदेश के सम्बन्ध में।

महोदय

उपर्युक्त विषयक आपके पत्रांक 517/NGT(OA-310/2022)/02 दिनांक 23.03.2024 *(छायाप्रति संलग्न)* द्वारा मा0 राष्ट्रीय हरित अधिकरण नई दिल्ली में विचाराधीन ओ0ए0 संख्या 310/2022 कमलेश सिंह बनाम उ0प्र0 राज्य एवं अन्य ने दिनांक 07.02.2024 को पारित आदेश के सम्बन्ध में चाही आख्या इस पत्र के साथ संलग्न कर प्रेषित की जा रही है।

संलग्नकः–उपरोक्तानुसार।

भवदीय

06/05/24

(आशुतोष यादव)
अधिशासी अभियन्ता

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषितः–

1–कुम्भ मेलाधिकारी, प्रयागराज मेला प्राधिकरण, प्रयागराज।
2–मुख्य अभियन्ता(प्रया0क्षेत्र), उ0प्र0 जल निगम(नगरीय), प्रयागराज।
3–अधीक्षण अभियन्ता, निर्माण मण्डल, उ0प्र0 जल निगम(नगरीय), प्रयागराज।
4–परियोजना प्रबन्धक, गंगा प्रदूषण नियंत्रण इकाई, उ0प्र0 जल निगम (ग्रामीण), प्रयागराज।

अधिशासी अभियन्ता

उत्तर प्रदेश जल निगम (नगरीय)

कार्यालय अधिशासी अभियन्ता, निर्माण खण्ड (प्रथम),
13 यमुना बैंक रोड, कीडगंज, प्रयागराज-211003
Email –eecdalld@rediffmail.com

पत्रांक :– 791/ C-G कोर्टकेस / 45 दिनांक: 1 /05/2024

सेवा में,
जिलाधिकारी महोदय,
प्रयागराज।

विषयः–मा0 राष्ट्रीय हरित अधिकरण नई दिल्ली में विचाराधीन ओ0ए0 संख्या 310/2022 कमलेश सिंह बनाम उ0प्र0 राज्य एवं अन्य ने दिनांक 07.02.2024 को पारित आदेश के सम्बन्ध में।

महोदय

उपर्युक्त विषयक आपके पत्रांक 517/NGT(OA-310/2022)/02 दिनांक 23.03.2024 *(छायाप्रति संलग्न)* द्वारा मा0 राष्ट्रीय हरित अधिकरण नई दिल्ली में विचाराधीन ओ0ए0 संख्या 310/2022 कमलेश सिंह बनाम उ0प्र0 राज्य एवं अन्य ने दिनांक 07.02.2024 को पारित आदेश के सम्बन्ध में चाही आख्या इस पत्र के साथ संलग्न कर प्रेषित की जा रही है।

संलग्नकः–उपरोक्तानुसार।

भवदीय

(आशुतोष यादव)
अधिशासी अभियन्ता

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषितः–

1–कुम्भ मेलाधिकारी, प्रयागराज मेला प्राधिकरण, प्रयागराज।
2–मुख्य अभियन्ता(प्रया0क्षेत्र), उ0प्र0 जल निगम(नगरीय), प्रयागराज।
3–अधीक्षण अभियन्ता, निर्माण मण्डल, उ0प्र0 जल निगम(नगरीय), प्रयागराज।
4–परियोजना प्रबन्धक, गंगा प्रदूषण नियंत्रण इकाई, उ0प्र0 जल निगम (ग्रामीण), प्रयागराज।

06/05/24.

अधिशासी अभियन्ता

कार्यालय जिलाधिकारी, प्रयागराज

मा0 एनजीटी से आच्छादित/महत्वपूर्ण/अनुस्मारक–1

पत्रांकः – 517 / NGT (OA-310/2022) / 02 दिनांकः 23 मार्च, 2024

1. उपाध्यक्ष, प्रयागराज विकास प्राधिकरण, प्रयागराज।
2. नगर आयुक्त, नगर निगम, प्रयागराज।
3. अधीक्षण अभियन्ता, निर्माण मण्डल, उ0प्र0 जल निगम (नगरीय), प्रयागराज।
4. क्षेत्रीय अधिकारी, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज।

विषयः–मा0 एनजीटी न्यायालय में विचाराधीन OA No. 310/2022 (कमलेश सिंह बनाम, उ0प्र0 राज्य एवं अन्य) में दिनांक 07.02.2024 को पारित आदेश के अनुपालन के सम्बन्ध में।

महोदय,

उपरोक्त विषयक इस कार्यालय के पत्रांक 347/P.I.L/03 दिनांक 05, मार्च, 2024 का सन्दर्भ ग्रहण करने का कष्ट करें, जिसके अनुसार मा0 एनजीटी, नई दिल्ली में श्री कमलेश सिंह द्वारा दाखिल OA No-310/2022 (कमलेश सिंह बनाम, उ0प्र0 राज्य एवं अन्य) में दिनांक 07.02.2024 को पारित आदेश के अनुपालन में आगामी महाकुम्भ–2025 के दृष्टिगत प्रयागराज के अन्तर्गत गंगा/यमुना नदी में प्रवाहित हो रहे नालों एवं एसटीपी के सम्बन्ध में आख्या प्रेषित करने हेतु 06 बिन्दुओं पर सूचना मांगी गयी थी परन्तु आपके द्वारा वांछित सूचना उपलब्ध न कराये जाने के कारण मा0 एनजीटी, नई दिल्ली के आदेश के अनुपालन में आख्या प्रेषित नहीं की जा सकी, जिसके फलस्वरूप मा0 एनजीटी, नई दिल्ली द्वारा उक्त OA पर दिनांक 13.03.2024 को सुनवाई के समय अत्यधिक नाराजगी व्यक्त की गई है एवं निम्न आदेश पारित किया गया है (छायाप्रति संलग्न) –

"1. In this original application, the grievance raised relates to the discharge of sewage into River Ganga and Yamuna in reference to the availability of clean water at the time of Kumbh Mela which is going to be organized in 2024-2025.

2. The Tribunal by order dated 07.02.2024 had formed a joint committee with the direction to the committee to inspect all the drains joining River Ganga and Yamuna, all the STPs from which discharge is being made to the River Ganga and Yamuna in District Paryagraj and collect the samples of discharged treated water, get the sample analysis done and submit the report atleast one week before the next date of hearing.

3. Though, substantial time has lapsed yet the joint committee has not submitted the report till now. A communication has been sent by the District Magistrate, Prayagraj seeking further three months' time for submitting the report. The said communication does not reflect any steps taken by the committee till now in pursuance to the order of the Tribunal dated 07.02.2024. We also feel that the three months' time is unreasonable in view of the limited responsibility entrusted upon the joint committee.

4. Since the report of the joint committee is necessary therefore, we grant further six weeks' time to the joint committee to do the needful in terms of the direction of the Tribunal contained in the order dated 07.02.2024 and submit the report accordingly, failing which the District Magistrate, Prayagraj will appear virtually on the next date of hearing.

5. List on 21.05.2024."

अतः आपको पुनः निर्देशित किया जाता है कि अपने विभाग से सम्बन्धित निम्न बिन्दुओं पर सूचना 01 सप्ताह के अन्तर्गत प्रस्तुत करना सुनिश्चित करें, जिसके आधार पर निरीक्षण करते हुए विस्तृत आख्या मा0 एनजीटी, नई दिल्ली के समक्ष प्रेषित किया जा सके–

1. गंगा/यमुना नदी में प्रवाहित होने वाले कुल नालों एवं उनके श्राव/शोधन की स्थिति।
2. अन्टैप्ड नालों को टैप किये जाने की कार्य योजना।
3. एसटीपी के संचालन, क्षमता एवं उपयोगिता की स्थिति।
4. बिछाई गयी सीवर नेटवर्क की लम्बाई एवं संचालन की स्थिति।
5. एसटीपी/सीवर नेटवर्क के गैप की स्थिति एवं कार्य योजना।
6. नदी/एसटीपी के शोधित जल के गुणवत्ता की स्थिति।

संलग्नक–उपरोक्तानुसार।

(नवनीत सिंह चहल)
जिलाधिकारी, प्रयागराज

पृ0सं0 : / तद्दिनांक।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित –

1- मण्डलायुक्त महोदय, प्रयागराज।
2- मेलाधिकारी, प्रयागराज मेला प्राधिकरण, प्रयागराज।
3- **Member Secretary, Central Pollution Control Board, Parivesh Bhawan East Arjun Nagar, Delhi-110032. (Email ID- mscb.cpcb@nic.in)**
4- **RO, Ministry of Environment, Forest &Climate Change, 11th Floor, Kendriya Bhawan, Sector-H, Aliganj, Lucknow (Email ID- rocz.lko-mef@nic.in)**
5- **Chief Engineer, UP Jal Nigam(Urban), Prayagraj (Email ID- zee_upjn_alld@yahoo.co.in)**
6- **Chief Engineer, UP Jal Nigam(Rural), Kanpur (Email ID- zee_kan_upjn@yahoo.in)**

जिलाधिकारी, प्रयागराज

1- **Report of STP:-**

The Report of 14 MLD STP Salori maintained by U.P. Jal Nigam (Urban) for the month of Nov 2023 to March 2024 is attached as annexure-1.

2- **Reports of Tapped Drain:-**

Out of 81 Drains in Nagar Nigam Prayagraj, following 05 Drains are Tapped/Proposed to be Tapped by U.P. Jal Nigam (Urban) .

I. Karelabagh Drain.
II. Karelabagh Drain A-1
III. Karelabagh Drain A-2
IV. Nehru Park Drain
V. Yadavpur Drain

Drains at Serial no. 01 to 03 have been tapped with Sewerage Network and for Drains at Serial no. 04 & 05, the work of Interception and Diversion is in Progress under Mahakumbh- 2025 Programme ,which will be completed by 30.09.2024.

3- **Details of Sewerage Network and House Connection:-**

Sr. No.	Sewerage District	Sewer Network					Sewer House Connection				
		Total Road Length (km)	Total Laid (km)	Sewer line Laid By UPJN (km)	Sewer Line Maintained by Jal Kal Vibhag (km)	Balance Sewer Line to be laid (km)	Total House hold (year 2025) (Nos.)	Connected HH (Nos.)	By UPJN HH (Nos.)	Existing HH (Nos.)	Balance House Connection to be done
1	A	310.38	305.00	220.00	85.00	5.38	54819	53263	26573	26690	1556
2	B	221.91	213.71	203.71	10.00	8.20	48602	43661	27000	16661	4941
3	C	222.47	220.04	145.04	75.00	2.43	29145	28097	22500	5597	1048
4	D	536.17	505.00	330.00	175.00	31.17	61905	42812	25100	17712	19093
5	E	181.10	157.60	157.60	0.00	23.50	39195	31375	26671	4704	7820
6	F (inc. Extended Area	286	40.00	40.00	0.00	246.00	16859	4756	4756	0	12103
7	G (inc. Extended Area)	728	0.00	0.00	0.00	728.00	45000	0	0	0	45000
8	J(inc. Extended Area)	686	0.00	0.00	0.00	686.00	34593	0	0	0	40345
9	B & E Extended Area	336	0.00	0.00	0.00	336.00	24550	0	-	0	34550
	Total	**3508.03**	**1441.35**	**1096.35**	**345.00**	**2066.68**	**370420**	**203964**	**132600**	**71364**	**166456**

4- **Gap Analysis in Sewerage Network & House Connection and Action Plan:-**

At Present, there is requirement of Laying 2066.68 Km Sewerage Network and 166456 nos. of Domestic Sewer House Connection in Nagar Nigam , Prayagraj.

For 100 wards of Nagar Nigam Prayagraj (including extended areas)which are densely populated the following proposals have been made in City Water Action plan of AMRUT 2.0:-

1) Sewerage Network and Sewer House Connection Scheme in Sewerage District A,B,C and D of Prayagraj City-Rs 350.00 Cr

2) Sewerage Network and Sewer House Connection Scheme in Sewerage District-G Naini and Naini Extended Area of Nagar Nigam Prayagraj –Rs 382.80

3) Sewerage Network and Sewer House Connection Scheme in Sewerage District-J Jhunsi and Jhunsi Extended Area Nagar Nigam Prayagraj –Rs 364.00 Cr

4)Sewerage Network and Sewer House Connection Scheme in Sewerage District F - Phaphamau and Phaphamau Extended Area of Nagar Nigam Prayagraj –Rs 350.00 Cr

5) Sewerage Network and Sewer House Connection Scheme in Jhalwa, Bamhrauli and Pipalgaon Extended Area Nagar Nigam Prayagraj –Rs 425.00 Cr

All the above 05 projects are yet to be approved by State level technical committee (SLTC) and State High Power Steering Committee (SHPSC) for Preparation of Detailed Project Report.

For Scarcely populated extended areas of Nagar Nigam Prayagraj, treatment of faecal sludge /Septage will be done at following Feacal Sludge Co-Treatment Plants constructed/under construction at existing Sewage Treatment facilities.

1. 100 KLD Faecal Sludge (Co-Treatment) Plant at Naini.(Under Construction)

2. 50 KLD Faecal Sludge (Co-Treatment) Plant at Jhunsi. (Under Construction)

3. 50 KLD Faecal Sludge (Co-Treatment) Plant at Salori.

U.P. Jal Nigam(Rural) is preparing action plan and undertaking projects under Namami Gange Programme for the augmentation of capacity of Sewage treatment plants in Nagar Nigam Prayagraj.

5- <u>Mela Area Septage Management during Mahakumbh-2025:-</u>

Maha kumbh Mela Area is usually divided into 25 Sectors as per Administrative Requirement as given Below:-

1) Sector 1 & 2 on west side of Beni Bandh in Parade Area.
2) Sector 3 & 4 on the eastern side of Beni bandh on the banks of River Ganga and Yamuna
3) Sector 5 and Sector 9 to 17 on eastern bank of River Ganga towards Jhunsi side
4) Sector 18 to 22 on Arail side
5) Sector 6 to 8 and 23 to 25 on western bank of River Ganga from Nagvasuki Temple towards Phaphamau side.

- Maximum Expected Population in Maha Kumbh Mela area on peak /bathing day = 50000000.00
  Total Feacal Sludge Generation(MLD)
  = (50000000 x 110 x 0.80) / 365 = 12.05 MLD
- Permanent population(Kalpvasis/pilgrims) expected in Mela area = 50,00,000.00
- Quantity of Grey water (BOD Less than 100) Generated per day = (5000000.00 X 50)/1000000 = 250 MLD
- The Feacal sludge Generated in Mela Area from Toilets is transported through cesspool vehicles and treated at Existing Permanent STPs in the city and Temporary STPs usually Constructed in Mela Area .
- The Grey waste water (BOD Less than 100) generated from washing hands , Kitchen etc. having very less BOD is collected in various ponds (Approx 75 Nos , Average 03 Nos in each sector) constructed in mela area and the treatment is done by Bioremediation method to make the mela vicinity odour free. Sectors in which Sewerage Network is available in nearby vicinity ,Grey water is discharged into Sewers.
- The Sewage and Feacal Sludge Generated in Maha Kumbh mela Area is proposed to be treated as per given below:-

Sr No	Sector	Treatment of Blackwater/Feacal Sludge	Treatment of Grey Water
1	Sector 1 & 2	Through Sewerage Network to Alopibagh SPS for treatment at 60 MLD Rajapur STP (Additional 90 MLD STP's Approved under Namami Ganga Programme)	Through Sewerage Network
2	Sector 3 & 4	Through Sewerage Network to Main Gate and Daraganj SPS for treatment at 14 MLD and 29 MLD Salori STP (Additional 43 MLD STP's at Salori proposed under Namami Ganga Programme)	1)Through Percolating and Bioremediation. 2)Through Sewerage Network wherever available in close vicinity.
3	Sector 5 & 6	Directly to 43 MLD Salori STP (Additional 43 MLD STPs at Salori proposed under Namami Ganga Programme)	Through Percolating and Bioremediation.
4	Sector 7, 8 and 20 to 23	i) Through Shuttle SPS to 14 MLD and 29 MLD Salori STP (Additional 43 MLD STP at Salori Approved under Namami Ganga Programme) ii)Through 02 Nos Temporary Pre-Treatment STP (Capacity 3.5 MLD)	Through Percolating and Bioremediation
5	Sector 9 to 19	i)Through 02 Nos Temporary Pre-treatment STP (each of capacity 9.5 MLD) ii)Through Sewer line being laid on Jhusi Side to 6 MLD Jhusi STP and iii)Through 50 KLD Faecal Sludge Co-Treatment Plant at 36 MLD Jhusi STP Campus	i) Through Ponding and Bioremediation. ii)Through Sewerage Network wherever available in close vicinity.
6	Sector 24 to 33	Through 100 KLD Faecal Sludge Co-Treatment Plant at 44 MLD Naini STP Campus	i)Through Ponding and Bioremediation. ii) through sewerage Network wherever available in close vicinity

Following Schemes have been proposed under Maha Kumbh Mela 2024-25 Programme:-

1) Interception and Diversion of Nala, Park Drain and Roadside Drain-Rs 2082.44 lacs

2) Laying of Sewerage Network and Sewer House Connection works in Sewerage District, Teli Nagar Nigam Prayagraj-Rs 2888.48 lacs

3) Construction of 100 KLD Co-Treatment Plant in Naini-Rs 563.08 lacs

4) Construction of 50 KLD Co-Treatment Plant in Jhunsi-Rs 451.32 lacs

5) Repair of DMI works and Augmentation of capacity of Alopibagh IPS-Rs 1891.01 Lacs

6) Laying of Rising main from Alopibagh ICR to Mumfordganj SPS-Rs 5140.00 lacs

7) Repair of Mori Gate and Daraganj SPS- Rs 324.08 lacs

8) Repair of Civil works and Augmentation of capacity of Allahpur SPS-Rs 588.37 lacs

9) Laying Of Sewerage Network in Kumbh mela sector 1 and 2- Rs 301.94 lacs

10) Laying of sewerage network in Kumbh mela sectors on Jhunsi side-Rs 324.62 lacs

11) Repair of Damaged Sewer line and manhole ,Replacement of damaged manhole cover Etc-Rs 1490.61 lacs.

12) Construction of 03 Nos Temporary Prefabricated Sewage /Feacal Treatment plants on Jhunsi and Phaphamau side of Mela Area

All the above projects will be completed by October 2024.

06/05/24

Executive Engineer
Construction Division-1
U P Jal Nigam(Urban)
Prayagraj

509

574

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	26.12.2023	आउटलेट ऑफ एस0टी0पी0	30	7.21	22	48	26	22000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	26.12.2023	आउटलेट ऑफ एस0टी0पी0	30	7.32	24	48	28	43000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	26.12.2023	आउटलेट ऑफ एस0टी0पी0	15	7.09	10	16	8	7000	400
4	प्रयागराज	राजापुर 60MLD (UASB)	26.12.2023	आउटलेट ऑफ एस0टी0पी0	35	7.39	26	56	34	28000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	26.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.21	20	28	20	13000	450
6	प्रयागराज	पोंगहट 10MLD (Bio Tower)	26.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.20	20	32	16	8400	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	26.12.2023	आउटलेट ऑफ एस0टी0पी0	20	7.14	22	24	18	15000	450
8	प्रयागराज	नैनी.2 42MLD (FCR)	26.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.21	22	28	16	17000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	26.12.2023	आउटलेट ऑफ एस0टी0पी0	20	7.19	20	32	20	9400	400
10	प्रयागराज	झूंसी 16MLD (FCR)	26.12.2023	आउटलेट ऑफ एस0टी0पी0	20	7.34	18	28	20	7900	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	***6.50-9.0***	***30 mg/L***	***250 mg/L***	***100 mg/L***	-	***1000 MPN/100 ml***

Ankita Mishra 01/01/2024
विश्लेषणकर्ता

1.1.24
जांचकर्ता

क्षेत्रीय अधिकारी

510

575

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	19.12.2023	आउटलेट ऑफ एस0टी0पी0	35	7.48	22	48	32	24000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	19.12.2023	आउटलेट ऑफ एस0टी0पी0	35	7.51	24	52	38	35000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	19.12.2023	आउटलेट ऑफ एस0टी0पी0	10	7.11	10	18	10	9400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	19.12.2023	आउटलेट ऑफ एस0टी0पी0	40	7.39	26	56	48	28000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	19.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.26	20	32	21	13000	450
6	प्रयागराज	पोगहट 10MLD (Bio Tower)	19.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.37	22	28	24	7900	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	19.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.24	20	28	28	17000	680
8	प्रयागराज	नैनी.2 42MLD (FCR)	19.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.39	22	36	30	22000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	19.12.2023	आउटलेट ऑफ एस0टी0पी0	20	7.21	20	36	24	8400	400
10	प्रयागराज	झूंसी 16MLD (FCR)	19.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.19	20	28	20	11000	680
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	***6.50-9.0***	***30 mg/L***	***250 mg/L***	***100 mg/L***	-	***1000 MPN/100 ml***

23/12/2023
विश्लेषणकर्ता

23.12.23
आंचकर्ता

क्षेत्रीय अधिकारी

511

576

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	रासायनिक - ऑक्सीजन मांग (मिग्रा0/ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	12.12.2023	आउटलेट ऑफ एस0टी0पी0	35	7.21	24	44	24	21000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	12.12.2023	आउटलेट ऑफ एस0टी0पी0	40	7.39	26	48	28	43000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	12.12.2023	आउटलेट ऑफ एस0टी0पी0	10	7.01	10	16	8	7000	400
4	प्रयागराज	राजापुर 60MLD (UASB)	12.12.2023	आउटलेट ऑफ एस0टी0पी0	40	7.36	26	52	32	24000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	12.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.22	20	36	20	12000	450
6	प्रयागराज	पोंगहट 10MLD (Bio Tower)	12.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.49	20	32	20	7900	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	12.12.2023	आउटलेट ऑफ एस0टी0पी0	30	7.38	18	32	16	15000	450
8	प्रयागराज	नैनी2 42MLD (FCR)	12.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.14	20	40	26	17000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	12.12.2023	आउटलेट ऑफ एस0टी0पी0	30	7.31	22	32	20	8400	400
10	प्रयागराज	झूंसी 16MLD (FCR)	12.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.22	22	28	18	9400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	***6.50-9.0***	***30 mg/L***	***250 mg/L***	***100 mg/L***	-	***1000 MPN/100 ml***

Ankita Mishra 18/12/2023
विश्लेषणकर्ता

18.12.23
जांचकर्ता

क्षेत्रीय अधिकारी

512

577

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	05.12.2023	आउटलेट ऑफ एस0टी0पी0	35	7.21	22	98	22	22000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	05.12.2023	आउटलेट ऑफ एस0टी0पी0	40	7.26	26	52	28	35000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	05.12.2023	आउटलेट ऑफ एस0टी0पी0	15	7.09	12	24	8	8400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	05.12.2023	आउटलेट ऑफ एस0टी0पी0	40	7.37	28	60	32	24000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	05.12.2023	आउटलेट ऑफ एस0टी0पी0	30	7.28	20	44	28	14000	450
6	प्रयागराज	पोंगहट 10MLD (Bio Tower)	05.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.31	20	36	18	7900	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	05.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.24	18	40	20	15000	450
8	प्रयागराज	नैनी2 42MLD (FCR)	05.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.27	20	32	20	17000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	05.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.31	20	28	22	7900	400
10	प्रयागराज	झूंसी 16MLD (FCR)	05.12.2023	आउटलेट ऑफ एस0टी0पी0	25	7.25	22	32	16	9400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					**-**	***6.50-9.0***	***30 mg/L***	***250 mg/L***	***100 mg/L***	**-**	***1000 MPN/100 ml***

Ankita Mishra 09/12/2023
विश्लेषणकर्ता

9.12.23
जांचकर्ता

क्षेत्रीय अधिकारी

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	16.01.2024	आउटलेट ऑफ एस0टी0पी0	35	7.61	24	52	36	22000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	16.01.2024	आउटलेट ऑफ एस0टी0पी0	40	7.52	26	60	40	43000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	16.01.2024	आउटलेट ऑफ एस0टी0पी0	10	7.31	12	24	8	8400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	16.01.2024	आउटलेट ऑफ एस0टी0पी0	45	7.39	26	60	48	24000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	16.01.2024	आउटलेट ऑफ एस0टी0पी0	30	7.22	22	40	30	11000	450
6	प्रयागराज	पीगहट 10MLD (Bio Tower)	16.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.37	20	44	26	7000	400
7	प्रयागराज	नुसायाडाही 50MLD (Bio Tower)	16.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.41	24	36	28	15000	450
8	प्रयागराज	नैनी2 42MLD (FCR)	16.01.2024	आउटलेट ऑफ एस0टी0पी0	30	7.52	24	48	20	17000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	16.01.2024	आउटलेट ऑफ एस0टी0पी0	20	7.38	20	32	20	7900	400
10	प्रयागराज	झूंसी 16MLD (FCR)	16.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.49	22	28	18	9400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	*6.50-9.0*	*30 mg/L*	*250 mg/L*	*100 mg/L*	-	*1000 MPN/100 ml*

Ankita Mishra 22/01/2024
विश्लेषणकर्ता

22/1/24
जांचकर्ता

क्षेत्रीय अधिकारी

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	23.01.2024	आउटलेट ऑफ एस0टी0पी0	35	7.26	22	36	28	22000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	23.01.2024	आउटलेट ऑफ एस0टी0पी0	35	7.29	24	44	30	35000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	23.01.2024	आउटलेट ऑफ एस0टी0पी0	15	7.09	10	16	8	8400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	23.01.2024	आउटलेट ऑफ एस0टी0पी0	40	7.32	26	48	34	24000	680
5	प्रयागराज	कोढरा 25MLD (Bio Tower)	23.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.41	20	24	26	13000	450
6	प्रयागराज	फाफामऊ 10MLD (Bio Tower)	23.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.36	20	24	25	7900	400
7	प्रयागराज	नुसायाडाही 50MLD (Bio Tower)	23.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.29	22	28	22	15000	450
8	प्रयागराज	नैनी2 42MLD (FCR)	23.01.2024	आउटलेट ऑफ एस0टी0पी0	30	7.37	20	28	26	17000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	23.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.41	22	24	20	7000	400
10	प्रयागराज	झूंसी 16MLD (FCR)	23.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.4	22	32	18	9400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	***6.50-9.0***	***30 mg/L***	***250 mg/L***	***100 mg/L***	-	***1000 MPN/100 ml***

Ankit Mishra 24/01/2024
विश्लेषणकर्ता

24/1/24
जांचकर्ता

क्षेत्रीय अधिकारी

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)	टोटल कालीफार्म	फीक्स कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	30.01.2024	आउटलेट ऑफ एस0टी0पी0	35	7.26	20	36	24	22000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	30.01.2024	आउटलेट ऑफ एस0टी0पी0	40	7.12	24	40	30	43000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	30.01.2024	आउटलेट ऑफ एस0टी0पी0	15	7.13	8	16	12	8400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	30.01.2024	आउटलेट ऑफ एस0टी0पी0	40	7.29	26	48	42	28000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	30.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.31	20	36	26	12000	450
6	प्रयागराज	पोंगहट 10MLD (Bio Tower)	30.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.41	20	32	24	7900	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	30.01.2024	आउटलेट ऑफ एस0टी0पी0	20	7.36	16	32	20	17000	680
8	प्रयागराज	नैनी2 42MLD (FCR)	30.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.22	18	28	20	21000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	30.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.29	18	24	16	7000	400
10	प्रयागराज	झूंसी 16MLD (FCR)	30.01.2024	आउटलेट ऑफ एस0टी0पी0	25	7.31	16	24	20	9400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	*6.50-9.0*	*30 mg/L*	*250 mg/L*	*100 mg/L*	-	*1000 MPN/100 ml*

Ankita Mishra 05/02/2024

विश्लेषणकर्ता

5/2/24

आंचकर्ता

क्षेत्रीय अधिकारी

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क्र0स0	जनपद का नाम	एस0टी0पी0 का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	21.11.2023	आउटलेट ऑफ एस0टी0पी0	40	7.41	24	56	46	22000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	21.11.2023	आउटलेट ऑफ एस0टी0पी0	45	7.39	26	60	48	43000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	21.11.2023	आउटलेट ऑफ एस0टी0पी0	20	7.21	8	24	10	9400	400
4	प्रयागराज	फाफामऊ 60MLD (UASB)	21.11.2023	आउटलेट ऑफ एस0टी0पी0	45	7.36	28	64	50	28000	680
5	प्रयागराज	फोडरा 25MLD (Bio Tower)	21.11.2023	आउटलेट ऑफ एस0टी0पी0	20	7.25	18	28	30	14000	450
6	प्रयागराज	पोंगहट 10MLD (Bio Tower)	21.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.29	20	32	36	7900	400
7	प्रयागराज	नुमायाढाही 50MLD (Bio Tower)	21.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.36	20	36	20	15000	450
8	प्रयागराज	नैनी 2 42MLD (FCR)	21.11.2023	आउटलेट ऑफ एस0टी0पी0	30	7.39	22	44	20	21000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	21.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.26	18	40	18	7000	400
10	प्रयागराज	झूंसी 18MLD (FCR)	21.11.2023	आउटलेट ऑफ एस0टी0पी0	40	7.06	24	48	26	7900	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	*6.50-9.0*	*30 mg/L*	*250 mg/L*	*100 mg/L*	-	*1000 MPN/100 ml*

विश्लेषणकर्ता

जांचकर्ता

क्षेत्रीय अधिकारी

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 60MLD (ASP)	14.11.2023	आउटलेट ऑफ एस0टी0पी0	40	7.36	22	52	38	22000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	14.11.2023	आउटलेट ऑफ एस0टी0पी0	40	7.39	25	48	29	35000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	14.11.2023	आउटलेट ऑफ एस0टी0पी0	15	7.11	10	18	10	8400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	14.11.2023	आउटलेट ऑफ एस0टी0पी0	45	7.27	26	60	46	28000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	14.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.35	22	36	20	13000	450
6	प्रयागराज	फाफामऊ 10MLD (Bio Tower)	14.11.2023	आउटलेट ऑफ एस0टी0पी0	20	7.42	18	28	20	7900	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	14.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.40	20	32	24	17000	680
8	प्रयागराज	नैनी2 42MLD (FCR)	14.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.36	20	28	25	21000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	14.11.2023	आउटलेट ऑफ एस0टी0पी0	20	7.28	20	24	20	9400	400
10	प्रयागराज	झूंसी 16MLD (FCR)	14.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.24	18	24	18	11000	450
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	*6.50-9.0*	*30 mg/L*	*250 mg/L*	*100 mg/L*	-	*1000 MPN/100 ml*

Ankita Mishra

विश्लेषणकर्ता

अधिकर्ता

क्षेत्रीय अधिकारी

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	07.11.2023	आउटलेट ऑफ एस0टी0पी0	30	7.4	24	60	44	21000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	07.11.2023	आउटलेट ऑफ एस0टी0पी0	30	7.3	26	64	46	43000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	07.11.2023	आउटलेट ऑफ एस0टी0पी0	15	7.09	10	28	10	8400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	07.11.2023	आउटलेट ऑफ एस0टी0पी0	45	7.35	28	72	52	24000	680
5	प्रयागराज	कोड़रा 25MLD (Bio Tower)	07.11.2023	आउटलेट ऑफ एस0टी0पी0	30	7.26	22	32	38	12000	450
6	प्रयागराज	पोगहट 10MLD (Bio Tower)	07.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.28	20	36	34	7900	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	07.11.2023	आउटलेट ऑफ एस0टी0पी0	30	7.25	22	40	36	17000	680
8	प्रयागराज	नैनी2 42MLD (FCR)	07.11.2023	आउटलेट ऑफ एस0टी0पी0	30	7.32	24	36	30	15000	450
9	प्रयागराज	फाफामऊ 14MLD (FCR)	07.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.27	20	32	24	9400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	*6.50-9.0*	*30 mg/L*	*250 mg/L*	*100 mg/L*	-	*1000 MPN/100 ml*

Ankita Mishra
विश्लेषणकर्ता

जांचकर्ता

क्षेत्रीय अधिकारी

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0स0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजेन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	40	7.36	22	52	42	24000	680
2	प्रयागराज	झलोरी 29MLD (FAB)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	50	7.29	24	56	45	43000	920
3	प्रयागराज	झलोरी 14MLD (SBR)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	15	7.11	8	16	10	9400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	50	7.36	26	60	50	24000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	30	7.42	20	48	32	13000	680
6	प्रयागराज	पोंगहट 10MLD (Bio Tower)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.35	20	40	35	7000	400
7	प्रयागराज	नुभायाडाही 50MLD (Bio Tower)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	30	7.41	18	44	26	17000	680
8	प्रयागराज	नैनी2 42MLD (FCR)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.37	20	40	20	21000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.44	20	36	20	7900	400
10	प्रयागराज	झूसी 16MLD (FCR)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.28	20	44	18	8400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	*6.50-9.0*	*30 mg/L*	*250 mg/L*	*100 mg/L*	-	*1000 MPN/100 ml*

विश्लेषणकर्ता

जांचकर्ता

क्षेत्रीय अधिकारी

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क्र0स0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजेन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	40	7.36	22	52	42	24000	680
2	प्रयागराज	झलोरी 29MLD (FAB)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	50	7.29	24	56	45	43000	920
3	प्रयागराज	झलोरी 14MLD (SBR)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	15	7.11	8	16	10	9400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	50	7.36	26	60	50	24000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	30	7.42	20	48	32	13000	680
6	प्रयागराज	फाफामऊ 10MLD (Bio Tower)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.35	20	40	35	7000	400
7	प्रयागराज	नुमायदाही 60MLD (Bio Tower)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	30	7.41	18	44	26	17000	680
8	प्रयागराज	नैनी 42MLD (FCR)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.37	20	40	20	21000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.44	20	36	20	7900	400
10	प्रयागराज	झूंसी 16MLD (FCR)	28.11.2023	आउटलेट ऑफ एस0टी0पी0	25	7.28	20	44	18	8400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	*6.50-9.0*	*30 mg/L*	*250 mg/L*	*100 mg/L*	-	*1000 MPN/100 ml*

विश्लेषणकर्ता

जांचकर्ता

क्षेत्रीय अधिकारी

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क्र0स0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	27.02.2024	आउटलेट ऑफ एस0टी0पी0	35	7.42	24	56	36	22000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	27.02.2024	आउटलेट ऑफ एस0टी0पी0	40	7.45	26	60	40	43000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	27.02.2024	आउटलेट ऑफ एस0टी0पी0	15	7.18	10	24	8	8400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	27.02.2024	आउटलेट ऑफ एस0टी0पी0	45	7.39	26	64	42	28000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	27.02.2024	आउटलेट ऑफ एस0टी0पी0	30	7.21	22	36	36	12000	450
6	प्रयागराज	पोगहट 10MLD (Bio Tower)	27.02.2024	आउटलेट ऑफ एस0टी0पी0	25	7.29	22	40	28	7900	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	27.02.2024	आउटलेट ऑफ एस0टी0पी0	30	7.22	22	36	30	15000	450
8	प्रयागराज	नैनी2 42MLD (FCR)	27.02.2024	आउटलेट ऑफ एस0टी0पी0	25	7.35	24	24	32	21000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	27.02.2024	आउटलेट ऑफ एस0टी0पी0	25	7.31	20	28	25	7000	400
10	प्रयागराज	झूंसी 16MLD (FCR)	27.02.2024	आउटलेट ऑफ एस0टी0पी0	25	7.36	20	24	20	9400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	*6.50-9.0*	*30 mg/L*	*250 mg/L*	*100 mg/L*	-	*1000 MPN/100 ml*

विश्लेषणकर्ता

जांचकर्ता

क्षेत्रीय अधिकारी

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	20.02.2024	आउटलेट ऑफ एस0टी0पी0	35	7.36	22	56	38	21000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	20.02.2024	आउटलेट ऑफ एस0टी0पी0	40	7.41	26	60	42	43000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	20.02.2024	आउटलेट ऑफ एस0टी0पी0	15	7.11	12	24	8	9400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	20.02.2024	आउटलेट ऑफ एस0टी0पी0	40	7.21	26	64	46	24000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	20.02.2024	आउटलेट ऑफ एस0टी0पी0	25	7.37	20	48	36	12000	450
6	प्रयागराज	पोंगहट 10MLD (Bio Tower)	20.02.2024	आउटलेट ऑफ एस0टी0पी0	25	7.39	22	36	28	7000	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	20.02.2024	आउटलेट ऑफ एस0टी0पी0	25	7.28	22	32	30	15000	450
8	प्रयागराज	नैनी2 42MLD (FCR)	20.02.2024	आउटलेट ऑफ एस0टी0पी0	20	7.36	24	32	20	22000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	20.02.2024	आउटलेट ऑफ एस0टी0पी0	25	7.39	20	28	24	7900	400
10	प्रयागराज	झूंसी 16MLD (FCR)	20.02.2024	आउटलेट ऑफ एस0टी0पी0	20	7.32	18	28	20	8400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	*6.50-9.0*	*30 mg/L*	*250 mg/L*	*100 mg/L*	-	*1000 MPN/100 ml*

विश्लेषणकर्ता

जांचकर्ता

क्षेत्रीय अधिकारी

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0स0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	13.02.2024	आउटलेट ऑफ एस0टी0पी0	35	7.37	25	56	42	22000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	13.02.2024	आउटलेट ऑफ एस0टी0पी0	40	7.31	26	48	50	35000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	13.02.2024	आउटलेट ऑफ एस0टी0पी0	15	7.16	10	24	10	7900	400
4	प्रयागराज	राजापुर 60MLD (UASB)	13.02.2024	आउटलेट ऑफ एस0टी0पी0	40	7.28	28	60	52	28000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	13.02.2024	आउटलेट ऑफ एस0टी0पी0	25	7.36	20	36	38	13000	450
6	प्रयागराज	पौंगहट 10MLD (Bio Tower)	13.02.2024	आउटलेट ऑफ एस0टी0पी0	25	7.41	18	32	24	8400	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	13.02.2024	आउटलेट ऑफ एस0टी0पी0	30	7.39	22	36	20	17000	680
8	प्रयागराज	नैनी.2 42MLD (FCR)	13.02.2024	आउटलेट ऑफ एस0टी0पी0	25	7.4	20	28	26	21000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	13.02.2024	आउटलेट ऑफ एस0टी0पी0	25	7.35	22	32	24	7000	400
10	प्रयागराज	झूंसी 16MLD (FCR)	13.02.2024	आउटलेट ऑफ एस0टी0पी0	20	7.28	20	28	20	9400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					**-**	**6.50-9.0**	***30 mg/L***	***250 mg/L***	***100 mg/L***	**-**	***1000 MPN/100 ml***

16/2/24
विश्लेषणकर्ता

16/2/24
जांचकर्ता

क्षेत्रीय अधिकारी

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एसटीपी आउटलेट की विश्लेषण आख्या

क्रमांक	जनपद का नाम	एसटीपी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	तापमान (डिग्री सेल्सियस)	पी एच	बी ओ डी (मिग्रा0 / ली0)	सी ओ डी (मिग्रा0 / ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)	फीकल कालीफार्म	टोटल कालीफार्म
1	प्रयागराज	(SP, 60MLD) (ASP)	06.02.2024	आउटलेट ऑफ एसटीपी0	40	7.31	24	48	36	240000	680
2	प्रयागराज	(NTPC, 20MLD) (TAB)	06.02.2024	आउटलेट ऑफ एसटीपी0	40	7.29	26	52	40	430000	920
3	प्रयागराज	(NTPC, 42MLD) (NBK)	06.02.2024	आउटलेट ऑफ एसटीपी0	15	7.33	10	16	8	9400	400
4	प्रयागराज	(Naini, 60MLD) (UASB)	06.02.2024	आउटलेट ऑफ एसटीपी0	40	7.36	28	60	40	280000	680
5	प्रयागराज	(Naini, 28MLD) (Bio Tower)	06.02.2024	आउटलेट ऑफ एसटीपी0	25	7.41	20	32	32	110000	650
6	प्रयागराज	(Naini, 10MLD) (Bio Tower)	06.02.2024	आउटलेट ऑफ एसटीपी0	25	7.22	22	36	28	79000	430
7	प्रयागराज	(Naini, 8MLD) (Bio Tower)	06.02.2024	आउटलेट ऑफ एसटीपी0	20	7.41	22	28	29	170000	680
8	प्रयागराज	(SP, 42MLD) (FAB)	06.02.2024	आउटलेट ऑफ एसटीपी0	25	7.39	20	32	20	84000	420
9	प्रयागराज	(Naini, 14MLD) (FAB)	06.02.2024	आउटलेट ऑफ एसटीपी0	25	7.28	22	28	20	79000	430
10	प्रयागराज	(SP, 6MLD) (FAB)	06.02.2024	आउटलेट ऑफ एसटीपी0	25	7.35	20	28	20	79000	430
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	6.50-9.0	30 mg/L	250 mg/L	100 mg/L		1000 MPN, 100 ml

विश्लेषणकर्ता

जांचकर्ता

क्षेत्रीय अधिकारी

525

590

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	05.03.2024	आउटलेट ऑफ एस0टी0पी0	35	7.41	22	56	40	21000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	05.03.2024	आउटलेट ऑफ एस0टी0पी0	40	7.39	26	60	48	43000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	05.03.2024	आउटलेट ऑफ एस0टी0पी0	15	7.18	12	28	10	7900	400
4	प्रयागराज	राजापुर 60MLD (UASB)	05.03.2024	आउटलेट ऑफ एस0टी0पी0	40	7.26	26	64	54	22000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	05.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.39	20	40	33	11000	450
6	प्रयागराज	फाँगहट 10MLD (Bio Tower)	05.03.2024	आउटलेट ऑफ एस0टी0पी0	30	7.28	22	32	28	7000	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	05.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.36	22	36	26	15000	450
8	प्रयागराज	नैनी.2 42MLD (FCR)	05.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.31	18	28	30	17000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	05.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.22	20	36	26	8400	400
10	प्रयागराज	झूंसी 16MLD (FCR)	05.03.2024	आउटलेट ऑफ एस0टी0पी0	30	7.42	20	24	32	9400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	***6.50-9.0***	***30 mg/L***	***250 mg/L***	***100 mg/L***	-	***1000 MPN/100 ml***

12/3/24
विश्लेषणकर्ता

12/3/24
जांचकर्ता

क्षेत्रीय अधिकारी

526

591

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0/ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0/ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	12.03.2024	आउटलेट ऑफ एस0टी0पी0	35	7.39	24	72	45	22000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	12.03.2024	आउटलेट ऑफ एस0टी0पी0	40	7.47	26	68	40	43000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	12.03.2024	आउटलेट ऑफ एस0टी0पी0	15	7.21	10	24	8	8400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	12.03.2024	आउटलेट ऑफ एस0टी0पी0	40	7.49	32	76	54	24000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	12.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.31	22	40	28	14000	450
6	प्रयागराज	पोंगहट 10MLD (Bio Tower)	12.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.30	22	32	26	7900	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	12.03.2024	आउटलेट ऑफ एस0टी0पी0	30	7.29	20	36	30	7000	400
8	प्रयागराज	नैनी2 42MLD (FCR)	12.03.2024	आउटलेट ऑफ एस0टी0पी0	30	7.42	22	44	24	17000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	12.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.31	20	36	28	8400	400
10	प्रयागराज	झूसी 16MLD (FCR)	12.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.27	20	32	20	9400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	***6.50-9.0***	***30 mg/L***	***250 mg/L***	***100 mg/L***	-	***1000 MPN/100 ml***

Sandeep Kumar 19/3/24
विश्लेषणकर्ता

19/3/24
जांचकर्ता

क्षेत्रीय अधिकारी

527

592

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0स0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	19.03.2024	आउटलेट ऑफ एस0टी0पी0	35	7.44	24	60	48	21000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	19.03.2024	आउटलेट ऑफ एस0टी0पी0	40	7.49	26	64	50	35000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	19.03.2024	आउटलेट ऑफ एस0टी0पी0	10	7.17	12	28	10	9400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	19.03.2024	आउटलेट ऑफ एस0टी0पी0	40	7.28	28	72	52	24000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	19.03.2024	आउटलेट ऑफ एस0टी0पी0	30	7.37	20	36	32	11000	450
6	प्रयागराज	पोंगहट 10MLD (Bio Tower)	19.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.41	20	40	30	7900	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	19.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.24	22	40	26	15000	450
8	प्रयागराज	नैनी.2 42MLD (FCR)	19.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.37	20	32	24	17000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	19.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.29	16	28	28	7900	400
10	प्रयागराज	झूंसी 16MLD (FCR)	19.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.22	20	32	20	8400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	***6.50-9.0***	***30 mg/L***	***250 mg/L***	***100 mg/L***	-	***1000 MPN/100 ml***

25/3/24

विश्लेषणकर्ता

25/3/24

निरीक्षणकर्ता

क्षेत्रीय अधिकारी

528

593

क्षेत्रीय कार्यालय, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, प्रयागराज

बोर्ड मुख्यालय द्वारा निर्धारित कार्य योजना के अनुसार जनपद प्रयागराज में संचालित एस0टी0पी0 आउटलेट की विश्लेषण आख्या

क0सं0	जनपद का नाम	एस0टी0पी का नाम	जल नमूना एकत्रण तिथि	जल नमूना एकत्रण बिन्दु	रंग (हैजन)	पी.एच.	जैव–रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	रासायनिक ऑक्सीजन मांग (मिग्रा0 / ली0)	टोटल सस्पेंडेड सालिड (मिग्रा0 / ली0)	टोटल कालीफार्म	फीकल कालीफार्म
1	प्रयागराज	नैनी 80MLD (ASP)	26.03.2024	आउटलेट ऑफ एस0टी0पी0	35	7.22	25	56	32	21000	680
2	प्रयागराज	सलोरी 29MLD (FAB)	26.03.2024	आउटलेट ऑफ एस0टी0पी0	40	7.41	26	60	38	43000	920
3	प्रयागराज	सलोरी 14MLD (SBR)	26.03.2024	आउटलेट ऑफ एस0टी0पी0	15	7.17	10	24	10	8400	400
4	प्रयागराज	राजापुर 60MLD (UASB)	26.03.2024	आउटलेट ऑफ एस0टी0पी0	40	7.28	28	64	40	28000	680
5	प्रयागराज	कोडरा 25MLD (Bio Tower)	26.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.20	20	36	26	14000	450
6	प्रयागराज	पौंगहट 10MLD (Bio Tower)	26.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.44	22	40	20	7900	400
7	प्रयागराज	नुमायाडाही 50MLD (Bio Tower)	26.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.39	22	36	24	14000	450
8	प्रयागराज	नैनी2 42MLD (FCR)	26.03.2024	आउटलेट ऑफ एस0टी0पी0	20	7.31	22	32	20	17000	680
9	प्रयागराज	फाफामऊ 14MLD (FCR)	26.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.27	20	28	18	8400	400
10	प्रयागराज	झूंसी 16MLD (FCR)	26.03.2024	आउटलेट ऑफ एस0टी0पी0	25	7.34	18	36	18	9400	400
Standard for S.T.P by Notification No :- GSR1265(E) 13.10.2017					-	***6.50-9.0***	***30 mg/L***	***250 mg/L***	***100 mg/L***	-	***1000 MPN/100 ml***

विश्लेषणकर्ता 02/04/24

जांचकर्ता 2/4/24

क्षेत्रीय अधिकारी