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A report on

Rainwater Harvesting Potential for Delhi Technological University

prepared by

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&

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Contents

DELHI TECHNOLOGICAL UNIVERSITY
(formerly known as Delhi College of Engineering)

Executive Summary

This report presents a detailed analysis of the rainwater harvesting (RWH) potential at Delhi Technological University (DTU), formerly known as Delhi College of Engineering. The study evaluates the potential for capturing and utilizing rainwater from various surface types across the university campus recognizing the importance of sustainable water management.

The assessment covers a total area of 663,154.03 square meters, with an overall potential run-off of 266,874.38 cubic meters per year. Two primary scenarios were considered: the present condition and the future condition as per the master plan. In the present condition, the analysis reveals a total run-off potential of 238,341.75 cubic meters per year, necessitating the installation of around 73 rainwater harvesting pits. Under the master plan scenario, the potential run-off increases to 266,874.38 cubic meters per year; the university will require around 120 pits to manage the runoff effectively.

The methodology involved data collection on surface types, ground coverage areas, average annual rainfall, and runoff coefficients. Calculations were based on standard formulas and guidelines, and two scenarios were analyzed to provide a comprehensive view of current and future RWH potential.

Based on the analysis, it is recommended to implement the required number of rainwater harvesting pits as detailed in the scenarios to maximize water conservation. Regular maintenance of RWH systems is essential to ensure efficient operation. Monitoring systems may be established to collect data on rainwater collection and usage which may help in performance evaluation and improvement. Additionally, future expansions and improvements to RWH infrastructure should be considered as the university grows.

1. Overview

Rainwater harvesting (RWH) is a sustainable and effective method of water management that involves collecting, storing, and utilizing rainwater for various purposes. Given the increasing pressures on water resources, implementing RWH systems is essential for ensuring water security, especially in urban and institutional settings. This report assesses the rainwater harvesting potential at Delhi Technological University (DTU), formerly known as Delhi College of Engineering.

DTU, with its expansive campus and numerous buildings, presents a significant opportunity for rainwater harvesting. This report aims to analyze the potential for capturing rainwater from various surface types, including rooftops, roads, paved areas, open land, and green belts within the university premises. By examining different scenarios of current and planned construction phases, the report provides a comprehensive understanding of the required infrastructure to maximize rainwater harvesting. Two primary scenarios are considered:

Present Condition (Scenario 1): This scenario determines the present requirement of Rooftop Rainwater Harvesting System (RTRWHS) considering the RWH potential for the buildings constructed under Phase I. The blocks constructed under the Part 1 of Phase II construction have been constructed with RTRWHS with the following details:

Table 1. Details of existing Rooftop Rain Water Harvesting Structures at Delhi Technological University

Sr. No.	*Location of RWH Structure*	*Rooftop Area (m^2)*	*Size of Pit(s) LxBxH*	*Pit Volume (Cum.)*	*Quantum of Run off available (Cum/Year)*
1	Academic Block 3	1809.00	5.5x2.0x2.0 mtr.	22.00	1620.33
2	Academic Block 3		8.0x2.0x2.0 mtr.	32.00	
3	Academic Block 4	2285.00	5.5x2.0x2.0 mtr.	22.00	1399.93
4	Academic Block 4		8.0x2.0x2.0 mtr.	32.00	
5	APJ Hostel	491.00	5.5x2.0x2.0 mtr.	22.00	274.7
6	APJ Hostel		8.0x2.0x2.0 mtr.	32.00	
			Totals	**162.00**	**3294.96**

Master Plan (Scenario 2): This scenario determines the requirement of Rooftop Rainwater Harvesting System (RTRWHS) considering the RWH potential after completion of the entire phased construction of the University as per the Master Plan.

The methodology employed in this analysis includes an examination of ground coverage areas, application of appropriate runoff coefficients, and consideration of the average annual rainfall. The report also includes an evaluation of the number and size of RWH pits required to capture and utilize the runoff effectively.

This report is prepared by Prof. S. Anbu Kumar, Professor, Department of Civil Engineering and Mr. Gour Anunay Ashokkumar, Assistant Professor, Department of Environmental Engineering. It aims to support the university in implementing robust rainwater harvesting systems, contribute to water conservation, and promote sustainable practices within the university campus.

2. Methodology

The methodology for assessing the rainwater harvesting (RWH) potential at Delhi Technological University (DTU) involves a systematic approach to evaluate the various factors influencing rainwater collection and utilization. The process includes the following steps:

a. Data Collection

Data on surface types, ground coverage areas, rainfall intensity, and runoff coefficients were collected. Specific data points include:

- *Surface Types:* Different surfaces such as rooftops, roads, paved areas, open land, and green belts as shown in the figure below.

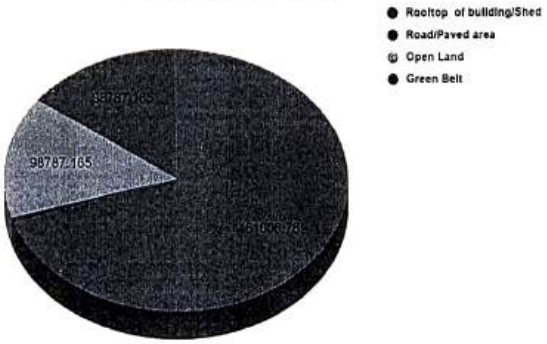

Fig. 1 Types of surface

- *Ground Coverage Area:* The area in square meters (sqm) for each surface type.
- *Rainfall Intensity:* The average annual rainfall for the North-West District of the NCT of Delhi was determined to be 621.5 mm (IMD, Delhi).
- *Runoff Coefficient:* The coefficient indicating the fraction of rainfall that becomes runoff for each surface type, based on the Manual of Artificial Recharge of Ground Water (CGWB, 2007) as shown in Table 2.

Table 2. Runoff Coefficient

Type of Surface	*Runoff Coefficient*
Rooftop of Buildings	0.85
Shed	0.85
Road/Paved area	0.65
Open Land	0.20
Green Belt	0.15

b. Calculation of Quantum of Runoff

The quantum of runoff available was calculated for each surface type using the following formula:

$$Quantum\ of\ Runoff\ (Cum/Year) = Area\ (m^2) \times Rainfall\ Intensity\ (m) \times Runoff\ Coefficient$$

This calculation was performed separately for each surface type to determine the total potential runoff.

c. Scenario Analysis

Two scenarios were considered to assess the rainwater harvesting potential:

- *Scenario 1: Present Condition* - evaluates the RWH potential for buildings and infrastructure constructed under Phase I and Part 1 of Phase II. It determines the current requirement for RWH systems based on the existing structures.
- *Scenario 2: Master Plan* - projects the RWH potential upon the completion of all construction phases as per the University's master plan. It provides a long-term view of RWH infrastructure needs.

d. Determination of Required RWH Pits

The required volume of RWH pits was determined by considering approximately 3.5% of the volume of RWH potential for each block of connected buildings. The volume was divided by the nominal pit volume of 32 cubic meters (cu.m) (pit size: 8.0 x 2.0 x 2.0 meters) to determine the number of pits required. The guideline considered for pit-size as shown in Table 3.

Table 3. Rain Water Harvesting pit size guideline

Plot Area (SQM)	*Required Volume of RWH Pit (Cu.M)*	*Dimensions*		
		Length (m)	*Width (m)*	*Depth (m)*
200	4	2	1	2
300	8	2	2	2
400	12	3	2	2
500	16	4	2	2
600	20	5	2	2
700	24	4	3	2
800	28	7	2	2
900	32	4	4	2
1000	36	6	3	2

3. Results

The results of the rainwater harvesting (RWH) potential assessment for Delhi Technological University (DTU) are presented in two scenarios: the present condition and the master plan scenario. These scenarios help in understanding the current and future requirements for RWH systems to optimize water conservation on the campus.

Scenario 1: Present Condition

This scenario evaluates the requirement of Rooftop Rainwater Harvesting System (RTRWHS) considering the RWH potential based on the buildings and infrastructure currently in place, focusing on structures completed under Phase I and Part 1 of Phase II construction. Refer to Table A.1. of the annexure for the calculation sheet of this scenario. The building-wise summary of Rain-water Harvesting System requirements as per the Master Plan of the university is presented in Table 5 below.

Summary of Present Condition:

Total Area Evaluated:	**663,154.03 sqm**
Total Quantum of Available Runoff:	**266,874.38 cubic meters (cum) per year**
Total Number of Pits Required:	**73**

Detailed Results:

Table 4. Present Roof-top Rainwater Harvesting System Requirements

Sr. No.	*Block*	*No. of Connected Buildings*	*No. of Pits required*
1	Admin Block	1	1
2	Auditorium	1	1
3	Library	1	1
4	Computer Centre	1	1
5	Science Block	1	1
6	Inclined Wing Sc. Block	1	1
7	Workshop	6	2
8	Mechanical Engineering	1	2
9	Canteen	1	1
10	Civil to Electrical Block	1	2
11	Delhi School of Management	1	1
12	Substations	8	8
13	Boys Hostel	6	6
14	Director's Sports Office & Toi	1	1
15	Indoor Hall	1	1
16	Wind Tunnel	2	2
17	SPS	5	5
18	Pragya Bhavan	1	1
19	Type 4 Residences	8	8
20	Type 5 Residences	4	4
21	Guest House	1	1
22	Transit Hostel	1	1
23	VC Residence	2	1
24	KC Hostel	1	1
25	SN Hostel	1	1
26	Health Centre	1	1
27	Type 2 & 3 Residences	10	10
28	Type 1 Residences	4	4
29	Aryabhatta Mess	1	1

30	Raj Soin Hall	1	1
31	Design Centre	1	1
	Total	**76**	**73**

Scenario 2. - Master Plan

This scenario determines the requirement of Rooftop Rainwater Harvesting System (RTRWHS) considering the RWH potential upon completion of all construction phases of the University as per the Master Plan. Refer to Table A.2. of the annexure for the calculation sheet of this scenario. The building-wise summary of Rain-water Harvesting System requirements as per the Master Plan of the university is presented in Table 5 below.

Summary as per Master Plan:

Total Roof-top Area Evaluated: **663,154.03 sqm**

Total Quantum of Available Runoff: **266,874.38 cubic meters (cum) per year**

Total Number of Pits Required: **120**

Detailed Results:

Sr. No.	*Particulars*	*Area (Sqm)*	*Rainfall (m)*	*Runoff Coefficient**	*Quantum of Runoff available (Cum/Year)*
	1	2	3	4	5 (2*3*4)
1	Rooftop of building/Shed	461006.78	0.6215	0.85	243,538.36
2	Road/Paved area	4572.92	0.6215	0.65	1,847.35
3	Open Land	98787.165	0.6215	0.20	12,279.24
4	Green Belt	98787.165	0.6215	0.15	9,209.43
Total Area (sqm) =		**663154.03**	**Total Quantum of available runoff (cum/y) =**		**266,874.38**

Table 5. Details of RTRWHS for RWH Potential at DTU as per Master Plan

Sr. No.	*Blocks*	*Description*	*Quantum of Runoff available (Cum/Year)*	*Estimated Pit Volume (Cu.m)*	*No. of 32 Cu.m Pits*	*No. of 22 Cu.m Pits*	*No. of 20 Cu.m Pits*	*No. of 12 Cu.m Pits*
1	AB-1	ACADEMIC BUILDING	2,669.43	131.34	3			
2	AB-3A	SEMINAR HALL	233.50	11.49				1

Sr. No.	Blocks	Description	Quantum of Runoff available (Cum/Year)	Estimated Pit Volume (Cu.m)	No. of 32 Cu.m Pits	No. of 22 Cu.m Pits	No. of 20 Cu.m Pits	No. of 12 Cu.m Pits
3	AB-6	ACADEMIC BUILDING	834.10	41.04			1	
4	AB-7	ACADEMIC BUILDING	826.16	40.65			1	
5	AB-8	ACADEMIC BUILDING	1,106.79	54.45	1	1		
6	AB-9	MULTIPURPOSE HALL	528.28	25.99				1
7	CB-1	ACTIVITY CENTRE	756.05	37.20			1	
8	CB-3	DINING HALL (BOYS)	857.76	42.20			1	
9	CB-5	DINING HALL (GIRLS)	461.51	22.71				1
10	H-12ME 1	BOYS HOSTEL	204.13	10.04				1
11	H-12ME 2	BOYS HOSTEL	204.13	10.04				1
12	H1	BOYS HOSTEL	262.25	12.90				1
13	H10	BOYS HOSTEL	262.25	12.90				1
14	H11	BOYS HOSTEL	274.70	13.52				1
15	H12	BOYS HOSTEL	262.25	12.90				1
16	H13	BOYS HOSTEL	262.25	12.90				1
17	H14	BOYS HOSTEL	274.70	13.52				1
18	H15	BOYS HOSTEL	262.25	12.90				1
19	H16	BOYS HOSTEL	274.70	13.52				1
20	H2	BOYS HOSTEL	262.25	12.90				1
21	H3	BOYS HOSTEL	274.70	13.52				1
22	H6	BOYS HOSTEL	262.25	12.90				1
23	H7	BOYS HOSTEL	274.70	13.52				1
24	H8	BOYS HOSTEL	262.25	12.90				1
25	H9	BOYS HOSTEL	274.70	13.52				1
26	HG-1	GIRLS HOSTEL	262.25	12.90				1
27	HG-12ME	GIRLS HOSTEL	204.13	10.04				1
28	HG-2-	GIRLS HOSTEL	262.25	12.90				1
29	HG-3	GIRLS HOSTEL	274.70	13.52				1
30	HG-4	GIRLS HOSTEL	262.25	12.90				1
31	MLCP-1	Multi Level Car Parking	3,480.35	171.23	4			
32	MLCP-2	Multi Level Car Parking	1,427.28	70.22	2			

Sr. No.	Blocks	Description	Quantum of Runoff available (Cmm/Year)	Estimated Pit Volume (Cu.m)	No. of 32 Cu.m Pits	No. of 22 Cu.m Pits	No. of 20 Cu.m Pits	No. of 12 Cu.m Pits
33	MLCP-3	Multi Level Car Parking	1,259.60	61.97	1	1		
34	MLCP-4	Multi Level Car Parking	642.68	31.62			1	
35	MLCP-5	Multi Level Car Parking	544.66	26.80				1
36	R8-12.13.14.15. 16.17.18.19	H.O.D	756.49	37.22			1	
37	RB-1,2	TYPE-III QUARTERS	474.39	23.34				1
38	RB-10.11	TYPE-I QUARTERS	1,671.01	82.21	2			
39	RB-3.4	TYPE-IV QUARTERS	872.71	42.94			1	
40	RB-5,6,7,8	TYPE-V QUARTERS	1,745.42	85.87	2			
41	RB-9.RB-20.RB -21	TYPE-I QUARTERS	886.54	43.62			1	
42	EAB-1	ADMIN.	992.84	34.75	1	1		
43	EAB-10	CANTEEN	369.79	12.94				1
44	EAB-11	GATE COMPLEX	12.04	0.42				1
45	EAB-2	MULTIPURPOSE	1,320.69	46.22	1	1		
46	EAB-3	LIBRARY	1,056.55	36.98	1	1		
47	EAB-4	COMP. CENTRE	792.41	27.73			1	
48	EAB-5	DEPT. OF CIVIL	5,086.57	178.03	6			
49	EAB-6	DEPT OF PROD. MECH.	2,223.42	77.82	2	1		
50	EAB-7	WORKSHOP	1,804.69	63.16	2	1		
51	EAB-8	DEPT. OF PHYS. CHEM.	1,488.38	52.09	2			
52	EAB-9	TURBINE WIND TUNNEL	1,056.55	36.98	1	1		
53	EHB-1,2,3,4,5	BOYS HOSTEL	5,148.49	180.20	6			
54	EHB-6	GIRLS HOSTEL	410.38	14.36				1
55	EHB-7	PG HOSTEL	1,124.79	39.37	1	1		
56	ERB-1,2,3,4	TYPE-I QUARTERS	424.27	14.85				1
57	ERB-12,13,14	TYPE-III QUARTERS	463.97	16.24				1
58	ERB-15,16,17,1 8	TYPE-IV QUARTERS	827.05	28.95			1	
59	ERB-19,20,21,2 2	TYPE-V QUARTERS	1,576.73	55.19	2			
60	ERB-23	GUEST HOUSE	218.95	7.66				1
61	ERB-24	MARRIED SCHOLARS HOSTEL	122.14	4.27				1

Sr. No.	Blocks	Description	Qnantum of Runoff available (Cum/Year)	Estimated Pit Volume (Cu.m)	No. of 32 Cu.m Pits	No. of 22 Cu.m Pits	No. of 20 Cu.m Pits	No. of 12 Cu.m Pits
62	ERB-25	TRANSIT HOSTEL	302.73	10.60				1
63	ERB-26	NURSERY SCHOOL	422.62	14.79				1
64	ERB-27	PRINCIPAL'S BUNGALOW	105.66	3.70				1
65	ERB-28,29,30,31	PUMP HOUSE	221.88	7.77				1
66	ERB-32	12-BED HOSPITAL	413.32	14.47				1
67	ERB-33	CHLORINATION ROOM	21.34	0.75				1
68	ERB-34	DESU METERING PANEL	95.09	3.33				1
69	ERB-35,36,37,38	TRANSFORMER ROOMS	570.54	19.97				1
70	ERB-5,6,7,8,9,10,11	TYPE-II QUARTERS	887.17	31.05			1	
71	AB-2	ACADEMIC BUILDING	1,274.17	44.60	1	1		
72	AB-3	ACADEMIC BUILDING	1,620.33	56.71	2			
73	AB-4	ACADEMIC BUILDING	1,399.93	49.00	2			
74	AB-5	ACADEMIC BUILDING	2,557.31	89.51	3			
75	CB-6	SWIMMING POOL	418.83	14.66				1
76	CB-7	INDOOR SPORTS FACILITY	969.94	33.95	1	1		
77	115	BOYS HOSTEL	274.70	9.61				1
78	HB-6	GIRLS HOSTEL	274.70	9.61				1
79	HG-5	GIRLS HOSTEL	262.25	9.18				1
80	AB-4A	ACADEMIC BUILDING RECEPTION	422.62	20.79				1
81	CB-2	DINING HALL (BOYS)	857.76	42.20			1	
82	CB-4	DINING HALL (GIRLS)	406.29	19.99				1
83	114	BOYS HOSTEL	262.25	12.90				1
				Totals	49	11	12	48

Comparison of Rainwater Harvesting Potential in Both Scenarios

Table 6 provides a comparative analysis of the rainwater harvesting (RWH) potential in two scenarios: the present condition (Scenario 1) and the future condition as per the master plan (Scenario 2). The comparison is based on the potential run-off available for each phase.

Table 6 Phase-wise RTRWHS Potential compared based on various scenarios.

Sr. No.	*Phase*	*Coverage Area (sqm)*	***Scenario 1:** Present Potential Run-off available (Cum/Year)*	***Scenario 2:** Potential Run-off available (Cum/Year)*
1	Future Phases	51,970.49	7,859.02	27,454.71
2	Phase I	590,359.02	220,748.26	228,418.59
3	Phase IIA	17,135.31	9,052.16	9,052.16
4	Phase IIB	3,689.21	682.31	1,948.92
		Total	**238,341.75**	**266,874.38**

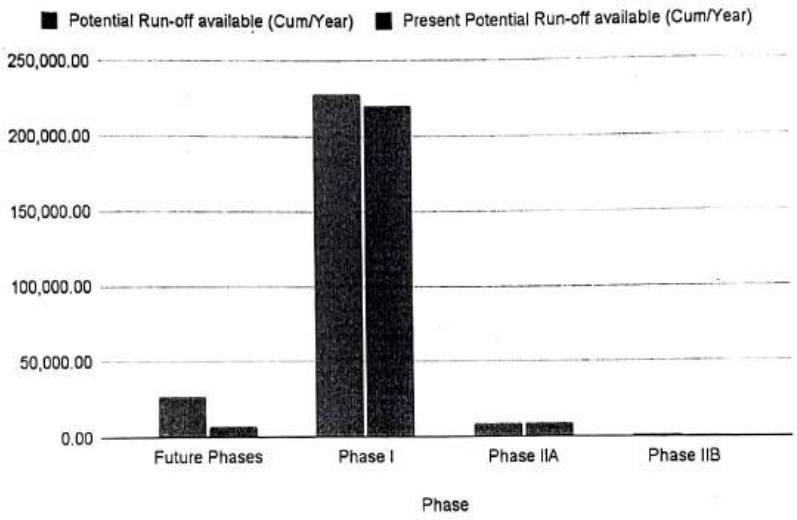

Fig. 2. Comparison of RTRWHS Potential of the considered scenarios.

The comparison highlights the significant increase in rainwater harvesting potential in Scenario 2 compared to Scenario 1. The total potential run-off available increases from 238,341.75 cubic meters per year in the present condition to 266,874.38 cubic meters per year in the master plan scenario. This increase indicates future developments, infrastructure improvements, and better RWH practices. Implementing

RTRWHS in future constructions will enhance the university's water conservation efforts, contributing to sustainable resource management and environmental stewardship.

4. Conclusion

This report on Rainwater Harvesting Potential for Delhi Technological University has identified numerous opportunities for capturing and utilizing rainwater. The evaluation has been conducted using calculations based on ground coverage area, runoff coefficients, and annual rainfall data as per the Manual of Artificial Recharge of Ground Water. Based on the current and planned infrastructural developments, two scenarios have been evaluated to determine the necessary rainwater harvesting systems:

Scenario 1 - Present Condition:

- This scenario considers the buildings constructed under Phase I and Part 1 of Phase II.
- The analysis indicates a **requirement of 73 rainwater harvesting pits** to accommodate the runoff generated from these buildings.

Scenario 2 - Master Plan:

- This scenario projects the requirement for the entire university campus upon completion of all construction phases as per the master plan.
- The analysis reveals a **requirement of 120 rainwater harvesting pits** to manage the runoff from the fully developed campus.

The study concludes that implementing the recommended number of rainwater harvesting pits will significantly contribute to water conservation efforts on the campus, enhancing sustainability and resource management. By adopting these measures, Delhi Technological University can effectively utilize its rainwater harvesting potential and possibly reduce the dependency on external water sources, and promote environmental stewardship.

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Table A.1. Present Scenario of RWH Potential at Delhi Technological University

Sr. No.	Blocks	Description	Type of Surface (Present Condition)	Stage	Ground Coverage Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cum/Year)
1	AB-1	ACADEMIC BUILDING	Open Land	Future Phases	5,053.11	0.20	628.10
2	AB-3A	SEMINAR HALL	Road/Paved area	Future Phases	442.00	0.65	178.56
3	AB-6	ACADEMIC BUILDING	Green Belt	Future Phases	1,578.92	0.15	147.19
4	AB-7	ACADEMIC BUILDING	Open Land	Future Phases	1,563.88	0.20	194.39
5	AB-8	ACADEMIC BUILDING	Open Land	Future Phases	2,095.10	0.20	260.42
6	AB-9	MULTIPURPOSE HALL	Open Land	Future Phases	1,000.00	0.20	124.30
7	CB-1	ACTIVITY CENTRE	Open Land	Future Phases	1,431.16	0.20	177.89
8	CB-3	DINING HALL (BOYS)	Open Land	Future Phases	1,623.70	0.20	201.83
9	CB-5	DINING HALL (GIRLS)	Open Land	Future Phases	873.61	0.20	108.59
10	H-12ME 1	BOYS HOSTEL	Open Land	Future Phases	386.40	0.20	48.03
11	H-12ME 2	BOYS HOSTEL	Open Land	Future Phases	386.40	0.20	48.03
12	H1	BOYS HOSTEL	Open Land	Future Phases	496.42	0.20	61.71
13	H10	BOYS HOSTEL	Open Land	Future Phases	496.42	0.20	61.71
14	H11	BOYS HOSTEL	Open Land	Future Phases	520.00	0.20	64.64
15	H12	BOYS HOSTEL	Open Land	Future Phases	496.42	0.20	61.71
16	H13	BOYS HOSTEL	Open Land	Future Phases	496.42	0.20	61.71
17	H14	BOYS HOSTEL	Open Land	Future Phases	520.00	0.20	64.64
18	H15	BOYS HOSTEL	Open Land	Future Phases	496.42	0.20	61.71
19	H16	BOYS HOSTEL	Open Land	Future Phases	520.00	0.20	64.64
20	H2	BOYS HOSTEL	Open Land	Future Phases	496.42	0.20	61.71

Sr. No	Blocks	Description	Type of Surface (Present Condition)	Stage	Ground Coverage Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cum/Year)
21	113	BOYS HOSTEL.	Open Land	Future Phases	520.00	0.20	64.64
22	116	BOYS HOSTEL.	Open Land	Future Phases	496.42	0.20	61.71
23	117	BOYS HOSTEL.	Open Land	Future Phases	520.00	0.20	64.64
24	118	BOYS HOSTEL.	Open Land	Future Phases	496.42	0.20	61.71
25	119	BOYS HOSTEL.	Open Land	Future Phases	520.00	0.20	64.64
26	HG-1	GIRLS HOSTEL.	Open Land	Future Phases	496.42	0.20	61.71
27	HG-12ME	GIRLS HOSTEL.	Open Land	Future Phases	386.40	0.20	48.03
28	HG-2.	GIRLS HOSTEL.	Open Land	Future Phases	496.42	0.20	61.71
29	HG-3	GIRLS HOSTEL.	Open Land	Future Phases	520.00	0.20	64.64
30	HG-4	GIRLS HOSTEL.	Open Land	Future Phases	496.42	0.20	61.71
31	MLCP-1	Multi Level Car Parking	Open Land	Future Phases	6,588.15	0.20	818.91
32	MLCP-2	Multi Level Car Parking	Open Land	Future Phases	2,701.78	0.20	335.87
33	MLCP-3	Multi Level Car Parking	Open Land	Future Phases	2,384.37	0.20	296.38
34	MLCP-4	Multi Level Car Parking	Open Land	Future Phases	1,216.57	0.20	151.22
35	MLCP-5	Multi Level Car Parking	Open Land	Future Phases	1,031.01	0.20	128.15
36	RB-12.13.14.15.16.17. 18.19	H.O.D	Road/Paved area	Future Phases	1,432.00	0.65	578.49
37	RB-1,2	TYPE-III QUARTERS	Open Land	Future Phases	898.00	0.20	111.62
38	RB-10.11	TYPE-I QUARTERS	Open Land	Future Phases	3,163.14	0.20	393.18
39	RB-3,4	TYPE-IV QUARTERS	Open Land	Future Phases	1,652.00	0.20	205.34
40	RB-5,6,7,8	TYPE-V QUARTERS	Road/Paved area	Future Phases	3,304.00	0.65	1,334.73
41	RB-9.RB-20.RB-21	TYPE-I QUARTERS	Open Land	Future Phases	1,678.17	0.20	208.60
42	EAB-1	ADMIN.	Rooftop of building	Phase I	1,879.40	0.85	992.84

Sr. No.	Blocks	Description	Type of Surface (Present Condition)	Stage	Ground Coverage Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cmm/Year)
43	EAB-10	CANTEEN	Rooftop of building	Phase I	700.00	0.85	369.79
44	EAB-11	GATE COMPLEX	Shed	Phase I	22.80	0.85	12.04
45	EAB-2	MULTIPURPOSE	Rooftop of building	Phase I	2,500.00	0.85	1,320.69
46	EAB-3	LIBRARY	Rooftop of building	Phase I	2,000.00	0.85	1,056.55
47	EAB-4	COMP. CENTRE	Rooftop of building	Phase I	1,500.00	0.85	792.41
48	EAB-5	DEPT. OF CIVIL	Rooftop of building	Phase I	9,628.64	0.85	5,086.57
49	EAB-6	DEPT OF PROD. MECH.	Rooftop of building	Phase I	4,208.83	0.85	2,223.42
50	EAB-7	WORKSHOP	Shed	Phase I	3,416.20	0.85	1,804.69
51	EAB-8	DEPT. OF PHYS. CHEM.	Rooftop of building	Phase I	2,817.43	0.85	1,488.38
52	EAB-9	TURBINE WIND TUNNEL	Shed	Phase I	2,000.00	0.85	1,056.55
53	EHB-1,2,3,4,5	BOYS HOSTEL	Rooftop of building	Phase I	9,745.85	0.85	5,148.49
54	EHB-6	GIRLS HOSTEL	Rooftop of building	Phase I	776.83	0.85	410.38
55	EHB-7	PG HOSTEL	Rooftop of building	Phase I	2,129.17	0.85	1,124.79
56	ERB-1,2,3,4	TYPE I QUARTERS	Rooftop of building	Phase I	803.12	0.85	424.27
57	ERB-12,13,14	TYPE-III QUARTERS	Rooftop of building	Phase I	878.28	0.85	463.97
58	ERB-15,16,17,18	TYPE-IV QUARTERS	Rooftop of building	Phase I	1,565.56	0.85	827.05
59	ERB-19,20,21,22	TYPE-V QUARTERS	Rooftop of building	Phase I	2,984.68	0.85	1,576.73
60	ERB-23	GUEST HOUSE	Rooftop of building	Phase I	414.46	0.85	218.95
61	ERB-24	MARRIED SCHOLARS HOSTEL	Rooftop of building	Phase I	231.20	0.85	122.14
62	ERB-25	TRANSIT HOSTEL	Rooftop of building	Phase I	573.05	0.85	302.73
63	ERB-26	NURSERY SCHOOL	Rooftop of building	Phase I	800.00	0.85	422.62
64	ERB-27	PRINCIPAL'S BUNGLOW	Rooftop of building	Phase I	200.00	0.85	105.66
65	ERB-28,29,30,31	PUMP HOUSE	Rooftop of building	Phase I	420.00	0.85	221.88

Sr. No	Blocks	Description	Type of Surface (Present Condition)	Stage	Ground Coverage Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cum/Year)
66	ERB-32	12-BED HOSPITAL	Rooftop of building	Phase I	782.40	0.85	413.32
67	ERB-33	CHLORINATION ROOM	Rooftop of building	Phase I	40.39	0.85	21.34
68	ERB-34	DESU METERING PANEL	Rooftop of building	Phase I	180.00	0.85	95.09
69	ERB-35,36,37,38	TRANSFORMER ROOMS	Rooftop of building	Phase I	1,080.00	0.85	570.54
70	ERB-5,6,7,8,9,10,11	TYPE-II QUARTERS	Rooftop of building	Phase I	1,679.37	0.85	887.17
71	P1	Parking	Road/Paved area	Phase I	1,844.74	0.65	745.23
72	P10	Parking	Road/Paved area	Phase I	1,869.28	0.65	755.14
73	P11	Parking	Road/Paved area	Phase I	1,665.75	0.65	672.92
74	P12	Parking	Road/Paved area	Phase I	667.91	0.65	269.82
75	P13	Parking	Road/Paved area	Phase I	1,788.37	0.65	722.46
76	P14	Parking	Road/Paved area	Phase I	2,259.93	0.65	912.96
77	P15	Parking	Road/Paved area	Phase I	1,101.17	0.65	444.85
78	P16	Parking	Road/Paved area	Phase I	1,869.07	0.65	755.06
79	P17	Parking	Road/Paved area	Phase I	1,463.75	0.65	591.32
80	P18	Parking	Road/Paved area	Phase I	1,416.71	0.65	572.32
81	P18A	Parking	Road/Paved area	Phase I	4,081.53	0.65	1,648.84
82	P19	Parking	Road/Paved area	Phase I	3,629.13	0.65	1,466.08
83	P2	Parking	Road/Paved area	Phase I	2,167.78	0.65	875.73
84	P20	Parking	Shed	Phase I	2,790.02	0.85	1,473.90
85	P21	Parking	Shed	Phase I	1,367.14	0.85	722.23
86	P22	Parking	Open Land	Phase I	1,339.90	0.20	166.35
87	P23	Parking	Open Land	Phase I	843.36	0.20	104.83
88	P24	Parking	Road/Paved area	Phase I	5,952.61	0.65	2,404.71

Sr. No	Blocks	Description	Type of Surface (Present Condition)	Stage	Ground Coverage Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cum/ Year)
89	P25	Parking	Road/Paved area	Phase I	4,257.73	0.65	1,720.02
90	P26	Parking	Shed	Phase I	2,990.32	0.85	1,579.71
91	P26A	Parking	Shed	Phase I	11,765.50	0.85	6,215.42
92	P27	Parking	Open Land	Phase I	2,212.90	0.20	275.06
93	P28	Parking	Open Land	Phase I	441.08	0.20	54.83
94	P29	Parking	Shed	Phase I	12,549.80	0.85	6,629.75
95	P3	Parking	Open Land	Phase I	181.61	0.20	22.57
96	P30	Parking	Road/Paved area	Phase I	1,693.17	0.65	684.00
97	P31	Parking	Road/Paved area	Phase I	1,924.48	0.65	777.44
98	P32	Parking	Road/Paved area	Phase I	792.45	0.65	320.13
99	P33	Parking	Open Land	Phase I	1,606.00	0.20	199.63
100	P34	Parking	Open Land	Phase I	5,127.96	0.20	637.41
101	P35	Parking	Green Belt	Phase I	2,133.37	0.15	198.88
102	P36	Parking	Open Land	Phase I	439.52	0.20	54.63
103	P37	Parking	Road/Paved area	Phase I	3,096.83	0.65	1,251.04
104	P38	Parking	Road/Paved area	Phase I	12,120.04	0.65	4,896.19
105	P39	Parking	Road/Paved area	Phase I	5,314.06	0.65	2,146.75
106	P4	Parking	Open Land	Phase I	1,899.54	0.20	236.11
107	P40	Parking	Open Land	Phase I	1,123.56	0.20	139.66
108	P41	Parking	Open Land	Phase I	1,175.72	0.20	146.14
109	P42	Parking	Road/Paved area	Phase I	669.69	0.65	270.54
110	P43	Parking	Green Belt	Phase I	1,587.52	0.15	148.00
111	P44	Parking	Green Belt	Phase I	2,731.63	0.15	254.66

Sr. No.	Blocks	Description	Type of Surface (Present Condition)	Stage	Ground Covering Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cum/Year)
112	P45	Parking	Road/Paved area	Phase I	2,038.24	0.65	823.40
113	P46	Parking	Open Land	Phase I	419.85	0.20	52.19
114	P5	Parking	Road/Paved area	Phase I	561.60	0.65	226.87
115	P6	Parking	Open Land	Phase I	7,279.95	0.20	904.90
116	P7	Parking	Road/Paved area	Phase I	915.42	0.65	369.81
117	P8	Parking	Green Belt	Phase I	9,444.59	0.15	880.47
118	P9	Parking	Open Land	Phase I	3,974.27	0.20	494.00
119	R	Roads	Road/Paved area	Phase I	4,572.92	0.65	1,847.35
120	AB-2	ACADEMIC BUILDING	Shed	Phase IIA	2,411.95	0.85	1,274.17
121	AB-3	ACADEMIC BUILDING	Rooftop of building	Phase IIA	3,067.20	0.85	1,620.33
122	AB-4	ACADEMIC BUILDING	Rooftop of building	Phase IIA	2,650.00	0.85	1,399.93
123	AB-5	ACADEMIC BUILDING	Shed	Phase IIA	4,840.87	0.85	2,557.31
124	CB-6	SWIMMING POOL	Shed	Phase IIA	792.82	0.85	418.85
125	CB-7	INDOOR SPORTS FACILITY	Rooftop of building	Phase IIA	1,836.05	0.85	969.94
126	H5	BOYS HOSTEL	Rooftop of building	Phase IIA	520.00	0.85	274.70
127	HB-6	GIRLS HOSTEL	Rooftop of building	Phase IIA	520.00	0.85	274.70
128	HG-5	GIRLS HOSTEL	Rooftop of building	Phase IIA	496.42	0.85	262.25
129	AB-4A	ACADEMIC BUILDING RECEPTION	Road/Paved area	Phase IIB	800.00	0.65	323.18
130	CB-2	DINING HALL (BOYS)	Open Land	Phase IIB	1,623.70	0.20	201.83
131	CB-4	DINING HALL (GIRLS)	Open Land	Phase IIB	769.09	0.20	95.60
132	H4	BOYS HOSTEL	Open Land	Phase IIB	496.42	0.20	61.71
133	Rest of the area		Open Land	Phase I	392,232.21	0.58	141,424.78
				Totals	666,144.35	461006.78	238,341.75

Table A.2. RWH Potential at Delhi Technological University as per Master Plan

Sr. No.	Blocks	Description	Type of Surface	Stage	Ground Coverage Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cum/Year)
1	AB-1	ACADEMIC BUILDING	Rooftop of building	Future Phases	5,053.11	0.85	2,669.43
2	AB-3A	SEMINAR HALL	Rooftop of building	Future Phases	442.00	0.85	233.50
3	AB-6	ACADEMIC BUILDING	Rooftop of building	Future Phases	1,578.92	0.85	834.10
4	AB-7	ACADEMIC BUILDING	Rooftop of building	Future Phases	1,563.88	0.85	826.16
5	AB-8	ACADEMIC BUILDING	Rooftop of building	Future Phases	2,095.10	0.85	1,106.79
6	AB-9	MULTIPURPOSE HALL	Rooftop of building	Future Phases	1,000.00	0.85	528.28
7	CB-1	ACTIVITY CENTRE	Rooftop of building	Future Phases	1,431.16	0.85	756.05
8	CB-3	DINING HALL (BOYS)	Rooftop of building	Future Phases	1,623.70	0.85	857.76
9	CB-5	DINING HALL (GIRLS)	Rooftop of building	Future Phases	873.61	0.85	461.51
10	H-12ME 1	BOYS HOSTEL	Rooftop of building	Future Phases	386.40	0.85	204.13
11	H-12ME 2	BOYS HOSTEL	Rooftop of building	Future Phases	386.40	0.85	204.13
12	H1	BOYS HOSTEL	Rooftop of building	Future Phases	496.42	0.85	262.25
13	H10	BOYS HOSTEL	Rooftop of building	Future Phases	496.42	0.85	262.25
14	H11	BOYS HOSTEL	Rooftop of building	Future Phases	520.00	0.85	274.70
15	H12	BOYS HOSTEL	Rooftop of building	Future Phases	496.42	0.85	262.25
16	H13	BOYS HOSTEL	Rooftop of building	Future Phases	496.42	0.85	262.25
17	H14	BOYS HOSTEL	Rooftop of building	Future Phases	520.00	0.85	274.70
18	H15	BOYS HOSTEL	Rooftop of building	Future Phases	496.42	0.85	262.25
19	H16	BOYS HOSTEL	Rooftop of building	Future Phases	520.00	0.85	274.70
20	H2	BOYS HOSTEL	Rooftop of building	Future Phases	496.42	0.85	262.25

Sr. No.	Blocks	Description	Type of Surface	Stage	Ground Coverage Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cum/Year)
21	H3	BOYS HOSTEL.	Rooftop of building	Future Phases	520.00	0.85	274.70
22	H6	BOYS HOSTEL.	Rooftop of building	Future Phases	496.42	0.85	262.25
23	H7	BOYS HOSTEL.	Rooftop of building	Future Phases	520.00	0.85	274.70
24	H8	BOYS HOSTEL.	Rooftop of building	Future Phases	496.42	0.85	262.25
25	H9	BOYS HOSTEL.	Rooftop of building	Future Phases	520.00	0.85	274.70
26	HG-1	GIRLS HOSTEL.	Rooftop of building	Future Phases	496.42	0.85	262.25
27	HG-12MS	GIRLS HOSTEL.	Rooftop of building	Future Phases	386.40	0.85	204.13
28	HG-2	GIRLS HOSTEL.	Rooftop of building	Future Phases	496.42	0.85	262.25
29	HG-3	GIRLS HOSTEL.	Rooftop of building	Future Phases	520.00	0.85	274.70
30	HG-4	GIRLS HOSTEL.	Rooftop of building	Future Phases	496.42	0.85	262.25
31	MLCP-1	Multi Level Car Parking	Rooftop of building	Future Phases	6,588.15	0.85	3,480.35
32	MLCP-2	Multi Level Car Parking	Rooftop of building	Future Phases	2,701.78	0.85	1,427.28
33	MLCP-3	Multi Level Car Parking	Rooftop of building	Future Phases	2,384.37	0.85	1,259.60
34	MLCP-4	Multi Level Car Parking	Rooftop of building	Future Phases	1,216.57	0.85	642.68
35	MLCP-5	Multi Level Car Parking	Rooftop of building	Future Phases	1,031.01	0.85	544.66
36	R8-12.13.14.15.16.17.18.19	H.O.D	Rooftop of building	Future Phases	1,432.00	0.85	756.49
37	RB-1,2	TYPE-III QUARTERS	Rooftop of building	Future Phases	898.00	0.85	474.39
38	RB-10.11	TYPE-I QUARTERS	Rooftop of building	Future Phases	3,163.14	0.85	1,671.01
39	RB-3.4	TYPE-IV QUARTERS	Rooftop of building	Future Phases	1,652.00	0.85	872.71
40	RB-5,6,7,8	TYPE-V QUARTERS	Rooftop of building	Future Phases	3,304.00	0.85	1,745.42
41	RB-9.RB-20.RB-21	TYPE-I QUARTERS	Rooftop of building	Future Phases	1,678.17	0.85	886.54
42	EAB-1	ADMIN.	Rooftop of building	Phase I	1,879.40	0.85	992.84

Sr. No.	Blocks	Description	Type of Surface	Stage	Ground Coverage Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cum/Year)
43	EAB-10	CANTEEN	Rooftop of building	Phase I	700.00	0.85	369.79
44	EAB-11	GATE COMPLEX	Shed	Phase I	22.80	0.85	12.04
45	EAB-2	MULTIPURPOSE	Rooftop of building	Phase I	2,500.00	0.85	1,320.69
46	EAB-3	LIBRARY	Rooftop of building	Phase I	2,000.00	0.85	1,056.55
47	EAB-4	COMP. CENTRE	Rooftop of building	Phase I	1,500.00	0.85	792.41
48	EAB-5	DEPT. OF CIVIL	Rooftop of building.	Phase I	9,628.64	0.85	5,086.37
49	EAB-6	DEPT OF PROD. MECH	Rooftop of building	Phase I	4,208.83	0.85	2,223.42
50	EAB-7	WORKSHOP	Shed	Phase I	3,416.20	0.85	1,804.69
51	EAB-8	DEPT. OF PHYS. CHEM.	Rooftop of building	Phase I	2,817.43	0.85	1,488.38
52	EAB-9	TURBINE WIND TUNNEL	Shed	Phase I	2,000.00	0.85	1,056.55
53	EHB-1,2,3,4,5	BOYS HOSTEL	Rooftop of building	Phase I	9,745.85	0.85	5,148.49
54	EHB-6	GIRLS HOSTEL	Rooftop of building	Phase I	776.83	0.85	410.38
55	EHB-7	PG HOSTEL	Rooftop of building	Phase I	2,129.17	0.85	1,124.79
56	ERB-1,2,3,4	TYPE-I QUARTERS	Rooftop of building	Phase I	803.12	0.85	424.27
57	ERB-12,13,14	TYPE-III QUARTERS	Rooftop of building	Phase I	878.28	0.85	463.97
58	ERB-15,16,17,18	TYPE-IV QUARTERS	Rooftop of building	Phase I	1,565.56	0.85	827.05
59	ERB-19,20,21,22	TYPE-V QUARTERS	Rooftop of building	Phase I	2,984.68	0.85	1,576.73
60	ERB-23	GUEST HOUSE	Rooftop of building	Phase I	414.46	0.85	218.95
61	ERB-24	MARRIED SCHOLARS HOSTEL	Rooftop of building	Phase I	231.20	0.85	122.14
62	ERB-25	TRANSIT HOSTEL	Rooftop of building	Phase I	573.05	0.85	302.73
63	ERB-26	NURSERY SCHOOL	Rooftop of building	Phase I	800.00	0.85	422.62
64	ERB-27	PRINCIPAL'S BUNGLOW	Rooftop of building	Phase I	200.00	0.85	105.66

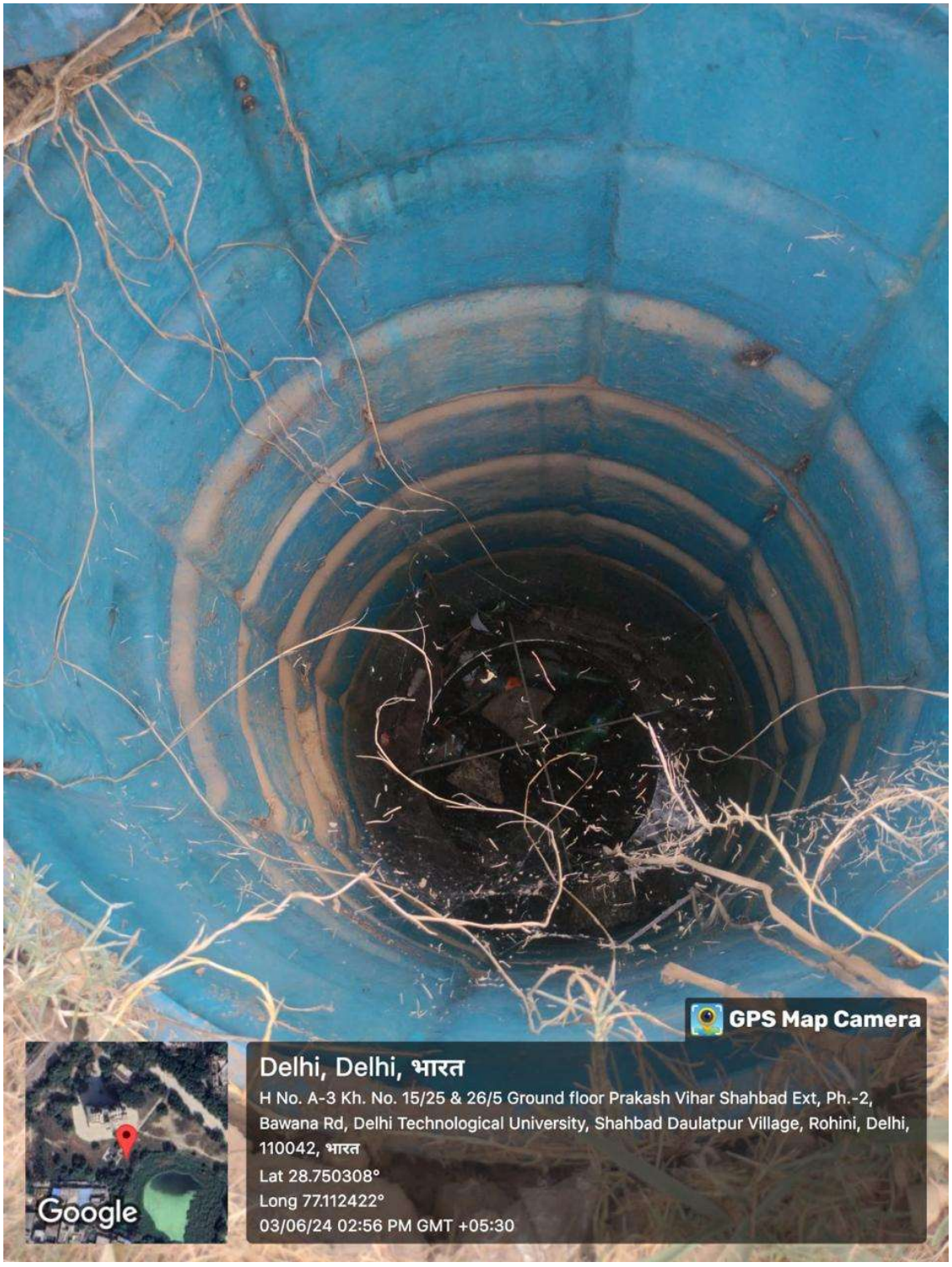
Sr. No	Blocks	Description	Type of Surface	Stage	Ground Coverage Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cum/Year)
65	ERB-28,29,30,31	PUMP HOUSE	Rooftop of building	Phase I	420.00	0.85	221.88
66	ERB-32	12-BED HOSPITAL	Rooftop of building	Phase I	782.40	0.85	413.32
67	ERB-33	CHLORINATION ROOM	Rooftop of building	Phase I	40.39	0.85	21.34
68	ERB-34	DESU METERING PANEL	Rooftop of building	Phase I	180.00	0.85	95.09
69	ERB-35,36,37,38	TRANSFORMER ROOMS	Rooftop of building	Phase I	1,080.00	0.85	570.54
70	ERB-5,6,7,8,9,10,11	TYPE-II QUARTERS	Rooftop of building	Phase I	1,679.37	0.85	887.17
71	P1	Parking	Road/Paved area	Phase I	1,844.74	0.65	745.23
72	P10	Parking	Road/Paved area	Phase I	1,869.28	0.65	755.14
73	P11	Parking	Road/Paved area	Phase I	1,665.75	0.65	672.92
74	P12	Parking	Road/Paved area	Phase I	667.91	0.65	269.82
75	P13	Parking	Road/Paved area	Phase I	1,788.37	0.65	722.46
76	P14	Parking	Road/Paved area	Phase I	2,259.93	0.65	912.96
77	P15	Parking	Road/Paved area	Phase I	1,101.17	0.65	444.85
78	P16	Parking	Road/Paved area	Phase I	1,869.07	0.65	755.06
79	P17	Parking	Road/Paved area	Phase I	1,463.75	0.65	591.32
80	P18	Parking	Road/Paved area	Phase I	1,416.71	0.65	572.32
81	P18A	Parking	Road/Paved area	Phase I	4,081.53	0.65	1,648.84
82	P19	Parking	Road/Paved area	Phase I	3,629.13	0.65	1,466.08
83	P2	Parking	Road/Paved area	Phase I	2,167.78	0.65	875.73
84	P20	Parking	Road/Paved area	Phase I	2,790.02	0.65	1,127.10
85	P21	Parking	Road/Paved area	Phase I	1,367.14	0.65	552.29
86	P22	Parking	Road/Paved area	Phase I	1,339.90	0.65	541.29

Sr. No	Blocks	Description	Type of Surface	Stage	Ground Coverage Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cum/Year)
87	P23	Parking	Road/Paved area	Phase I	843.36	0.65	340.70
88	P24	Parking	Road/Paved area	Phase I	5,952.61	0.65	2,404.71
89	P25	Parking	Road/Paved area	Phase I	4,257.73	0.65	1,720.02
90	P26	Parking	Road/Paved area	Phase I	11,765.50	0.65	4,752.97
91	P27	Parking	Road/Paved area	Phase I	2,212.90	0.65	893.96
92	P28	Parking	Road/Paved area	Phase I	441.08	0.65	178.19
93	P29	Parking	Road/Paved area	Phase I	12,549.80	0.65	5,069.81
94	P3	Parking	Road/Paved area	Phase I	181.61	0.65	73.37
95	P30	Parking	Road/Paved area	Phase I	1,693.17	0.65	684.00
96	P31	Parking	Road/Paved area	Phase I	1,924.48	0.65	777.44
97	P32	Parking	Road/Paved area	Phase I	792.45	0.65	320.13
98	P33	Parking	Road/Paved area	Phase I	1,606.00	0.65	648.78
99	P34	Parking	Road/Paved area	Phase I	5,127.96	0.65	2,071.57
100	P35	Parking	Road/Paved area	Phase I	2,133.37	0.65	861.85
101	P36	Parking	Road/Paved area	Phase I	439.52	0.65	177.56
102	P37	Parking	Road/Paved area	Phase I	3,096.83	0.65	1,251.04
103	P38	Parking	Road/Paved area	Phase I	12,120.04	0.65	4,896.19
104	P39	Parking	Road/Paved area	Phase I	5,314.06	0.65	2,146.75
105	P4	Parking	Road/Paved area	Phase I	1,899.54	0.65	767.37
106	P40	Parking	Road/Paved area	Phase I	1,123.56	0.65	453.89
107	P41	Parking	Road/Paved area	Phase I	1,175.72	0.65	474.96
108	P42	Parking	Road/Paved area	Phase I	669.69	0.65	270.54

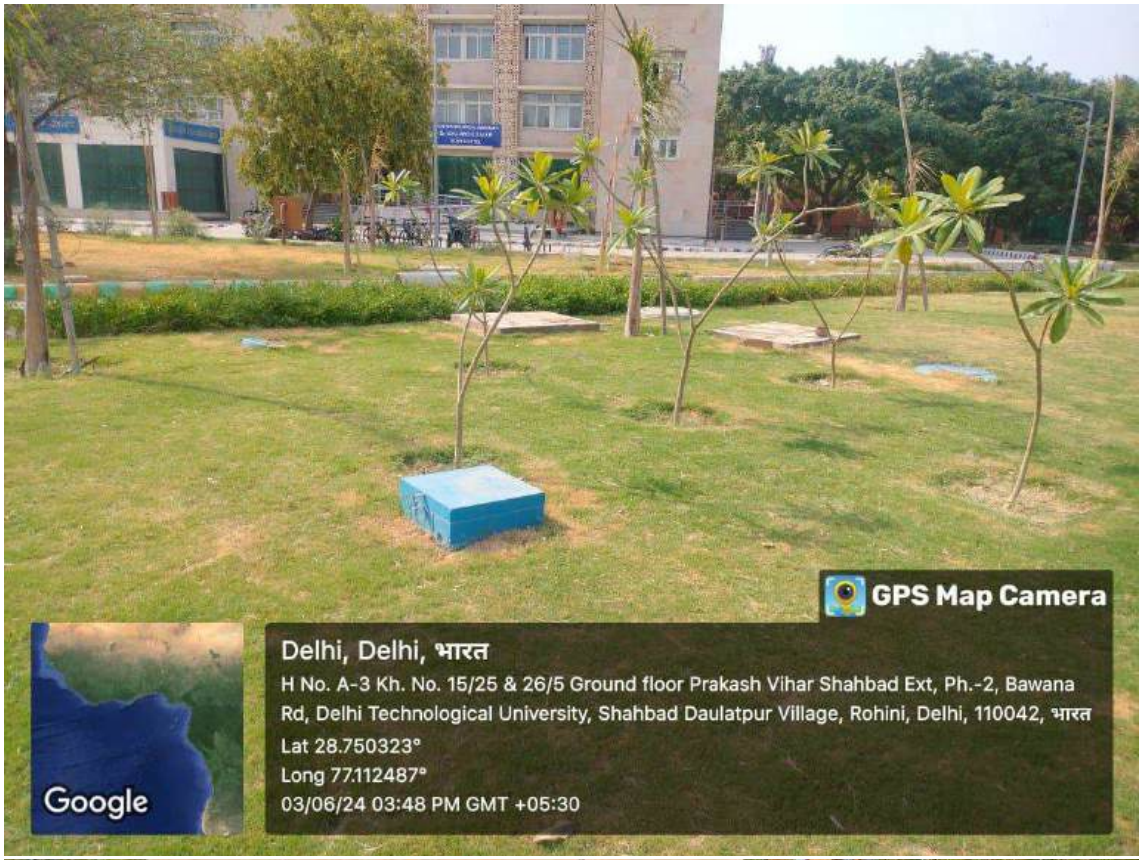
Sr. No.	Blocks	Description	Type of Surface	Stage	Catchment Catchment Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cum/Year)
109	P43	Parking	Road/Paved area	Phase I	1,587.52	0.65	641.32
110	P44	Parking	Road/Paved area	Phase I	2,731.63	0.65	1,103.51
111	P45	Parking	Road/Paved area	Phase I	2,038.24	0.65	823.40
112	P46	Parking	Road/Paved area	Phase I	419.85	0.65	169.61
113	P5	Parking	Road/Paved area	Phase I	561.60	0.65	226.87
114	P6	Parking	Road/Paved area	Phase I	7,279.95	0.65	2,940.92
115	P7	Parking	Road/Paved area	Phase I	915.42	0.65	369.81
116	P8	Parking	Road/Paved area	Phase I	9,444.59	0.65	3,815.38
117	P9	Parking	Road/Paved area	Phase I	3,974.27	0.65	1,605.51
118	AB-2	ACADEMIC BUILDING	Rooftop of building	Phase IIA	2,411.95	0.85	1,274.17
119	AB-3	ACADEMIC BUILDING	Rooftop of building	Phase IIA	3,067.20	0.85	1,620.33
120	AB-4	ACADEMIC BUILDING	Rooftop of building	Phase IIA	2,650.00	0.85	1,399.93
121	AB-5	ACADEMIC BUILDING	Rooftop of building	Phase IIA	4,840.87	0.85	2,557.31
122	CB-6	SWIMMING POOL	Rooftop of building	Phase IIA	792.82	0.85	418.83
123	CB-7	INDOOR SPORTS FACILITY	Rooftop of building	Phase IIA	1,836.05	0.85	969.94
124	H5	BOYS HOSTEL	Rooftop of building	Phase IIA	520.00	0.85	274.70
125	HB-6	GIRLS HOSTEL	Rooftop of building	Phase IIA	520.00	0.85	274.70
126	HG-5	GIRLS HOSTEL	Rooftop of building	Phase IIA	496.42	0.85	262.25
127	AB-4A	ACADEMIC BUILDING RECEPTION	Rooftop of building	Phase IIB	800.00	0.85	422.62
128	CB-2	DINING HALL (BOYS)	Rooftop of building	Phase IIB	1,623.70	0.85	857.76
129	CB-4	DINING HALL (GIRLS)	Rooftop of building	Phase IIB	769.09	0.85	406.29

Sr. No	Blocks	Description	Type of Surface	Stage	Ground Coverage Area (sqm)	Runoff Coefficient	Quantum of Runoff available (Cum/Year)
130	I14	BOYS HOSTEL	Rooftop of building	Phase IIB	496.42	0.85	262.25
131	R	Roads	Road/Paved area	Phase I	4,572.92	0.65	1,847.35
132	Rest of the area		Open Land	Phase I	392,232.21	0.58	141,424.78
				Totals	663,154.03	461006.78	266,874.38

Rain Water Harvesting Pits


GPS Map Camera
Google
Delhi, Delhi, भारत
H No. A-3 Kh. No. 15/25 & 26/5 Ground floor Prakash Vihar Shahbad Ext, Ph.-2, Bawana Rd, Delhi Technological University, Shahbad Daulatpur Village, Rohini, Delhi, 110042, भारत
Lat 28.750308°
Long 77.112422°
03/06/24 02:56 PM GMT +05:30


GPS Map Camera
Delhi, Delhi, भारत
H_no 358, Shahabad Daulatpur, Delhi Technological University, Shahbad Daulatpur Village, Alipur, Delhi, 110042, भारत
Lat 28.75015°
Long 77.113562°
03/06/24 02:55 PM GMT +05:30
Google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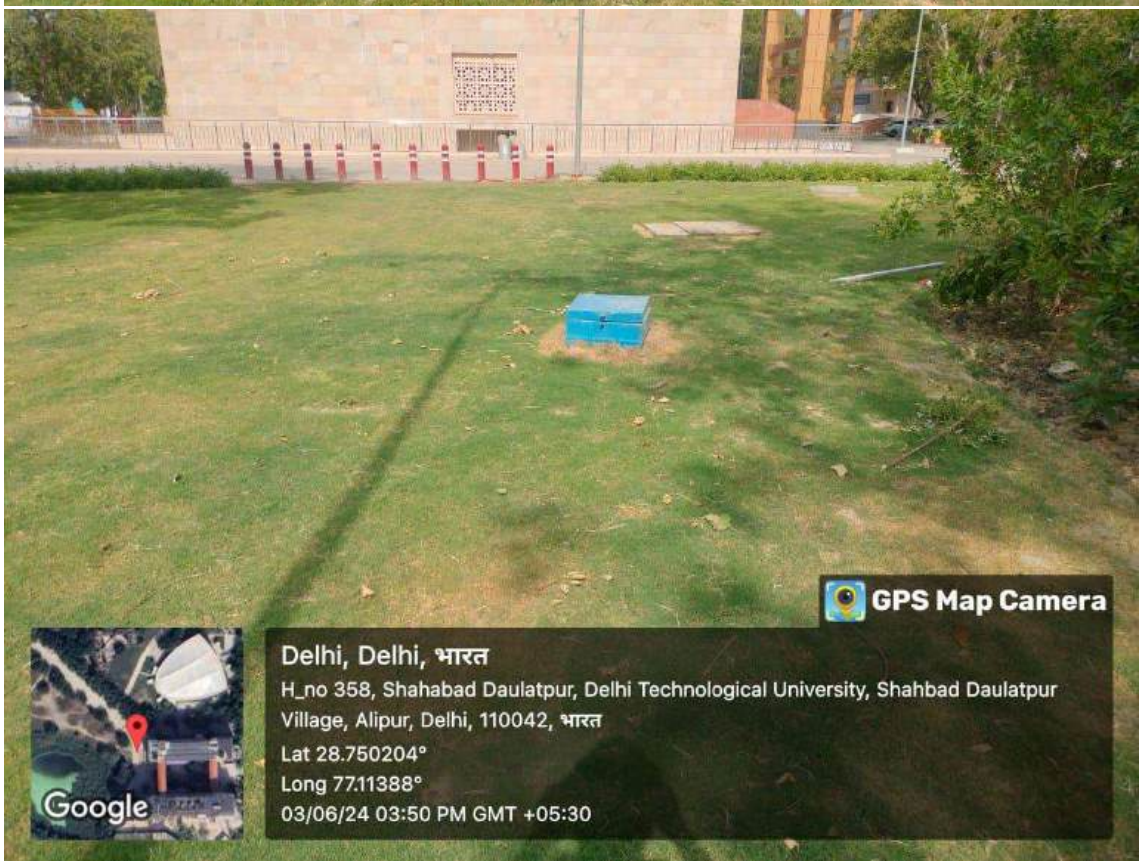
Google
Delhi, Delhi, भारत
H No. A-3 Kh. No. 15/25 & 26/5 Ground floor Prakash Vihar Shahbad Ext, Ph.-2, Bawana Rd, Delhi Technological University, Shahbad Daulatpur Village, Rohini, Delhi, 110042, भारत
Lat 28.750323°
Long 77.112487°
03/06/24 03:48 PM GMT +05:30


GPS Map Camera
Google
Delhi, Delhi, भारत
H_no 358, Shahabad Daulatpur, Delhi Technological University, Shahbad Daulatpur Village, Alipur, Delhi, 110042, भारत
Lat 28.750204°
Long 77.11388°
03/06/24 03:50 PM GMT +05:30


GPS Map Camera
Google
Delhi, Delhi, भारत
H_no 358, Shahabad Daulatpur, Delhi Technological University, Shahbad Daulatpur Village, Alipur, Delhi, 110042, भारत
Lat 28.750204°
Long 77.11388°
03/06/24 03:51 PM GMT +05:30


GPS Map Camera
Google
दिल्ली, दिल्ली, भारत
52/23, दिल्ली तेक्नोलोगिकल युनिवर्सिटी, शाहबाद दौलतपुर गाँव, बुरारी, दिल्ली, 110084, भारत
Lat 28.749357°
Long 77.113576°
03/06/24 03:53 PM GMT +05:30


GPS Map Camera
दिल्ली, दिल्ली, भारत
52/23, दिल्ली तेच्नोलोगिकल युनिवर्सिटी, शाहबाद दौलतपुर गाँव, बुरारी, दिल्ली, 110084, भारत
Lat 28.749679°
Long 77.113783°
03/06/24 03:52 PM GMT +05:30
Google


GPS Map Camera
दिल्ली, दिल्ली, भारत
52/23, दिल्ली तेच्नोलोगिकल युनिवर्सिटी, शाहबाद दौलतपुर गाँव, बुरारी, दिल्ली, 110084, भारत
Lat 28.74968°
Long 77.11376°
03/06/24 02:51 PM GMT +05:30
Google

Details of Roof Top Rain Water Harvesting Structures at various installations in Delhi Technological University

Sr. No.	Location of RWH Structure	Latitude	Longitude	Total Plot Area (in)	Roof Top Area (in)	Size of Pit(s) LxBxH	Total (Cum.)	Functional		Quantum of Run off available (Cum/Year)
								Yes	No	
1	Academic Block 3	28.750204	77.11388			5.5x2.0x2.0 mtr.	22.00	Yes		
2	Academic Block 3	28.750204	77.11388	1809.00	1809.00	8.0x2.0x2.0 mtr.	32.00	Yes		1620.33
3	Academic Block 4	28.749679	77.113783			5.5x2.0x2.0 mtr.	22.00	Yes		
4	Academic Block 4	28.749357	77.113576	2285.00	2285.00	8.0x2.0x2.0 mtr.	32.00	Yes		1399.93
5	APJ Hostel	28.750323	77.112487			5.5x2.0x2.0 mtr.	22.00	Yes		
6	APJ Hostel	28.750323	77.112487	491.00	491.00	8.0x2.0x2.0 mtr.	32.00	Yes		274.7
						Total	**162.00**	**6**		**3294.96**

Maintenance of Water Body – DTU Lake

Waste to Energy Plant


GPS Map Camera
Delhi, Delhi, India
H No. A-3 Kh. No. 15/25 & 26/5 Ground floor Prakash Vihar Shahbad Ext, Ph.-2, Bawana Rd, Delhi Technological University, Shahbad Daulatpur Village, Rohini, Delhi, 110042, India
Lat 28.750263°
Long 77.112296°
12/07/24 12:03 PM GMT +05:30
Google


DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
WASTE TO ENERGY PLANT
Inaugurated by
SHRI DEVINDER SINGH, IAS
Commissioner - Cum- Secretary
Department of Training & Technical Education
(Govt. of NCT of Delhi)
on
Friday, 30th November 2018
Guest of Honour
Prof. Yogesh Singh
Vice Chancellor, D.T.U.
GPS Map Camera
Delhi, Delhi, India
H No. A-3 Kh. No. 15/25 & 26/5 Ground floor Prakash Vihar Shahbad Ext, Ph.-2, Bawana Rd, Delhi Technological University, Shahbad Daulatpur Village, Rohini, Delhi, 110042, India
Lat 28.750343°
Long 77.112354°
12/07/24 12:02 PM GMT +05:30
Google

23(3)

मुख्य अभियंता(अन्य परियोजनाएं)
लो0नि0वि0, (रा0रा0क्षे0दि0स0),
13वां तल, एम0एस0ओ0 भवन,
आई0पी0 एस्टेट, नई दिल्ली–02
फोन:23490426, 23490427, 23490428
ई–मेल: cepwddelhiop@gmail.com

Mr. Akshay (CDC)
1618

संः 23(53) / मु0अभि0(ओ0पी0) / लो0नि0वि0 / 2023–24 / 891-E
901-E

दिनांकः 5-7-2023

कार्यपालक अभियन्ता शिक्षा-IV
प्राप्ति सं. 967-E
दिनांक 06/07/2023
लो.नि.वि. विकास भवन-2, सिविल लाईन्स, दिल्ली

सेवा में,

The Joint Director (Tech./Plg.)
Development of Training and Technical Education,
GNCTD, Muni Maya Ram Marg,
Pitampura, Delhi-110034

विषयः Comprehensive Consultancy for Planning and Development of Student Activity Centre and beautification of existing pond at Delhi Technological University at Bawana Road, Delhi.

महोदय,

Please find enclosed a Preliminary Estimate of the above mentioned work for the probable cost of **Rs. 48,26,046/-** i/c 1% contingencies and 18% GST has been framed for accord of Administrative Approval and Expenditure Sanction of the Competent Authority.

Accordingly, this Preliminary Estimate is submitted for accord of A/A & E/S from the Competent Authority.

This issues with the approval of Chief Engineer (OP).

संलग्नः प्रारंभिक प्राक्कलन

भवदीय,

कार्यपालक अभियंता (मु0)

प्रतिलिपिः–

1- परियोजना प्रबन्धक (उ0शि0परि0), लो0नि0वि0, दिल्ली सरकार, भाई निहाल सिंह मार्ग, लाजपत नगर–4, नई दिल्ली–110024 को उनके पत्र सं0 23(63) / DTU / परि0प्रबं0(उ0शि0परि0) / लो0नि0वि0 / 2023 / 508 दिनांक 23.06.2023 के संदर्भ में सूचनार्थ हेतु प्रेषित।

2- कार्यपालक अभियंता (सि0), शिक्षा परियोजना मंडल–4, लो0नि0वि0, (दि0स0), ए ब्लॉक, प्रथमतल, विकास भवन–4, सिविल लाईन, दिल्ली–110054 को सूचनार्थ हेतु प्रेषित।

कार्यपालक अभियंता (मु0)
05/07/23

UDC
06/7

PLDC

Email/Speed Post/By Hand

दिल्ली सरकार PWD	लोक निर्माण विभाग, कार्यालय कार्यपालक अभियंता शिक्षा परियोजना मंडल–4 लो.नि.वि. दिल्ली सरकार, ए ब्लाक, प्रथम तल, विकास भवन–2, सिविल लाइन्स दिल्ली–110054	**Public Works Department** O/o Executive Engineer, Education Project Division-4 P.W.D. Government of NCT of Delhi, A Block, 1st Floor, Vikas Bhawan-II, Civil Lines, Delhi-110054	स्वच्छ भारत एक कदम स्वच्छता की ओर
011-23813801	E-Mail : eepwddelhiedu4@gmail.com		

सं. 23(3) / का.अभि. / शिक्षा परि.मं.–4 / लो.नि.वि. / 2023–24 / 455 दिनांक: 07/08/2023

सेवा में,

प्रो. अमित श्रीवास्तव,
मुख्य परियोजना अधिकारी,
दिल्ली टेक्नोलॉजिकल यूनिवर्सिटी,
शाहबाद दौलतपुर, बवानारोड,
दिल्ली–110042

Mr. Akshay (CDC)
1618

विषयः–Development of existing pond including construction of student activity centre at Delhi Technological University, Bawana Road, Delhi.

संदर्भः–आपके कार्यालय का पत्र सं.DTU/Engg.Cell/003544/2022-23/Civil/1260-66 दिनांक 27.07.2023

महोदय,

Reference to the above subject, this is to inform that Preliminary Estimate of providing consultancy services for the above mentioned work amounting to Rs. 48,26,046/- has been forwarded to Joint Director (Tech/Planning), DTTE by Chief Engineer (Other Projects) vide their letter No. 23(53) / मु.अभि.(ओ.पी.) / लो.नि.वि. / 2023–24 / 901–हि dated 05.07.2023 (Copy attached). The A/A & E/S of same is awaited.

This is for your information and necessary action please.

संलग्नः–As above

07/8/23

कार्यपालक अभियंता
शिक्षा परि.मंडल–4, लो.नि.वि

प्रतिलिपिः–

1. मुख्य अभियंता (अन्य परियोजनायें), लो.नि.वि., दिल्ली सरकार, 13वॉ तल, एम.एस. ओ. भवन, आई. पी.एस्टेट, नई दिल्ली–110002 को सूचनार्थ।
2. परियोजना प्रबन्धक (उच्च शिक्षा परियोजनायें), लोक निर्माण विभाग, लाजपत नगर–4, नियर केन्द्रीय विद्यालय, एन्ड्रयूज गंज,नई दिल्ली–110024 को सूचनार्थ।
3. सहायक अभियंता–1, शिक्षा परियोजना मंडल–4, लो.नि.वि, दिल्ली को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।
4. गार्ड फाईल।

1197/Co
9/8/2023
16/8/2023

कार्यपालक अभियंता

Absolute Water Private Limited

M-58, Market
Greater Kailash-II
New Delhi-110048
Delhi
MSME NO.UDYAM -DL-08-0002045
CIN: U29190DL2016PTC289934

Delhi Technological University

Ledger Account

Delhi Technological University
Shahbad Daulatpur
Main Bawana Road
Delhi-110042

1-Apr-23 to 31-Mar-24

Date		Particulars	Vch Type	Vch No.	Debit	Credit
1-Apr-23	Dr	**Opening Balance**				**1,63,385.34**
3-May-23	Cr	**Sale of Services**	**Sales**	SI/23-24/03	2,28,000.00	
8-May-23	Dr	**Bank of Baroda** *Beign amt of NEFT recd*	**Receipt**	9		3,33,216.00
	Dr	**CGST CASH LEDGER** *Beign amt of GST TDS on rs.347100/-*	**Journal**	152		6,942.00
	Dr	**TDS (R)** *Beign amt of TDS deducted*	**Journal**	155		6,942.00
3-Jun-23	Cr	**Sale of Services**	**Sales**	SI/23-24/07	2,28,000.00	
21-Jun-23	Dr	**Bank of Baroda** *Beign amt of NEFT recd*	**Receipt**	18		3,33,216.00
	Dr	**CGST CASH LEDGER** *Being amt of GST TDS on Rs.347100/-*	**Journal**	153		6,942.00
	Dr	**TDS (R)** *Beign amt of TDS deducted*	**Journal**	154		6,942.00
1-Jul-23	Cr	**Sale of Services**	**Sales**	SI/23-24/10	2,37,800.00	
18-Jul-23	Cr	**Sale of Services**	**Sales**	SI/23-24/14	59,000.00	
31-Jul-23	Cr	**Sale of Services**	**Sales**	SI/23-24/15	2,42,000.00	
2-Aug-23	Dr	**Bank of Baroda** *Being amt of NEFT recd*	**Receipt**	30		3,42,388.00
	Dr	**CGST CASH LEDGER** *Beign amt of TDS deducted*	**Journal**	156		7,134.00
	Dr	**TDS (R)** *Beign amt of TDS deducted*	**Journal**	157		7,133.00
31-Aug-23	Cr	**Sale of Services**	**Sales**	SI/23-24/19	2,42,000.00	
4-Oct-23	Cr	**Sale of Services**	**Sales**	SI/23-24/24	2,42,000.00	
3-Nov-23	Cr	**Sale of Services**	**Sales**	SI/23-24/30	2,42,000.00	
21-Nov-23	Cr	**Sale of Services**	**Sales**	SI/23-24/34	59,000.00	
2-Dec-23	Cr	**Sale of Services**	**Sales**	SI/23-24/36	2,42,000.00	
28-Dec-23	Dr	**Bank of Baroda** *Being amt recd from*	**Receipt**	72		56,820.00
	Dr	**CGST CASH LEDGER** *Being amt of GST TDS*	**Journal**	756		1,000.00
	Dr	**TDS (R)** *Beign amt of TDS deducted*	**Journal**	757		1,000.00
2-Jan-24	Cr	**Sale of Services**	**Sales**	SI/23-24/41	2,42,000.00	
7-Feb-24	Cr	**Sale of Services**	**Sales**	SI/23-24/47	2,42,000.00	
4-Mar-24	Dr	**Bank of Baroda** *Beign amt of NEFT recd UTR NO. SBIN524064906240*	**Receipt**	82		8,82,350.00
		Carried Over			25,05,800.00	21,55,410.34

continued ...

Date		Particulars	Vch Type	Vch No.	Debit	Credit
		Brought Forward			25,05,800.00	21,55,410.34
4-Mar-24	Dr	**CGST CASH LEDGER** *Being amt of GST TDS*	**Journal**	762		24,610.00
	Dr	**TDS (R)** *Beign amt of TDS deducted*	**Journal**	843		24,610.00
5-Mar-24	Cr	**Sale of Services**	**Sales**	SI/23-24/51	2,42,000.00	
30-Mar-24	Cr	**Sale of Services**	**Sales**	SI/23-24/57	2,42,000.00	
					29,89,800.00	22,04,630.34
	Dr	**Closing Balance**				7,85,169.66
					29,89,800.00	**29,89,800.00**

Absolute Water Private Limited

M-58, IInd Floor, Market
Greater Kailash-II
New Delhi-110048
Delhi
MSME NO.DL08D0005736
CIN: U29190DL2016PTC289934

Delhi Technological University

Ledger Account

Delhi Technological University
Shahbad Daulatpur
Main Bawana Road
Delhi-110042

1-Apr-18 to 31-Mar-19

Date		Particulars	Vch Type	Vch No.	Debit	Credit
25-Jul-18	Cr	**Civil Work (Income)** *Being invoice No.SI/17-18/06 dt 25/07/18 for first running bill for vivilwork STP & WTEP*	Journal	86	31,86,000.00	
14-Aug-18	Cr	**Sale with in State**	Sales	11	29,50,000.00	
23-Aug-18	Dr	**Dena Bank** *Being amt of RTGS RECD*	Receipt	19		24,76,046.00
	Dr	**TDS (R)** *Being amt of TDS deducted agst Rs. 2526572/- from 01/07 to 30/09/18*	Journal	135		50,532.00
8-Oct-18	Dr	**Dena Bank** *Being amt of NEFT recd agt ino.11*	Receipt	27		21,79,199.00
	Dr	**CGST CASH LEDGER** *GST TDs deducted for the month of Oct -2018 on amt of Taxable Value on RS. 2293894/- .*	Journal	178		45,878.00
	Dr	**Labour Cess** *Being amt of 1% Labour cess deducted*	Journal	179		22,939.00
6-Nov-18	Cr	**Sale with in State**	Sales	29	68,25,000.00	
21-Nov-18	Cr	**Civil Work (Income)** *Invoice No.SI/18-19/15 dt 21/11/18*	Journal	216	40,12,000.00	
1-Dec-18	Cr	**Sale with in State**	Sales	30	5,69,232.00	
3-Dec-18	Cr	**Sale with in State**	Sales	31	5,16,557.00	
14-Dec-18	Cr	**Sale with in State**	Sales	33	5,77,728.00	
17-Dec-18	Cr	**Sale with in State**	Sales	34	10,38,778.00	
26-Dec-18	Cr	**Sale with in State**	Sales	35	5,14,291.00	
27-Dec-18	Dr	**Dena Bank** *Being amt of NEFT received*	Receipt	38		50,00,000.00
	Dr	**Dena Bank** *Being amt of NEFT recd*	Receipt	39		50,00,000.00
	Dr	**Dena Bank** *Being amt of NEFT recd*	Receipt	40		9,09,622.00
28-Dec-18	Cr	**Sale with in State**	Sales	36	1,25,174.00	
30-Dec-18	Dr	**Labour Cess** *Being amt deducted*	Journal	251		1,14,838.00
9-Jan-19	Dr	**CGST CASH LEDGER** *amount received tds on ass. value of rs. 11483812/-*	Journal	270		2,29,676.00
21-Feb-19	Dr	**Dena Bank** *Being amt of NEFT recd*	Receipt	47		42,52,506.00
25-Feb-19	Cr	**Sale with in State**	Sales	38	1,68,811.00	
		Carried Over			2,04,83,571.00	2,02,81,236.00

continued ...

Date		Particulars	Vch Type	Vch No.	Debit	Credit
		Brought Forward			2,04,83,571.00	2,02,81,236.00
28-Feb-19	Dr	**CGST CASH LEDGER** *Being amt of GST TDS*	Journal	306		89,526.00
	Dr	**TDS (R)** *Being amt of TDS deducted from 1/10 to 31 /12/2018*	Journal	307		2,75,554.00
	Dr	**Labour Cess** *Being amt of 1% cess deducted*	Journal	312		44,763.00
5-Mar-19	Cr	**Sale with in State**	Sales	39	2,78,480.00	
6-Mar-19	Cr	**Sale with in State**	Sales	40	56,000.00	
	Cr	**Sale with in State**	Sales	41	4,12,930.00	
	Cr	**Sale with in State**	Sales	42	6,50,720.00	
7-Mar-19	Cr	**Sale with in State**	Sales	43	64,670.00	
	Cr	**Sale with in State**	Sales	44	64,890.00	
8-Mar-19	Cr	**Sale with in State**	Sales	45	62,811.00	
	Cr	**Sale with in State**	Sales	46	63,284.00	
	Cr	**Sale with in State**	Sales	47	63,630.00	
11-Mar-19	Cr	**Sale with in State**	Sales	48	63,788.00	
	Cr	**Sale with in State**	Sales	49	45,719.00	
17-Mar-19	Cr	**Sale with in State**	Sales	50	7,74,080.00	
18-Mar-19	Cr	**Sale with in State**	Sales	51	66,938.00	
19-Mar-19	Cr	**Sale with in State**	Sales	52	66,938.00	
20-Mar-19	Cr	**Sale with in State**	Sales	53	39,375.00	
	Cr	**Sale with in State**	Sales	54	73,185.00	
	Cr	**Sale with in State**	Sales	55	73,185.00	
	Cr	**Sale with in State**	Sales	56	73,185.00	
	Cr	**Sale with in State**	Sales	57	73,185.00	
22-Mar-19	Cr	**Sale with in State**	Sales	58	73,185.00	
30-Mar-19	Cr	**Civil Work (Income)** *Being Ino.SI/18-19/24 dt 30/03/19*	Journal	345	40,12,000.00	
	Cr	**Sale with in State**	Sales	61	77,880.00	
	Cr	**Sale with in State**	Sales	62	47,200.00	
31-Mar-19	Dr	**CGST CASH LEDGER** *Being amt of TDS gst on Rs.5487809/-*	Journal	354		1,09,756.00
	Dr	**TDS (R)** *Being amt of TDS deducted*	Journal	369		1,99,282.00
					2,77,60,829.00	2,10,00,117.00
	Dr	**Closing Balance**				67,60,712.00
					2,77,60,829.00	**2,77,60,829.00**

Absolute Water Private Limited

M-58, IInd Floor, Market
Greater Kailash-II
New Delhi-110048
Delhi
MSME NO.DL08D0005736
CIN: U29190DL2016PTC289934

Delhi Technological University

Ledger Account

Delhi Technological University
Shahbad Daulatpur
Main Bawana Road
Delhi-110042

1-Apr-19 to 31-Mar-20

Date		Particulars	Vch Type	Vch No.	Debit	Credit
1-Apr-19	Cr	**Opening Balance**			**67,60,712.00**	
5-Apr-19	Dr	**Dena Bank** *Being amt of NEFT recd fromDTU , SBIN519095536522*	**Receipt**	4		50,00,000.00
	Dr	**Dena Bank** *Being amt of NEFT recd UTR NO. sbin519095529868*	**Receipt**	5		2,13,419.00
9-Apr-19	Cr	**Sale with in State**	**Sales**	19003	98,175.00	
10-Apr-19	Cr	**Sale with in State**	**Sales**	19004	80,850.00	
	Cr	**Sale with in State**	**Sales**	19005	83,738.00	
	Cr	**Sale with in State**	**Sales**	19006	46,200.00	
17-Apr-19	Cr	**Sale with in State**	**Sales**	19007	20,951.00	
18-Apr-19	Cr	**Sale with in State**	**Sales**	19008	27,750.00	
19-Apr-19	Cr	**Sale with in State**	**Sales**	19009	85,050.00	
20-Apr-19	Cr	**Sale with in State**	**Sales**	19010	64,134.00	
23-Apr-19	Cr	**Sale with in State**	**Sales**	19011	63,567.00	
24-Apr-19	Cr	**Sale with in State**	**Sales**	19012	63,693.00	
27-Apr-19	Cr	**Sale with in State**	**Sales**	19013	63,063.00	
	Cr	**Sale with in State**	**Sales**	19014	15,008.00	
4-May-19	Cr	**Sale with in State**	**Sales**	19015	72,813.00	
	Cr	**Sale with in State**	**Sales**	19016	50,000.00	
10-May-19	Cr	**Sale of Services** *Invoice No.SI/19-20/04 dt 10/05/19*	**Journal**	58	15,34,000.00	
15-May-19	Cr	**Sale of Services** *Being Ino.SI/19-20/05 dt 15/05/19*	**Journal**	62	5,31,000.00	
16-May-19	Cr	**Sale with in State**	**Sales**	19017	29,500.00	
6-Jun-19	Cr	**Sale of Services** *Beoing Invoice No.SI/19-20/09 dt 06/6/19*	**Journal**	89	1,32,870.00	
	Cr	**Sale of Services** *Being Invoice No.SI/19-20/10 dt 06/06/2019*	**Journal**	90	8,37,800.00	
	Cr	**Sale of Services** *Invoice No.SI/19-20/11 dt 6/6/19 for Hiring od Super Sucker Machine with Dump Tank for cleaning of Sewer*	**Journal**	91	4,79,564.00	
8-Aug-19	Cr	**Sale of Services** *Being aIno.SI/119-20/17 dt 08/08/2019-Vivil Work with material*	**Journal**	175	1,85,260.00	
27-Aug-19	Dr	**Labour Cess** *Beign amt of Labour cess 21% deducted*	**Journal**	192		65,250.00
29-Aug-19	Dr	**Dena Bank** *Being amt of RTGS recd*	**Receipt**	36		50,00,000.00
		Carried Over			1,13,25,698.00	1,02,78,669.00

continued ...

Date		Particulars	Vch Type	Vch No.	Debit	Credit
		Brought Forward			1,13,25,698.00	1,02,78,669.00
29-Aug-19	Dr	**Dena Bank** *Being amt of NEFT recd*	Receipt	37		11,98,703.00
31-Aug-19	Dr	**CGST CASH LEDGER** *Being amt of GST TDS on Rs.6524952/-*	Journal	202		1,30,500.00
12-Oct-19	Cr	**Sale of Services** *Being Invoice No.SI/19-20/22 dt 12/10/2019*	Journal	285	2,02,960.00	
4-Nov-19	Cr	**Sale of Services** *Invoice No.SI/19-20/25 dt 4/11/2019*	Journal	315	1,44,037.00	
	Cr	**Sale of Services** *Invoice No.SI/19-20/26 dt 04/11/2019*	Journal	316	3,21,836.00	
3-Dec-19	Cr	**Sale of Services** *Invoice No.SI/19-20/29 DT 03/12/2019*	Journal	368	2,02,960.00	
10-Dec-19	Dr	**Labour Cess** *Being amt of 10% CESS deducted*	Journal	378		6,519.00
11-Dec-19	Dr	**Dena Bank** *Being amt of NEFT recd*	Receipt	67		6,21,278.00
31-Dec-19	Dr	**CGST CASH LEDGER** *Being amt of GST TDS deducted*	Journal	394		11,048.86
6-Jan-20	Cr	**Sale of Services** *Invoice No.SI/19-20/31 dt 06/01/20*	Journal	414	2,02,960.00	
6-Feb-20	Cr	**Sale of Services** *Invoice No.SI/19-20/35 dt 6/2/20*	Journal	452	2,02,960.00	
14-Feb-20	Dr	**Dena Bank** *Being amt of NEFT recd*	Receipt	81		3,90,922.00
	Dr	**CGST CASH LEDGER** *Being amt of GST tax deducted*	Journal	457		6,880.00
2-Mar-20	Cr	**Sale of Services** *Invoice No.SI/19-20/38 dt 02/3/20*	Journal	481	2,02,960.00	
31-Mar-20	Cr	**Sale of Services** *Invoice No.si/19-20/41 dt 31/03/20 for the Month of March'20*	Journal	498	2,02,960.00	
	Dr	**TDS (R)** *Being amt of TDS educted for 2019-20*	Journal	528		1,51,655.00
					1,30,09,331.00	1,27,96,174.86
	Dr	**Closing Balance**				2,13,156.14
					1,30,09,331.00	**1,30,09,331.00**

Date .....

Sewage Treatment Plant

Log Book

Certified that this register contains Pages from 01 to 139 (One to One hundred thirty nine only).

JEW
02/01/2023

A.E. (Civil)
02/01/2023

CPO (ATU)
2/1/23

Date .....

Jan. 2023

Date .....

Date	Inlet water Flow M^3/Hr						PH Testing						TDS Testing						Remarks	Checked by Supervisor	Approved by JE
	10:00 A.M	2:00 P.M	6:00 P.M	10:00 P.M	2:00 A.M	6:00 A.M	10:00 A.M	2:00 P.M	6:00 P.M	10:00 P.M	2:00 A.M	6:00 A.M	10:00 A.M	2:00 P.M	6:00 P.M	10:00 P.M	2:00 A.M	6:00 A.M			
01/01/23	47	48	46	45	44	47	7.5	7.5	7.6	7.5	7.5	7.5	687	698	693	688	701	700		Fatma	—
02/01/23	47	48	46	46	45	48	7.5	7.5	7.6	7.5	7.5	7.4	698	691	687	694	698	690		Fatma	Sunday —
03/01/23	48	46	48	47	46	47	7.5	7.5	7.4	7.5	7.5	7.5	692	700	701	689	698	701		Fatma	〃
04/01/23	48	46	45	47	46	48	7.5	7.6	7.5	7.6	7.4	7.5	692	696	691	694	700	694		Fatma	〃
05/01/23	48	44	46	45	45	46	7.6	7.8	7.6	7.6	7.5	7.6	710	707	698	694	696	685		Fatma	〃
06/01/23	47	48	46	45	48	47	7.6	7.5	7.6	7.5	7.6	7.4	726	710	704	698	790	715		Fatma	〃
07/01/23	48	48	46	47	46	45	7.6	7.4	7.5	7.6	7.5	7.5	726	696	710	694	690	691		Fatma	〃
08/01/23	46	46	45	46	47	46	7.6	7.4	7.5	7.5	7.6	7.5	710	691	697	693	690	685		Fatma	Sunday —
09/01/23	48	44	47	46	46	48	7.5	7.4	7.5	7.5	7.5	7.4	726	690	685	686	681	688		Fatma	〃
10/01/23	48	46	47	45	45	47	7.5	7.4	7.5	7.6	7.5	7.5	726	690	697	694	682	681		Fatma	〃
11/01/23	47	45	48	46	45	47	7.5	7.6	7.5	7.5	7.4	7.5	689	692	687	685	680	695		Fatma	〃
12/01/23	48	46	46	46	48	48	7.5	7.4	7.5	7.5	7.5	7.4	689	679	700	695	695	688		Fatma	〃
13/01/23	44	46	47	46	45	44	7.6	7.5	7.5	7.4	7.6	7.5	688	696	688	690	688	685		Fatma	〃
14/01/23	46	44	47	44	48	46	7.6	7.5	7.6	7.4	7.5	7.4	690	689	678	689	670	680		Fatma	〃
15/01/23	46	45	47	46	47	44	7.6	7.5	7.5	7.5	7.4	7.4	690	688	700	690	678	696		Fatma	Sunday —
16/01/23	46	44	47	46	45	46	7.6	7.4	7.5	7.6	7.5	7.6	690	679	683	688	690	685		Fatma	〃
17/01/23	44	46	47	47	46	45	7.5	7.4	7.5	7.5	7.4	7.5	689	690	681	690	688	685		Fatma	〃
18/01/23	46	45	46	47	46	45	7.5	7.6	7.5	7.6	7.5	7.5	700	721	715	720	715	710		Fatma	〃
19/01/23	47	48	46	47	48	46	7.4	7.5	7.5	7.6	7.6	7.5	695	690	681	695	690	688		Fatma	〃
20/01/23	48	44	47	48	47	46	7.6	7.5	7.5	7.5	7.4	7.3	740	730	700	690	689	696		Fatma	〃
21/01/23	46	48	47	46	46	48	7.6	7.4	7.5	7.5	7.4	7.5	726	690	698	700	695	690		Fatma	〃
22/01/23	47	46	47	46	46	48	7.4	7.3	7.4	7.5	7.5	7.4	676	680	685	688	685	687		Fatma	Sunday —
23/01/23	48	44	47	46	48	47	7.6	7.4	7.5	7.6	7.5	7.6	726	710	691	695	690	688		Fatma	〃
24/01/23	46	44	47	46	46	47	7.5	7.4	7.4	7.4	7.4	7.5	679	690	684	691	688	684		Fatma	〃
25/01/23	48	46	48	47	46	48	7.6	7.5	7.5	7.5	7.6	7.4	710	720	705	711	714	710		Fatma	〃
26/01/23	44	46	48	47	46	45	7.5	7.4	7.5	7.6	7.5	7.5	720	715	706	703	701	700		Fatma	〃
27/01/23	48	47	46	48	47	46	7.5	7.5	7.4	7.6	7.5	7.5	710	700	711	705	700	703		Fatma	〃
28/01/23	44	46	48	47	46	45	7.5	7.6	7.5	7.6	7.5	7.5	720	726	710	705	703	700		Fatma	〃
29/01/23	44	46	48	47	46	45	7.5	7.5	7.6	7.5	7.4	7.5	720	718	715	710	705	701		Fatma	Sunday —
30/01/23	48	47	46	45	47	46	7.6	7.5	7.5	7.6	7.5	7.5	700	701	703	697	699	696		Fatma	〃 30/01/23
31/01/23	47	48	46	47	45	46	7.5	7.5	7.5	7.6	7.4	7.5	714	717	706	705	701	702		Fatma	31/01/23

Date .....

February, 2023

Date .....

Date	Inlet Water Flow M^3/Hr.						PH Testing						TDS Testing						checked by	Approved	Remarks
	10:00 A.M	2:00 P.M	6:00 P.M	10:00 P.M	2:00 A.M	6:00 A.M	10:00 A.M	2:00 P.M	6:00 P.M	10:00 P.M	2:00 A.M	6:00 A.M	10:00 A.M	2:00 P.M	6:00 P.M	10:00 P.M	2:00 A.M	6:00 A.M	Supervisor	by JE	
01/02/23	48	48	46	48	47	46	7.4	7.5	7.5	7.4	7.5	7.6	710	717	709	710	708	701	Fabin		
02/02/23	48	46	45	47	48	46	7.5	7.5	7.6	7.5	7.6	7.5	710	709	711	704	701	700	Fabin		Never Clean the Site
03/02/23	48	46	47	45	46	48	7.6	7.5	7.6	7.5	7.4	7.6	714	709	706	703	700	703	Fabin		-do-
04/02/23	48	46	47	48	46	45	7.6	7.6	7.5	7.6	7.4	7.5	714	700	705	703	700	698	Fabin		-do-
05/02/23	46	47	45	48	46	47	7.5	7.5	7.6	7.6	7.5	7.5	691	711	706	703	717	713	Fabin	- Sunday	———
06/02/23	47	46	48	47	46	45	7.4	7.3	7.5	7.6	7.4	7.5	727	719	717	716	712	708	Fabin		
07/02/23	46	48	45	47	46	47	7.3	7.5	7.4	7.5	7.4	7.5	734	730	721	718	729	732	Fabin		
08/02/23	45	48	46	47	47	46	7.4	7.5	7.6	7.5	7.5	7.5	718	724	722	727	710	714	Fabin		Please Clean the site
09/02/23	48	47	46	45	46	47	7.5	7.6	7.5	7.4	7.5	7.4	708	711	714	721	728	731	Fabin		
10/02/23	46	47	45	46	46	47	7.4	7.5	7.5	7.5	7.4	7.5	728	731	724	729	730	726	Nitesh		
11/02/23	47	46	45	46	48	47	6.7	6.8	7.1	7.1	7.5	7.4	735	726	719	721	715	710	Nitesh		
12/02/23	46	46	48	47	46	45	7.0	6.9	7.0	7.5	7.5	7.4	725	732	730	726	722	715	Nitesh	Sunday	
13/02/23	46	47	45	46	48	47	6.9	6.8	7.0	7.1	7.2	7.3	723	718	727	724	732	729	Nitesh		Never Clean
14/02/23	46	44	45	45	46	45	6.9	6.9	7.1	7.0	7.0	7.2	732	728	723	718	721	724	Nitesh		
15/02/23	46	45	45	48	47	45	7.1	7.1	7.0	7.1	7.2	7.0	731	734	729	725	722	715	Nitesh		Kindly inform the week
16/02/23	46	44	44	45	45	44	7.2	7.1	7.1	7.2	7.0	7.1	735	731	728	726	722	719	Nitesh		
17/02/23																					
18/02/23																				Sunday	
19/02/23																					
20/02/23																					
21/02/23																					
22/02/23	46	44	44	45	45	44	7.2	7.1	7.1	7.0	7.2	7.0	724	727	722	719	725	731	Nitesh		
23/02/23	46	46	42	44	45	45	7.1	7.2	7.0	7.2	7.0	7.1	729	734	724	732	735	729	Nitesh		
24/02/23	45	46	44	44	42	45	7.1	7.0	7.2	7.2	7.1	7.1	727	724	733	741	739	737	Nitesh		
25/02/23	46	48	45	47	48	46	7.3	7.5	7.6	7.4	7.3	7.6	758	753	749	745	742	755	Nitesh		
26/02/23	47	46	48	47	48	46	7.5	7.3	7.6	7.5	7.6	7.4	751	760	748	752	748	740	Nitesh	Sunday.	
27/02/23	48	47	46	47	45	48	7.3	7.4	7.2	7.3	7.4	7.5	760	761	758	755	751	748	Nitesh		Kindly Clean the Clean.
28/02/23	47	48	46	48	46	47	7.5	7.4	7.5	7.4	7.6	7.5	758	765	754	748	750	753	Nitesh		Kindly Clean the site

Under Maintenance

Date .....

March, 2023

Date .....

Date	Inlet Water Flow $M^3/Hr.$						PH Testing.						TDS Testing						checked by	Approved	Remarks
	10:00 AM	2:00 P.M	6:00 P.M	10:00 P.M	2:00 A.M	6:00 A.M	10:00 A.M	2:00 P.M	6:00 P.M	10:00 P.M	2:00 A.M	6:00 A.M	10:00 A.M	2:00 P.M	6:00 P.M	10:00 P.M	2:00 A.M	6:00 A.M	Supervisor	by JE	
01/03/23	48	47	46	45	44	48	7.5	7.4	7.4	7.3	7.4	7.5	760	748	739	737	741	738	Fatma		
02/03/23	46	47	45	46	46	45	7.5	7.4	7.3	7.5	7.5	7.4	729	740	738	726	731	728	Fatma		
03/03/23	45	44	46	47	46	45	7.3	7.6	7.5	7.4	7.4	7.4	741	744	759	763	760	739	Fatma		
04/03/23	45	47	46	45	44	45	7.2	7.1	7.2	7.3	7.4	7.3	728	725	730	728	726	722	Fatma		
05/03/23	45	46	47	48	46	45	7.2	7.3	7.4	7.2	7.1	7.2	719	716	720	721	716	719	Fatma	Sunday.	
06/03/23	48	46	45	45	44	45	7.3	7.3	7.2	7.3	7.3	7.4	728	730	736	729	724	727	Fatma		
07/03/23	45	47	49	48	47	48	7.4	7.5	7.4	7.3	7.4	7.4	724	720	727	728	731	723	Fatma		
08/03/23	47	46	46	48	47	46	7.5	7.4	7.3	7.4	7.4	7.3	729	724	730	731	734	728	Fatma	-Holi-	
09/03/23	47	45	46	44	45	47	7.4	7.3	7.3	7.4	7.3	7.3	726	721	724	727	722	728	Fatma		
10/03/23	48	46	47	46	45	45	7.4	7.3	7.3	7.2	7.2	7.2	720	719	724	726	730	734	Fatma		
11/03/23	48	46	47	45	45	47	7.1	7.2	7.1	7.1	7.2	7.2	740	737	734	729	732	735	Fatma		
12/03/23	46	46	45	47	45	45	7.3	7.3	7.2	7.2	7.2	7.1	728	726	723	721	724	727	Fatma	Sunday.	
13/03/23	47	45	46	47	47	48	7.2	7.1	7.2	7.3	7.3	7.2	730	726	733	741	729	735	Fatma		
14/03/23	47	45	46	46	47	47	7.1	7.1	7.2	7.1	7.3	7.2	730	734	729	727	732	736	Fatma		
15/03/23	48	46	47	45	45	47	7.1	7.2	7.2	7.2	7.1	7.1	740	736	733	737	739	735	Fatma		
16/03/23	47	45	46	45	45	46	7.2	7.2	7.4	7.5	7.2	7.3	731	734	737	733	735	738	Fatma		
17/03/23	48	46	45	47	45	45	7.1	7.1	7.2	7.2	7.0	7.1	730	733	737	740	738	736	Fatma		
18/03/23	46	47	45	45	46	45	7.1	7.1	7.2	7.0	7.1	7.0	726	739	746	737	741	738	Fatma		
19/03/23	46	45	46	47	47	46	7.1	7.1	7.2	7.3	7.3	7.2	726	731	734	719	742	754	Fatma	Sunday.	
20/03/23	48	46	44	46	47	48	7.2	7.1	7.2	7.3	7.3	7.4	731	720	726	736	740	720	Fatma		
21/03/23	48	46	46	45	44	46	7.3	7.2	7.1	7.2	7.1	7.2	736	730	732	729	734	728	Fatma		
22/03/23	45	46	48	46	47	45	7.2	7.3	7.3	7.4	7.2	7.1	731	732	740	748	742	749	Fatma		
23/03/23	46	45	47	48	46	46	7.2	7.1	7.2	7.3	7.3	7.2	744	746	740	750	748	752	Fatma		
24/03/23	47	45	48	46	44	47	7.2	7.1	7.3	7.3	7.4	7.2	747	744	748	741	720	744	Fatma		
25/03/23	46	45	46	46	48	46	7.2	7.1	7.1	7.0	7.0	7.0	747	742	739	743	739	744	Fatma		
26/03/23	48	45	44	46	46	45	7.3	7.3	7.2	7.2	7.2	7.1	748	745	742	739	741	744	Fatma	Sunday.	
27/03/23	48	46	45	47	45	46	7.2	7.3	7.3	7.2	7.2	7.1	730	737	740	739	736	734	Fatma		
28/03/23	46	48	45	46	45	45	7.2	7.1	7.3	7.2	7.2	7.1	731	740	743	739	737	738	Fatma		
29/03/23	47	45	46	45	46	46	7.1	7.2	7.2	7.2	7.3	7.3	744	739	742	745	768	752	Fatma		
30/03/23	46	47	46	46	48	45	7.3	7.4	7.4	7.3	7.2	7.3	761	724	731	742	736	747	Fatma		
31/03/23	48	46	45	47	45	46	7.4	7.3	7.2	7.2	7.1	7.2	685	679	681	683	687	692	Fatma		

Date .....

Date	Inlet Water Flow $m^3/Hr.$						PH Testing					
	10:00 A.M	2:00 P.m	6:00 P.m	10:00 P.m	2:00 A.m	6:00 A.m	10:00 A.M	2:00 P.m	6:00 P.m	10:00 P.m	2:00 A.m	6:00 A.m
01/04/23	47	46	47	46	46	45	7.3	7.2	7.3	7.3	7.3	7.2
02/04/23	47	46	48	46	46	47	7.2	7.2	7.3	7.3	7.2	7.2
03/04/23	45	47	46	48	46	44	7.2	7.2	7.3	7.3	7.4	7.3
04/04/23	48	47	46	48	47	46	7.4	7.4	7.5	7.3	7.4	7.3
05/04/23	47	46	48	47	46	46	7.1	7.1	6.9	6.9	6.7	6.7
06/04/23	45	47	46	45	46	46	6.5	6.4	6.7	6.7	6.6	6.6
07/04/23	45	46	47	45	45	46	6.9	6.5	6.6	6.7	6.7	6.8
08/04/23	47	46	48	45	46	47	6.9	6.7	6.6	6.8	6.7	6.7
09/04/23	46	46	47	46	48	46	6.7	6.8	6.6	6.8	6.9	6.9
10/04/23	48	46	47	46	45	47	6.6	6.7	6.8	6.8	8.6	6.6
11/04/23	46	45	46	47	46	45	6.7	6.8	6.7	6.6	6.8	6.8
12/04/23	47	46	46	45	46	45	6.8	6.8	6.9	6.9	7.0	7.0
13/04/23	46	47	46	45	44	45	6.9	6.7	6.7	6.7	6.9	6.8
14/04/23	46	46	45	46	44	45	6.9	7.0	7.0	7.1	7.0	7.1
15/04/23	46	45	46	46	45	45	7.0	7.0	7.0	7.0	7.0	7.1
16/04/23	45	46	46	47	45	45	7.1	7.1	7.2	7.2	7.1	7.0
17/04/23	47	46	46	45	45	47	7.0	7.1	7.1	7.2	7.0	7.1
18/04/23	46	45	47	45	45	46	7.1	7.1	7.2	7.2	7.1	7.0
19/04/23	47	46	45	45	46	47	7.0	7.1	7.1	7.2	7.2	7.2
20/04/23	46	45	46	47	46	48	7.1	7.1	7.1	7.0	7.1	7.1
21/04/23	47	46	48	47	47	46	7.0	6.8	6.9	6.9	7.1	7.1
22/04/23	46	47	46	48	47	48	7.9	7.1	7.0	7.1	7.0	7.0
23/04/23	46	47	45	46	48	47	7.1	7.2	7.1	7.1	7.1	7.0
24/04/23	48	47	46	45	45	47	7.1	7.1	6.8	6.8	6.9	6.9
25/04/23	46	46	47	46	46	48	7.0	7.0	7.1	6.9	7.0	6.9
26/04/23	47	48	47	47	45	46	6.8	6.7	6.8	6.9	6.9	7.0
27/04/23	47	45	46	46	47	48	7.0	7.0	7.1	7.0	7.1	6.9
28/04/23	46	45	47	47	46	45	6.9	7.0	6.9	7.1	7.0	7.1
29/04/23	47	46	47	48	47	46	6.8	6.9	7.1	7.0	6.9	7.0
30/04/23	48	47	45	46	46	45	7.1	6.9	6.9	6.8	7.0	7.0

April, 2023

Date .....

TDS Testing						Checked by Supervisor	Approved by JE	Remarks
10:00 A.m	2:00 P.m	6:00 P.m	10:00 P.m	2:00 A.m	6:00 A.m			
701	708	717	720	723	719	Fatma	01/4/23	Daily cleaning tanks
727	691	699	705	712	721	Fatma	Sunday.	—
728	709	714	690	689	678	Fatma	03/4/23	—
696	790	789	769	760	755	Fatma	04/4/23	clean the site and tanks
680	648	646	635	652	663	Fatma	5/4	
671	669	638	642	649	654	Fatma	6/4	
670	673	648	652	658	663	Fatma	7/4	Check tank
671	668	645	652	656	653	Fatma	8/4	
655	661	649	667	684	659	Fatma	Sunday.	
719	637	642	660	656	651	Fatma	10/4	Clean the site
649	657	641	637	655	649	Fatma	11/4	
653	660	664	670	675	682	Fatma	12/4	
689	667	659	652	657	660	Fatma	13/4	
663	665	670	668	664	672	Fatma	14/4	
670	676	678	675	671	681	Fatma	15/4	
684	679	674	669	672	676	Fatma	Sunday.	
678	680	677	675	682	686	Fatma	17/4	
691	684	679	688	685	683	Fatma	18/4	
677	674	671	668	670	676	Fatma	19/4	
669	672	681	686	679	648	Fatma	20/4	
641	629	634	628	624	627	Fatma	21/4	
633	639	642	626	629	628	Fatma	22/4	
631	627	634	626	631	621	Fatma	Sunday.	
659	671	661	667	670	665	Fatma	24/4	
661	667	672	688	740	733	Fatma	25/4	
763	767	759	738	729	724	Fatma	26/4	
718	714	724	718	732	724	Fatma	27/4	
719	742	735	741	753	748	Fatma	28/4	
741	745	752	739	746	740	Fatma	29/4	
734	741	729	732	736	727	Fatma	Sunday.	

Date .....

May, 2023

Date .....

Date	Inlet Water Flow M³/Hr.						PH Testing					
	10:00 A.M	2:00 P.m	6:00 P.m	10:00 P.m	2:00 A.m	6:00 A.m	10:00 A.m	2:00 P.m	6:00 P.m	10:00 P.m	2:00 A.m	6:00 A.m
01/05/23	47	46	45	46	46	47	6.9	7.0	7.0	6.9	6.9	7.0
02/05/23	46	47	47	46	45	46	6.9	7.0	6.9	6.9	6.9	7.0
03/05/23	45	46	46	45	45	47	7.0	6.9	7.0	7.0	7.1	7.0
04/05/23	47	46	45	47	46	46	6.9	7.0	7.0	6.9	7.0	7.1
05/05/23	47	46	45	46	45	47	6.9	7.0	7.0	7.1	7.0	6.9
06/05/23	46	46	47	48	46	47	7.1	7.1	7.1	7.0	7.1	6.9
07/05/23	48	47	46	48	47	47	7.0	6.9	7.1	7.0	7.1	7.0
08/05/23	46	45	46	46	47	48	6.9	6.9	7.0	7.1	7.0	7.1
09/05/23	47	46	45	46	45	47	7.0	7.1	7.0	7.0	6.9	6.9
10/05/23	46	48	46	45	45	47	7.1	7.1	7.0	7.0	7.1	7.1
11/05/23	46	47	46	47	47	46	7.1	7.1	7.0	7.2	7.1	7.1
12/05/23	47	48	47	46	46	47	7.0	6.9	7.0	7.1	7.2	7.2
13/05/23	46	47	48	46	47	48	7.1	7.2	7.2	7.1	7.0	7.2
14/05/23	48	46	47	48	47	48	7.2	7.1	7.2	7.3	7.1	7.0
15/05/23	47	46	44	48	46	47	7.0	7.1	7.2	7.1	7.2	7.1
16/05/23	47	46	48	46	48	47	7.1	7.1	7.1	7.1	7.2	7.0
17/05/23	47	46	48	46	47	46	7.1	7.1	7.1	7.1	7.2	7.1
18/05/23	47	46	44	46	47	46	7.1	7.0	7.1	7.0	7.1	7.2
19/05/23	47	45	48	49	46	47	7.1	7.1	7.1	7.0	7.1	7.0
20/05/23	48	46	44	47	49	46	7.0	7.1	7.2	7.1	7.1	7.2
21/05/23	47	48	46	46	47	48	7.1	7.1	7.0	7.1	7.1	7.2
22/05/23	48	46	47	46	48	46	7.1	7.1	7.0	7.1	7.1	7.0
23/05/23	46	48	48	45	46	45	7.1	7.1	7.0	7.0	7.1	7.3
24/5/23	48	47	46	47	46	47	7.1	7.0	7.1	7.1	7.2	7.2
25/5/23	46	47	48	47	46	47	7.1	7.0	7.2	7.1	7.2	7.1
26/5/23	47	46	47	48	47	46	7.0	7.0	7.2	7.0	7.1	7.0
27/5/23	47	46	48	49	47	48	7.1	7.1	7.1	7.1	7.0	7.2
28/5/23	46	47	48	46	44	46	7.0	7.1	7.0	7.1	7.1	7.2
29/5/23	47	46	48	46	47	48	7.1	7.0	7.1	7.0	7.2	7.1
30/5/23	47	48	46	47	49	47	7.1	7.2	7.1	7.1	7.0	7.1
31/5/23	48	46	47	46	48	47	7.2	7.2	7.1	7.2	7.1	7.1

TDS Testing						checked by	Approved by JE	Remarks
10:00 A.m	2:00 P.m	6:00 P.m	10:00 P.m	2:00 A.m	6:00 A.m	Supervisor		
765	773	764	760	753	751	Fatma	01/5	
742	738	732	728	736	741	Fatma	02/5	
744	750	754	749	743	739	Fatma	03/5	
746	738	741	734	729	734	Fatma	04/5	
729	726	730	735	742	739	Fatma	—	
744	750	747	740	739	734	Fatma	—	
732	735	738	740	733	741	Fatma	Sunday.	
743	740	732	730	735	739	Fatma	08/5	
736	742	750	739	733	728	Fatma	09/5	
731	726	730	722	727	720	Fatma	10/5	
726	730	742	739	736	732	Fatma	11/5	
729	730	726	731	727	738	Fatma	12/5	
731	742	740	738	735	741	Fatma	13/5	
730	729	734	741	728	729	Fatma	Sunday	
734	736	740	736	731	726	Fatma	15/5	
739	735	730	740	738	734	Fatma	16/5	
733	728	730	739	742	738	Fatma	17/5	
741	737	746	736	742	738	Fatma	18/5	
735	737	740	739	748	742	Fatma	19/5	
746	745	739	741	742	740	Fatma	20/5	
730	737	739	741	736	731	Fatma	Sunday.	
740	735	738	734	740	734	Fatma	22/5	
735	740	744	738	741	732	D.		
740	733	742	739	744	736	D.		
742	736	743	738	745	737	Fatma		
744	738	741	734	742	733	Fatma		
746	739	740	748	741	738	Fatma		
736	742	740	748	742	745	Fatma	Sunday.	
731	734	739	730	740	742	Fatma		
730	740	735	740	735	730	Fatma		
712	736	726	720	690	689	Fatma		

(24)

Date

June, 2023

(25)

Date

Date	Inlet Water Flow M³/Hr.						Outlet PH Testing						Outlet TDS Testing						Checked by Supervisor	Approved by JE	Remarks
	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am			
01/06/23	48	46	47	47	48	46	7.0	7.1	7.2	7.1	7.1	7.0	688	685	680	697	692	678	Fatma		
02/06/23	48	47	47	48	47	46	7.2	7.1	7.2	7.1	7.2	7.1	714	696	676	680	686	679	Fatma		
03/06/23	48	46	47	48	46	44	7.1	7.1	7.2	7.1	7.2	7.1	670	680	678	680	671	680	Fatma	Sunday	
04/06/23	48	46	47	48	49	44	7.2	7.3	7.2	7.1	7.1	7.0	689	680	685	670	669	685	Fatma		
05/06/23	48	46	47	46	48	46	7.2	7.1	7.2	7.1	7.2	7.1	690	685	680	685	671	669	Fatma		
06/06/23	44	47	48	47	46	48	7.2	7.1	7.2	7.0	7.2	7.1	680	670	672	685	680	688	Fatma		
07/06/23	47	46	48	47	46	47	7.0	7.1	7.2	7.1	7.2	7.0	676	679	690	688	681	679	Fatma		
08/06/23	48	46	47	48	46	45	7.1	7.0	7.2	7.1	7.0	7.1	691	689	680	679	688	685	Fatma		
09/06/23	48	46	48	46	47	47	7.2	7.1	7.2	7.1	7.2	7.0	690	689	686	681	676	671	Fatma		
10/06/23	46	44	48	46	44	43	7.1	7.0	7.1	7.3	7.1	7.0	680	679	669	690	689	678	Fatma	Sunday	
11/06/23	44	48	47	48	46	45	7.3	7.1	7.2	7.1	7.0	7.1	679	691	690	688	677	685	Fatma		
12/06/23	46	48	46	48	47	46	7.2	7.1	7.2	7.1	7.2	7.1	690	691	688	685	690	688	Fatma		
13/06/23	48	46	48	47	46	47	7.2	7.1	7.0	7.2	7.1	7.0	689	694	681	691	698	688	Fatma		
14/06/23	48	46	47	48	45	46	7.2	7.0	7.2	7.1	7.0	7.2	680	682	691	688	690	689	Fatma		
15/06/23	48	44	47	48	46	45	7.2	7.3	7.2	7.1	7.2	7.0	691	689	691	689	690	688	Fatma		
16/06/23	46	48	47	46	48	47	7.1	7.0	6.9	7.0	7.2	7.1	681	688	700	705	679	690	Fatma		
17/06/23	48	46	47	48	46	47	7.1	7.0	7.1	7.2	7.1	7.0	688	691	708	688	694	693	Fatma	Sunday	
18/06/23	48	44	47	46	48	46	7.1	7.2	7.2	7.1	7.2	7.0	680	670	691	688	693	689	Fatma		
19/06/23	44	48	46	48	47	46	7.1	7.2	7.1	7.1	7.0	7.2	695	689	687	689	690	692	Fatma		
20/06/23	48	46	47	46	44	46	7.2	7.1	7.0	7.2	7.0	7.1	689	671	706	702	708	698	Fatma		
21/06/23	48	46	47	45	48	47	7.2	7.1	7.1	7.2	7.2	7.1	671	676	680	688	690	689	Fatma		
22/06/23	48	46	48	47	45	46	7.2	7.0	7.1	7.2	7.1	7.0	691	700	698	691	688	690	Fatma		
23/06/23	47	46	45	47	46	47	7.2	7.0	7.0	7.1	7.0	7.1	676	708	687	694	691	686	Fatma		
24/06/23	48	44	46	45	46	47	7.2	7.1	7.1	7.0	7.1	7.2	689	691	684	679	677	681	Fatma		
25/06/23	47	48	46	48	47	46	7.2	7.2	7.3	7.2	7.0	7.1	680	676	686	691	698	693	Fatma	Sunday	
26/06/23	48	47	47	45	48	46	7.1	7.1	7.2	7.0	7.2	7.0	689	688	698	700	699	694	Fatma		
27/06/23	48	44	45	46	47	48	7.1	7.2	7.2	7.1	7.0	7.2	684	670	677	668	658	652	Fatma		
28/06/23	47	45	46	47	48	46	7.2	7.2	7.1	7.1	7.2	7.1	685	624	609	601	595	585	Fatma		
29/06/23	46	47	45	46	48	47	7.1	7.1	7.0	7.2	7.2	7.0	574	581	587	589	572	568	D		
30/06/23	48	46	47	46	48	48	7.1	7.1	7.1	7.2	7.0	7.0	595	600	589	600	602	608	D		

Date .....

July 2023

Date .....

Date	Inlet water Flow m3/HR						outlet PH Testing						outlet TDS Testing						checked by	Approved	Remarks
	10:00 AM	2:00 PM	6:00 PM	10:00 PM	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 P.M	10:00 PM	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM	2:00 AM	6:00 AM	Supervisor	by J.E.	
01/07/23	46	44	46	48	46	47	7.2	7.1	7.0	7.1	7.0	7.2	612	620	615	621	618	608	Durgesh		
02/07/23	48	46	45	47	48	47	7.1	7.2	7.0	7.1	7.1	7.2	603	601	611	617	604	600	Nitesh		
03/07/23	47	48	46	48	46	47	7.0	7.1	7.0	7.0	7.2	7.1	610	608	590	600	603	595	Nitesh		
04/07/23	48	47	46	47	48	46	7.1	7.0	7.1	7.2	7.1	7.0	625	630	626	640	633	625	Nitesh		
05/07/23	47	46	47	44	45	46	7.0	7.1	7.0	7.2	7.0	7.1	634	629	610	640	632	619	Nitesh		
6/07/23	48	47	46	45	44	46	7.2	7.2	7.1	7.2	7.1	7.0	640	630	626	629	633	621	Nitesh		
07/07/23	47	48	48	46	45	46	7.0	7.1	7.2	7.0	7.2	7.1	635	631	629	621	632	601	Nitesh		
08/07/23	47	48	48	46	44	45	7.1	7.2	7.0	7.2	7.3	7.2	630	640	638	630	626	636	Nitesh		
09/07/23	47	48	47	46	48	47	7.2	7.1	7.2	7.2	7.1	7.0	600	612	610	609	609	608	Nitesh	—	
10/07/23	46	48	47	46	47	45	7.1	7.2	7.1	7.0	7.1	7.2	605	610	618	611	621	626	Nitesh		
11/07/23	47	48	46	47	46	45	7.3	7.2	7.1	7.2	7.1	7.0	630	618	626	620	613	606	Nitesh		
12/07/23	46	47	46	47	48	46	7.1	7.2	7.0	7.2	7.1	7.0	616	618	622	631	621	609	Nitesh		
13/07/23	47	45	48	47	45	46	7.0	7.2	7.3	7.2	7.1	70	600	608	620	611	618	600	Nitesh		
14/07/23	46	48	45	44	46	47	7.3	7.2	7.3	7.0	7.2	7.1	619	591	596	590	595	600	Nitesh		
15/07/23	46	48	47	45	44	46	7.2	7.1	7.1	7.2	7.3	7.2	590	585	588	589	576	589	Nitesh	—	
16/07/23	47	46	44	47	48	46	7.3	7.2	7.2	7.3	7.3	7.1	567	589	590	588	579	571	Nitesh	—	
17/07/23	48	47	45	44	46	47	7.2	7.1	7.1	7.2	7.1	7.0	571	589	572	575	570	565	Nitesh		
18/07/23	47	45	48	46	45	46	7.3	7.0	7.2	7.1	7.2	7.1	681	665	671	661	665	609	Nitesh		
19/07/23	46	47	48	46	45	47	7.2	7.0	7.1	7.2	7.0	7.1	577	570	565	550	548	566	Nitesh		
20/07/23	45	48	47	48	46	45	7.1	7.2	7.1	7.0	7.2	7.0	588	561	556	560	559	578	Nitesh		
21/07/23	47	48	47	48	46	47	7.1	7.2	7.1	7.0	7.1	7.0	591	610	605	610	619	615	Nitesh		
22/07/23	46	48	47	44	46	45	7.2	7.1	7.2	7.1	7.2	7.0	602	600	610	619	623	614	Nitesh	—	
23/07/23	46	48	46	48	45	47	7.2	7.0	7.1	7.0	7.2	7.1	603	614	600	616	618	611	Nitesh	—	
24/07/23	45	47	48	48	47	46	7.1	7.0	7.1	7.0	7.2	7.1	621	591	600	606	609	611	Nitesh		
25/07/23	48	46	48	44	47	46	7.2	7.0	7.1	7.1	7.0	7.2	605	610	600	610	621	617	Nitesh		
26/07/23	47	48	46	47	45	47	7.1	7.0	7.1	7.0	7.1	7.2	608	613	620	626	621	618	Nitesh		
27/07/23	46	47	48	44	47	46	7.1	7.0	7.1	7.2	7.1	7.0	614	623	626	630	614	611	Nitesh		
28/07/23	48	46	48	47	46	48	7.2	7.1	7.1	7.2	7.3	7.3	619	605	610	626	620	626	Nitesh		
29/07/23	46	47	48	44	46	47	7.1	7.0	7.2	7.1	7.2	7.2	622	636	626	630	634	628	Nitesh		
30/07/23	46	45	46	48	47	48	7.1	7.0	7.1	7.2	7.2	7.1	618	610	620	626	629	633	Nitesh	—	
31/07/23	47	46	48	44	45	46	7.3	7.2	7.2	7.1	7.0	7.2	619	630	626	620	623	617	Nitesh		

Date .....

August 2023

Date .....

Date	Inlet Water Flow M^3/HR						Outlet PH Testing						Outlet TDS Testing						Checked by Supervisor	Approved by JE	Remarks
	10:00 A.M	2:00 PM	6:00 PM	10:00 PM	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM	2:00 AM	6:00 AM			
01-08-23	47	45	46	48	47	46	7.2	7.1	7.2	7.1	7.0	7.1	622	611	616	623	610	622	Nitesh	01/8/23	
02-08-23	45	47	46	47	45	46	7.0	7.2	7.1	7.2	7.2	7.0	628	610	618	619	614	621	Nitesh	02/08/23	
03-08-23	48	46	47	46	45	47	7.1	7.2	7.2	7.1	7.2	7.0	608	618	621	612	611	602	Nitesh	03/8/23	
04-08-23	48	46	47	46	48	45	7.1	7.2	7.1	7.2	7.0	7.1	595	598	600	609	613	616	Nitesh	04/8/23	
05-08-23	47	48	46	45	47	48	7.0	7.1	7.2	7.2	7.1	7.0	602	611	613	616	602	618	Nitesh	—	
06-08-23	46	48	47	46	47	48	7.2	7.0	7.1	7.1	7.2	7.1	621	614	619	609	611	628	Nitesh	Sundays	
07-08-23	46	48	46	47	45	46	7.2	7.2	7.1	7.0	7.2	7.1	618	622	617	613	606	608	Nitesh	—	
08-08-23	47	46	48	47	48	45	7.2	7.0	7.0	7.2	7.1	7.0	616	602	612	610	619	608	Nitesh	—	
09-08-23	46	48	47	45	46	48	7.1	7.0	7.2	7.1	7.2	7.1	602	614	610	600	618	621	Nitesh	—	
10-08-23	46	48	47	46	47	48	7.0	7.2	7.2	7.1	7.2	7.2	600	619	628	622	619	613	Nitesh	10/8/23	
11-08-23	48	46	46	47	45	44	7.1	7.2	7.1	7.2	7.0	7.1	615	617	621	627	630	628	Nitesh	11/8/23	
12-08-23	46	48	47	48	46	47	7.0	7.1	7.2	7.1	7.2	7.1	626	631	629	632	631	624	Nitesh	12/8/23	
13-08-23	47	48	47	46	45	46	7.1	7.2	7.1	7.2	7.1	7.0	619	641	638	635	640	632	Nitesh	Sundays	
14-08-23	47	48	46	47	46	45	7.2	7.1	7.2	7.1	7.0	7.1	624	620	628	633	636	634	Nitesh	14/8/23	
15-08-23	46	47	48	46	47	46	7.1	7.2	7.1	7.2	7.1	7.0	628	627	624	626	634	630	Nitesh	15/8/23	
16-08-23	47	48	46	45	47	48	7.2	7.1	7.0	7.1	7.2	7.2	637	641	638	630	625	618	Nitesh	16/8/23	
17-08-23	48	46	47	46	46	46	7.3	7.2	7.1	7.2	7.1	7.0	630	640	635	638	641	632	Nitesh	17/8/23	
18-08-23	46	47	45	48	48	47	7.2	7.1	7.0	7.1	7.2	7.1	620	623	628	630	624	621	Nitesh	18/8/23	
19-08-23	47	48	46	46	47	46	7.3	7.2	7.1	7.2	7.1	7.0	644	639	637	631	625	630	Nitesh	19/8/23	
20-08-23	48	47	46	45	46	48	7.1	7.0	7.1	7.1	7.2	7.1	636	630	625	620	640	631	Nitesh	20/8/23	
21-08-23	46	45	47	46	47	46	7.2	7.1	7.2	7.1	7.1	7.0	600	621	609	602	618	621	Nitesh	21/8/23	
22-08-23	47	46	48	47	46	45	7.3	7.2	7.1	7.2	7.2	7.1	632	640	637	630	600	609	Nitesh	22/8/23	
23-08-23	48	47	46	48	48	48	7.2	7.1	7.0	7.1	7.0	7.1	617	674	668	671	659	661	Nitesh	23/8/23	
24-08-23	47	48	46	47	45	46	7.2	7.3	7.1	7.0	7.2	7.0	672	663	670	657	660	655	Nitesh	24/8/23	
25-08-23	45	47	48	47	48	45	7.2	7.1	7.0	7.1	7.3	7.2	659	653	651	670	665	628	Nitesh	25/8/23	
26-08-23	47	45	48	46	47	45	7.1	7.2	7.3	7.2	7.2	7.1	681	663	649	654	650	660	Nitesh	Sundays	
27-08-23	47	45	46	48	47	47	7.1	7.3	7.2	7.3	7.2	7.2	671	669	659	664	656	652	Nitesh	27/8/23	
28-08-23	45	47	45	47	46	48	7.0	7.2	7.1	7.0	7.1	7.2	638	670	648	651	660	665	Nitesh	28/8/23	
29-08-23	47	48	46	45	47	46	7.2	7.1	7.0	7.1	7.2	7.1	659	641	654	644	638	632	Nitesh	29/8/23	
30-08-23	48	47	45	48	46	47	7.1	7.0	7.2	7.0	7.1	7.2	635	629	632	627	639	635	Nitesh	30/8/23	
31-08-23	47	46	48	47	45	46	7.2	7.1	7.1	7.2	7.0	7.1	644	649	655	660	665	657	Nitesh	31/8/23	

Date .....

September 2023

Date .....

Date	Inlet water Flow M^3/Hr						Outlet PH Testing						Outlet TDS Testing						Checked by	Approved	Remarks
	10:00Am	2:00Pm	6:00Pm	10:00Pm	2:00Am	6:00Am	10:Am	2:00Pm	6:00Pm	10:00Pm	2:00Am	6:00Am	10:00Am	2:00Pm	6:00Pm	10:00Pm	2:00Am	6:00Am	Supervisor	by JE	
01-09-2023	46	45	46	47	45	46	7.1	7.0	7.1	7.2	7.1	7.0	671	663	659	652	647	644	Nitesh		
02-09-2023	47	46	45	47	44	45	7.0	7.1	7.2	7.3	7.2	7.2	674	660	652	640	637	641	Nitesh		
03-09-2023	48	46	45	46	48	47	7.2	7.0	7.1	7.2	7.1	7.2	678	681	677	669	659	663	Nitesh		
04-09-2023	46	45	45	46	47	48	7.1	7.2	7.1	7.1	7.0	7.0	659	653	642	638	651	657	Nitesh	Sunday	
05-09-2023	45	46	47	46	45	46	7.2	7.1	7.0	7.2	7.2	7.0	657	649	638	643	651	656	Nitesh		
06-09-2023	46	45	47	45	46	47	7.1	7.2	7.1	7.0	7.1	7.2	659	649	638	643	650	652	Nitesh		
07-09-2023	48	46	45	46	48	46	7.2	7.1	7.0	7.1	7.2	7.1	685	642	636	629	648	655	Nitesh	[redacted]	
08-09-2023	45	47	46	49	46	47	7.2	7.0	7.2	7.2	7.1	7.0	683	674	685	677	661	670	Nitesh	-9-20-	
09-09-2023	46	45	46	45	46	45	7.0	7.1	70	7.1	7.2	7.1	676	678	668	658	654	661	Nitesh	-9-20-	
10-09-2023	47	48	45	46	45	47	7.2	7.0	7.1	7.1	7.0	7.2	645	655	651	660	663	665	Nitesh	Sunday	
11-09-2023	45	46	48	45	44	46	7.0	7.1	7.0	7.2	7.0	7.2	690	685	692	688	670	660	Nitesh		
12-09-2023	47	45	46	48	47	48	7.1	7.2	7.0	7.2	7.1	7.0	671	659	663	648	651	654	Nitesh		
13-09-2023	45	46	47	45	48	47	7.2	7.0	7.1	7.1	7.2	7.1	660	679	683	668	641	648	Nitesh		
14-09-2023	46	45	45	47	46	48	7.2	7.1	7.0	7.2	7.0	7.2	691	683	674	682	661	633	Nitesh		
15-09-2023	49	47	46	45	47	48	7.0	7.1	7.1	7.1	7.2	7.1	652	661	668	671	675	655	Nitesh		
16-09-2023	46	48	47	48	46	47	7.2	7.0	7.2	7.0	7.1	7.0	651	658	662	667	681	650	Nitesh		
17-09-2023	45	44	46	45	47	46	7.0	7.1	7.0	7.1	7.2	7.1	663	657	642	654	641	661	Nitesh	Sunday	
18-09-2023	48	46	45	47	46	45	7.1	7.0	7.1	7.2	7.1	7.2	685	674	668	671	655	662	Nitesh		
19-09-2023	47	45	46	46	45	44	7.2	7.1	7.0	7.1	7.0	7.1	641	647	653	659	663	670	Nitesh		
20-09-2023	46	47	45	47	46	45	7.1	7.0	7.2	7.2	7.1	7.0	658	662	671	642	661	651	Nitesh		
21-09-2023	48	46	47	48	47	46	7.2	7.1	7.0	7.1	7.0	7.2	609	618	640	649	660	670	Nitesh		
22-09-2023	47	45	46	47	48	46	7.1	7.2	7.1	7.0	7.1	7.0	651	670	660	645	630	639	Nitesh		
23-09-2023	48	47	45	46	47	48	7.2	7.0	7.2	7.1	7.0	7.1	641	650	645	660	655	661	Nitesh		
24-09-2023	47	48	46	45	46	47	7.0	7.1	7.0	7.2	7.1	7.2	671	680	675	670	660	655	Nitesh	Sunday	
25-09-2023	47	45	47	48	46	45	7.2	7.0	7.2	7.1	7.0	7.1	660	691	681	675	681	671	Nitesh		
26-09-2023	45	48	46	47	48	46	7.0	7.1	7.1	7.0	7.1	7.0	691	695	682	671	660	665	Nitesh		
27-09-2023	46	47	48	46	47	45	7.1	7.0	7.2	7.1	7.2	7.1	677	681	656	649	655	661	Nitesh		
28-09-2023	47	48	46	47	46	44	7.2	7.1	7.0	7.2	7.1	7.0	671	655	663	658	654	650	Nitesh		
29-9-2023	47	45	47	46	47	45	7.0	7.3	7.1	7.1	7.3	7.2	629	649	654	661	655	671	Suryesh		
30-9-2023	47	48	46	47	48	45	7.2	7.0	7.1	7.1	7.2	7.1	661	652	660	663	651	667	Nitesh		
3																					

Date .....

OCTOBER 2023

Date .....

Date	Inlet water Flow M^3/HR						outlet PH testing						outlet TDS Testing						checked by	APPROVED by J.E.	REMARKS
	10.00 AM	2.00 PM	6.00 PM	10.00 PM	2.00 AM	6.00 AM	10.00 AM	2.00 PM	6.00 PM	10.00 AM	2.00 AM	6.00 AM	10.00 AM	2.00 PM	6.00 PM	10.00 PM	2.00 PM	6.00 AM	SUPERVISOR		
1 1-10-2023	48	46	45	45	47	48	7.1	7.1	7.0	7.2	7.2	7.0	638	644	653	658	691	670	Nitesh	—	
2 2-10-2023	46	45	47	46	48	46	7.1	7.0	7.2	7.1	7.2	7.2	668	654	653	667	662	670	Nitesh	—	
3 3-10-2023	47	48	46	45	47	48	7.2	7.0	7.1	7.3	7.0	7.1	659	672	661	677	689	667	Nitesh	3/10	
4 4-10-2023	46	47	45	48	46	46	7.2	7.0	7.2	7.1	7.0	7.1	65	661	631	644	630	660	Nitesh	4/10	
5 5-10-2023	47	48	46	45	47	48	7.2	7.2	7.3	7.0	7.0	7.2	671	653	642	630	651	657	Nitesh	5/10	
6 6-10-2023	46	48	47	45	48	47	7.1	7.0	7.2	7.1	7.1	7.1	661	651	671	688	633	645	Nitesh	6/10	
7 7-10-2023	45	47	46	45	48	46	7.0	7.2	7.0	7.0	7.2	7.0	691	649	662	674	655	671	Nitesh	7/10	
8 8-10-2023	45	47	46	47	45	47	7.2	7.1	7.2	7.1	7.2	7.1	691	649	654	651	677	695	Nitesh	Sunday	
9 9-10-2023	46	45	48	46	47	45	7.0	7.2	7.1	7.2	7.1	7.0	661	640	637	632	671	657	Nitesh	9/10	
10 10-10-2023	48	45	46	48	46	47	7.2	7.1	7.2	7.2	7.1	7.0	661	695	631	641	691	661	Nitesh	10/10	
11 11-10-2023	46	48	46	46	45	48	7.1	7.2	7.0	7.1	7.2	7.0	651	642	631	645	691	661	Nitesh	11/10	
12 12-10-2023	46	48	47	45	47	46	7.0	7.2	7.1	7.0	7.1	7.2	734	718	708	714	731	729	Nitesh	12/10	
13 13-10-2023	47	46	45	46	45	47	7.1	7.0	7.2	7.1	7.0	7.1	725	731	716	721	738	722	Nitesh	13/10	
14 14-10-2023	48	47	46	47	46	45	7.2	7.1	7.2	7.0	7.1	7.2	720	726	734	730	721	718	Nitesh	14/10	
15 15-10-2023	46	45	46	47	45	46	7.0	7.1	7.1	7.0	7.2	7.1	705	698	695	690	693	691	Nitesh	Sunday	
16 16-10-2023	45	46	45	46	47	45	7.1	7.0	7.1	7.2	7.3	7.2	670	665	667	659	670	668	Nitesh	16/10	
17 17-10-2023	47	48	46	47	46	47	7.2	7.1	7.0	7.1	7.0	7.1	671	649	648	641	638	631	Nitesh	17/10	
18 18-10-2023	46	45	47	48	47	46	7.1	7.0	7.2	7.1	7.2	7.0	659	671	660	689	667	660	Nitesh	18/10	
19 19-10-2023	48	46	45	46	48	47	7.0	7.1	7.0	7.3	7.1	7.2	671	653	642	635	655	647	Nitesh	19/10	
20 20-10-2023	49	47	46	47	45	46	7.2	7.1	7.2	7.2	7.1	7.1	661	649	651	658	665	667	Nitesh	20/10	
21 21-10-2023	47	48	46	48	46	47	7.2	7.1	7.3	7.1	7.0	7.1	650	662	657	651	649	650	Nitesh	21/10	
22 22-10-2023	46	47	48	45	47	49	7.1	7.2	7.1	7.1	7.0	7.2	638	641	651	657	660	671	Nitesh	Sunday	
23 23-10-2023	47	46	47	46	47	46	7.1	7.3	7.1	7.2	7.1	7.1	691	680	675	660	651	652	Nitesh	Holiday	
24 24-10-2023	48	45	46	45	46	44	7.0	7.1	7.2	7.1	7.2	7.3	668	651	657	661	665	670	Nitesh	Dushera	
25 25-10-2023	46	47	45	46	45	46	7.2	7.1	7.3	7.2	7.1	7.0	663	660	655	650	659	671	Nitesh	25/10pm	
26 26-10-2023	47	46	47	48	44	47	7.2	7.1	7.2	7.3	7.2	7.1	644	649	644	661	670	653	Nitesh	26/10	
27 27-10-2023	46	47	46	47	46	47	7.3	7.2	7.0	7.1	7.1	7.2	651	659	641	653	671	651	Nitesh	27/10	
28 28-10-2023	47	48	49	45	46	48	7.1	7.0	7.1	7.2	7.1	7.1	653	671	660	644	638	640	Nitesh	Holiday	
29 29-10-2023	45	47	46	46	47	46	7.2	7.1	7.1	7.1	7.2	7.2	645	659	655	651	657	661	Nitesh	Sunday	
30 30-10-2023	47	46	47	48	46	47	7.3	7.2	7.1	7.0	7.1	7.1	643	651	634	641	647	655	Nitesh	30/10	
31 31-10-2023	46	47	48	49	47	48	7.1	7.0	7.2	7.1	7.1	7.0	670	675	661	653	658	650	Nitesh	31/10	

Date .....

November - 2023

Date .....

Date	Inlet water Flow M³/HR						Outlet PH Testing					Outlet TDS Testing						Checked By	Approved	Remarks
	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	Supervisor	By JE	
1-11-2023	48	47	49	46	48	46	7.3	7.2	7.3	7.2	7.1	7.4	682	675	671	665	660	655	Nitesh		
2-11-2023	47	46	48	47	46	47	7.2	7.0	7.1	7.3	7.0	7.2	690	682	675	671	667	661	Nitesh		
3-11-2023	46	47	46	48	47	48	7.4	7.2	7.2	7.1	7.3	7.1	678	670	660	655	645	640	Nitesh		
4-11-2023	44	46	47	45	46	47	7.3	7.1	7.2	7.0	7.4	7.2	665	660	656	651	648	641	Nitesh		
5-11-2023	46	45	46	47	46	47	7.4	7.1	7.3	7.4	7.0	7.3	671	660	655	651	644	640	Nitesh	Sunday	
6-11-2023	48	47	48	46	45	46	7.2	7.0	7.1	7.5	7.1	7.5	661	655	651	645	641	638	Nitesh		
7-11-2023	49	48	47	46	47	48	7.4	7.3	7.2	7.4	7.1	7.1	678	661	650	644	638	639	Nitesh		
8-11-2023	48	49	48	47	46	47	7.2	7.1	7.3	7.1	7.2	7.3	691	683	675	670	660	655	Nitesh		
9-11-2023	47	48	46	47	47	46	7.3	7.2	7.1	7.2	7.3	7.2	682	670	661	657	651	645	Nitesh		
10-11-2023	48	46	47	46	47	48	7.2	7.3	7.2	7.3	7.0	7.1	659	651	657	650	644	640	Nitesh		
11-11-2023	47	45	46	48	47	46	7.5	7.4	7.1	7.1	7.1	7.2	688	680	670	665	661	657	Nitesh		
12-11-2023	48	48	47	48	47	46	7.4	7.3	7.2	7.0	7.4	7.3	691	683	688	678	671	667	Nitesh	Sunday	
13-11-2023	46	47	48	47	48	49	7.2	7.0	7.3	7.0	7.5	7.2	714	719	725	731	738	744	Nitesh		
14-11-2023	48	47	48	46	47	48	7.3	7.1	7.2	7.2	7.4	7.1	719	702	708	713	720	727	Nitesh		
15-11-2023	47	48	47	45	46	47	7.4	7.1	7.0	7.2	7.2	7.4	690	680	674	671	666	660	Nitesh		
16-11-2023	46	48	47	46	47	44	7.2	7.2	7.4	7.3	7.1	7.2	699	693	687	675	670	661	Nitesh		
17-11-2023	45	46	48	47	48	46	7.4	7.3	7.0	7.1	7.2	7.2	695	691	685	681	680	670	Nitesh		
18-11-2023	47	47	46	47	46	45	7.5	7.1	7.2	7.3	7.1	7.5	705	713	720	728	735	739	Nitesh		
19-11-2023	46	48	47	48	46	47	7.3	7.4	7.1	7.3	7.0	7.5	689	694	699	704	711	716	Nitesh	Sunday	
20-11-2023	48	47	48	46	47	47	7.1	7.3	7.3	7.0	7.1	7.2	707	715	719	724	740	738	Nitesh		
21-11-2023	47	46	49	48	48	46	7.2	7.5	7.2	7.4	7.1	7.1	718	713	706	711	719	723	Nitesh		
22-11-2023	46	47	48	46	47	47	7.1	7.1	7.3	7.3	7.0	7.3	681	670	662	669	680	688	Nitesh		
23-11-2023	47	45	47	46	46	48	7.2	7.4	7.1	7.1	7.2	7.3	667	661	657	651	644	660	Nitesh		
24-11-2023	48	47	46	45	46	48	7.0	7.2	7.0	7.2	7.3	7.0	699	690	681	675	671	660	Nitesh		
25-11-2023	48	47	45	44	45	47	7.3	7.4	7.2	7.0	7.2	7.2	690	681	674	670	666	660	Nitesh		
26-11-2023	47	47	46	45	48	46	7.1	7.2	7.1	7.1	7.0	7.1	695	690	688	680	675	678	Nitesh	Sunday	
27-11-2023	47	48	47	46	48	47	7.2	7.3	7.2	7.3	7.4	7.3	710	713	702	706	715	718	Nitesh	HLD	
28-11-2023	46	48	46	47	47	46	7.4	7.4	7.3	7.4	7.2	7.0	705	700	695	690	703	710	Nitesh		
29-11-2023	46	47	47	48	46	46	7.3	7.4	7.2	7.3	7.1	7.2	690	694	699	701	709	700	Nitesh		
30-11-2023	47	48	46	47	45	48	7.2	7.1	7.1	7.5	7.0	7.1	696	690	695	688	684	680	Nitesh		

Date .....

December 2023

Date .....

Date	inlet water Flow m^3/Hr						Outlet PH Testing					Outlet TDS Testing						Checked	Approved	Remarks
	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	By Supervisor	BY JE	
1-12-23	46	48	47	49	46	47	7.1	7.2	7.0	7.1	7.3	7.2	710	702	711	720	728	733	Nitesh		
2-12-23	48	46	48	47	46	46	7.2	7.1	7.2	7.0	7.2	7.1	718	706	716	723	719	723	Nitesh		
3-12-23	47	45	46	45	47	45	7.3	7.2	7.3	7.1	7.0	7.3	690	699	705	715	703	708	Nitesh	Sunday	
4-12-23	45	47	47	46	46	47	7.1	7.3	7.1	7.2	7.1	7.0	699	711	700	690	683	678	Nitesh		
5-12-23	49	46	48	47	47	46	7.2	7.1	7.2	7.1	7.2	7.1	667	680	672	678	683	689	Nitesh		
6-12-23	48	46	47	48	46	47	7.0	7.2	7.0	7.2	7.1	7.2	657	660	657	651	645	641	Nitesh		
7-12-23	46	48	45	46	45	46	7.1	7.0	7.1	7.0	7.3	7.1	680	671	666	659	651	644	Nitesh		
8:12-23	45	47	46	47	46	47	7.3	7.1	7.2	7.1	7.2	7.3	695	688	680	677	671	667	Nitesh		
9:12-23	47	46	47	48	45	48	7.2	7.3	7.1	7.0	7.4	7.2	671	677	670	665	660	653	Nitesh		
10-12-23	46	48	48	49	47	46	7.3	7.1	7.3	7.2	7.3	7.1	660	666	660	661	652	648	Nitesh	Sunday	
11-12-23	46	45	46	47	46	47	7.2	7.0	7.1	7.0	7.1	7.0	655	665	659	651	644	641	Nitesh		
12-12-23	47	47	49	47	48	46	7.1	7.1	7.0	7.1	7.0	7.3	670	677	670	663	655	649	Nitesh		
13-12-23	48	48	46	48	49	48	7.0	7.2	7.2	7.3	7.2	7.1	678	681	672	679	681	687	Nitesh		
14-12-23	49	44	47	46	48	47	7.4	7.3	7.1	7.4	7.1	7.2	660	668	661	652	647	640	Nitesh		
15-12-23	45	47	48	46	47	46	7.3	7.2	7.0	7.2	7.0	7.3	698	691	683	677	670	666	Nitesh		
16-12-23	46	47	49	45	46	47	7.2	7.1	7.2	7.3	7.1	7.1	685	680	688	693	696	701	Nitesh		
17-12-23	47	46	46	47	46	45	7.1	7.2	7.3	7.4	7.2	7.3	670	670	677	671	663	658	Nitesh	Sunday	
18-12-23	48	46	45	48	45	46	7.2	7.0	7.2	7.1	7.3	7.1	659	663	655	649	641	635	Nitesh		
19-12-23	49	47	46	48	45	47	7.3	7.4	7.1	7.2	7.1	7.0	681	688	693	700	711	716	Nitesh		
20-12-23	47	45	47	48	49	46	7.2	7.3	7.1	7.0	7.2	7.1	694	691	681	674	662	654	Nitesh		
21-12-23	45	46	48	46	47	48	7.4	7.2	7.0	7.1	7.1	7.2	678	671	664	658	648	640	Nitesh		
22-12-23	47	47	48	46	47	46	7.1	7.1	7.3	7.2	7.3	7.3	670	680	671	662	655	650	Nitesh		
23-12-23	44	45	46	47	48	47	7.2	7.2	7.1	7.0	7.2	7.2	661	671	680	688	689	700	Nitesh		
24-12-23	47	46	45	47	46	45	7.4	7.4	7.0	7.1	7.4	7.0	653	658	651	644	639	635	Nitesh	Sunday	
25-12-23	46	47	46	49	48	46	7.3	7.0	7.1	7.2	7.3	7.1	658	651	658	664	671	680	Nitesh	HLD	
26-12-23	48	48	47	48	47	48	7.0	7.2	7.2	7.1	7.2	7.3	674	679	690	699	710	718	Nitesh		
27-12-23	49	48	46	47	46	47	7.1	7.1	7.4	7.0	7.1	7.2	683	689	700	713	720	729	Nitesh		
28-12-23	47	46	48	46	47	46	7.2	7.0	7.3	7.2	7.0	7.1	690	696	705	714	726	733	Nitesh		
29-12-23	47	45	46	45	46	47	7.1	7.2	7.1	7.1	7.2	7.3	700	711	719	725	721	730	Nitesh		
30-12-23	48	46	47	46	48	45	7.0	7.1	7.2	7.0	7.1	7.3	715	719	726	731	738	742	Nitesh		
31-12-23	46	47	45	48	47	46	7.0	7.0	7.1	7.2	7.3	7.1	710	700	716	711	719	724	Nitesh	Sunday	

Date .....

January 2024

Date .....

Date	Inlet water Flow M³/HR						Outlet PH Testing						Outlet TDS Testing						Checked & Supervisor	Approved By JE	Remarks
	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am			
1-1-2024	48	47	48	46	47	46	7.3	7.2	7.1	7.2	7.3	7.0	661	667	671	673	680	685	Nitesh		
2-1-2024	47	46	47	48	46	47	7.2	7.3	7.0	7.1	7.1	7.2	667	669	684	673	671	662	Nitesh		
3-1-2024	47	45	46	47	47	46	7.0	7.1	7.2	7.2	7.0	7.1	695	681	680	668	690	688	Nitesh		
4-1-2024	46	47	45	46	48	47	7.2	7.1	7.1	7.3	7.2	7.3	672	677	682	685	693	679	Nitesh		
5-1-2024	45	48	47	45	46	48	7.1	7.0	7.3	7.4	7.1	7.1	684	680	677	670	666	660	Nitesh		
6-1-2024	47	47	48	49	48	46	7.3	7.2	7.1	7.3	7.1	7.2	669	661	657	651	647	640	Nitesh	Sunday	
7-1-2024	46	48	46	47	46	47	7.2	7.0	7.4	7.4	7.2	7.1	682	677	670	662	655	650	Nitesh	Sunday	
8-1-2024	48	47	45	46	47	48	7.1	7.3	7.2	7.1	7.1	7.0	664	660	653	659	667	671	Nitesh		
9-1-2024	49	46	47	48	48	46	7.2	7.4	7.9	7.2	7.2	7.2	659	651	646	661	671	675	Nitesh		
10-1-2024	46	45	46	47	45	47	7.1	7.4	7.1	7.3	7.3	7.1	669	677	681	688	690	696	Nitesh		
11-1-2024	45	46	47	46	47	46	7.0	7.3	7.0	7.0	7.1	7.0	681	687	690	695	699	701	Nitesh		
12-1-2024	46	47	46	47	48	45	7.3	7.2	7.1	7.1	7.2	7.2	664	658	661	665	671	678	Nitesh		
13-1-2024	47	45	47	46	46	47	7.2	7.1	7.4	7.1	7.1	7.3	684	678	682	687	691	698	Nitesh	Sunday	
14-1-2024	48	44	46	48	47	48	7.3	7.0	7.4	7.2	7.2	7.0	690	688	692	696	700	705	Nitesh	Sunday	
15-1-2024	46	45	47	46	48	46	7.0	7.0	7.3	7.2	7.3	7.1	718	705	711	703	709	714	Nitesh		
16-1-2024	48	46	48	47	46	47	7.1	7.1	7.2	7.3	7.1	7.2	699	696	703	709	713	718	Nitesh		
17-1-2024	47	48	49	47	45	48	7.2	7.2	7.1	7.4	7.2	7.0	731	721	715	721	727	733	Nitesh		
18-1-2024	46	47	49	48	47	46	7.3	7.3	7.2	7.4	7.3	7.3	700	710	715	726	731	736	Nitesh		
19-1-2024	45	46	47	46	45	48	7.1	7.1	7.3	7.3	7.1	7.1	690	700	706	712	719	725	Nitesh		
20-1-2024	48	49	48	47	46	47	7.0	7.4	7.1	7.2	7.0	7.2	677	685	691	700	708	716	Nitesh	Sunday	
21-1-2024	47	48	46	44	47	45	7.0	7.3	7.2	7.1	7.1	7.3	651	680	682	690	701	707	Nitesh	Sunday	
22-1-2024	46	47	46	45	47	48	7.2	7.1	7.1	7.1	7.2	7.1	658	665	672	680	689	696	Nitesh		
23-1-2024	46	45	47	46	48	46	7.3	7.0	7.2	7.2	7.2	7.0	650	657	661	670	678	684	Nitesh		
24-1-2024	48	47	46	46	48	45	7.3	7.0	7.4	7.3	7.3	7.2	665	671	678	685	689	693	Nitesh		
25-1-2024	45	46	45	47	46	45	7.1	7.1	7.2	7.1	7.0	7.1	670	677	683	689	695	702	Nitesh		
26-1-2024	49	45	46	46	47	48	7.1	7.2	7.3	7.2	7.0	7.0	682	687	693	700	709	717	Nitesh		
27-1-2024	48	47	45	46	48	47	7.4	7.3	7.1	7.4	7.1	7.3	695	690	698	710	719	729	Nitesh	Sunday	
28-1-2024	47	48	47	48	47	46	7.3	7.1	7.2	7.3	7.2	7.4	700	710	716	722	730	738	Nitesh	Sunday	
29-1-2024	46	47	48	49	46	48	7.2	7.0	7.1	7.2	7.1	7.1	715	721	718	725	731	739	Nitesh		
30-1-2024	48	48	46	47	49	46	7.1	7.3	7.2	7.2	7.4	7.2	711	716	719	729	738	740	Nitesh		
31-1-2024	45	47	45	47	45	48	7.0	7.2	7.1	7.1	7.2	7.0	700	705	709	718	711	719	Nitesh		

Date .....

February 2024

Date	inlet water Flow M^3/HR						outlet PH Testing					
	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am
1-2-2024	47	46	47	46	45	46	7.2	7.3	7.1	7.3	7.2	7.1
2-2-2024	47	46	47	48	47	46	7.3	7.1	7.0	7.2	7.1	7.0
3-2-2024	48	49	48	47	45	47	7.4	7.3	7.2	7.1	7.2	7.3
4-2-2024	46	48	46	48	46	47	6.9	7.0	7.1	7.2	7.2	7.1
5-2-2024	45	47	45	46	47	48	6.9	7.1	7.0	7.1	7.3	7.2
6-2-2024	46	47	47	46	48	46	7.0	7.2	7.1	7.0	7.2	7.1
7-2-2024	47	46	47	48	47	45	7.0	7.1	7.2	7.4	7.3	7.2
8-2-2024	48	47	48	47	46	47	7.1	7.0	7.3	7.2	7.1	7.2
9-2-2024	48	47	49	48	46	45	7.2	7.1	7.1	7.0	7.2	7.3
10-2-2024	47	46	47	46	47	46	7.3	7.1	7.3	7.3	7.1	7.2
11-2-2024	46	45	46	45	47	48	7.3	7.2	7.0	7.2	7.1	7.1
12-2-2024	46	46	48	45	46	47	7.4	7.2	7.0	7.1	7.0	7.2
13-2-2024	47	48	47	46	48	47	7.2	7.1	7.1	7.0	7.1	7.3
14-2-2024	45	46	47	48	46	48	7.1	7.2	7.2	7.3	7.2	7.1
15-2-2024	46	47	48	46	47	45	7.1	7.2	7.0	7.1	7.2	7.3
16-2-2024	48	47					7.2	7.3				
17-2-2024	47	46					7.1	7.2				
18-2-2024	47	48					7.1	7.0				
19-2-2024												
20-2-2024												
21-2-2024												
22-2-2024												
23-2-2024	49	47	48	49	46	47	7.3	7.2	7.0	7.1	7.1	7.2
24-2-2024	48	46	47	46	47	46	7.2	7.0	7.1	7.3	7.2	7.0
25-2-2024	48	47	48	48	46	47	7.1	7.2	7.2	7.0	7.1	7.1
26-2-2024	47	48	46	47	45	46	7.0	7.2	7.1	7.2	7.3	7.2
27-2-2024	46	48	47	46	46	47	7.4	7.3	7.0	7.1	7.2	7.3
28-2-2024	47	46	47	48	45	48	7.1	7.0	7.2	7.2	7.1	7.2
29-2-2024	48	47	45	46	47	46	7.0	7.1	7.3	7.1	7.0	7.1

UNDER MAINTENANCE

Date .....

Outlet TDS Testing						Checked By	Approved	Remarks
10:00 Am	2:00 pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	Supervisor	BY J.E	
691	685	696	670	689	677	Nitesh		
672	681	680	688	679	690	Nitesh		
689	678	690	687	670	678	Nitesh		
691	699	705	711	716	722	Nitesh	Sunday	
698	691	700	708	714	720	Nitesh		
670	680	690	700	705	711	Nitesh		
655	659	665	671	678	684	Nitesh		
670	678	685	690	694	699	Nitesh		
679	680	689	691	699	702	Nitesh		
690	699	700	706	712	719	Nitesh		
660	671	677	688	692	697	Nitesh	Sunday	
651	657	654	651	644	640	Nitesh		
680	686	692	700	704	711	Nitesh		
695	699	703	709	716	723	Nitesh		
690	698	693	687	680	673	Nitesh		
699	701					Nitesh		
680	687					Nitesh		
677	670					Nitesh	Sunday	
688	693	701	710	718	726	Nitesh		
670	675	681	688	693	700	Nitesh		
660	667	672	679	684	690	Nitesh	Sunday	
651	656	659	665	671	679	Nitesh		
644	641	638	634	630	626	Nitesh		
640	636	631	641	647	651	Nitesh		
633	637	642	648	653	659	Nitesh		

U. M'

Date .....

March 2024

Date	Inlet water Flow M^3/Hr						Outlet PH Testing					
	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am
1-3-2024	48	47	46	47	48	46	7.2	7.1	7.3	7.1	7.0	7.1
2-3-2024	47	48	47	46	47	48	7.3	7.2	7.1	7.0	7.2	7.0
3-3-2024	46	46	48	47	46	47	7.1	7.0	7.0	7.4	7.1	7.0
4-3-2024	47	45	46	45	47	46	7.0	7.1	7.2	7.3	7.2	7.3
5-3-2024	48	47	46	47	46	45	7.1	7.3	7.3	7.0	7.1	7.2
6-3-2024	46	48	47	46	45	46	7.2	7.2	7.1	7.2	7.3	7.1
7-3-2024	47	47	46	47	46	47	7.3	7.1	7.0	7.1	7.2	7.2
8-3-2024	47	46	45	48	45	48	7.1	7.0	7.2	7.0	7.1	7.3
9-3-2024	48	47	48	47	46	47	7.0	7.2	7.3	7.2	7.0	7.1
10-3-2024	45	48	47	46	47	46	7.2	7.1	7.1	7.0	7.2	7.0
11-3-2024	46	47	46	47	46	47	7.3	7.3	7.0	7.1	7.3	7.3
12-3-2024	47	46	47	46	47	46	7.1	7.0	7.2	7.3	7.2	7.2
13-3-2024	46	47	48	47	46	48	7.0	7.1	7.3	7.2	7.1	7.1
14-3-2024	48	46	47	46	47	46	7.2	7.3	7.1	7.2	7.0	7.0
15-3-2024	47	45	46	47	46	45	7.3	7.2	7.0	7.1	7.2	7.1
16-3-2024	49	48	47	48	47	46	7.2	7.1	7.2	7.0	7.1	7.0
17-3-2024	48	47	46	47	48	47	7.1	7.4	7.3	7.1	7.0	7.2
18-3-2024	47	46	47	46	47	46	7.0	7.2	7.2	7.0	7.3	7.2
19-3-2024	45	45	48	47	46	47	7.2	7.3	7.1	7.2	7.1	7.1
20-3-2024	46	47	46	45	46	48	7.3	7.1	7.0	7.1	7.4	7.0
21-3-2024	47	46	47	46	47	46	7.1	7.2	7.1	7.2	7.3	7.3
22-3-2024	46	48	47	46	48	47	7.0	7.3	7.2	7.3	7.1	7.2
23-3-2024	47	49	48	47	46	48	7.0	7.1	7.3	7.2	7.0	7.1
24-3-2024	45	47	46	47	48	46	7.3	7.2	7.0	7.1	7.2	7.2
25-3-2024	46	46	45	46	46	47	7.2	7.4	7.1	7.2	7.3	7.0
26-3-2024	47	48	47	46	45	46	7.1	7.0	7.2	7.3	7.2	7.1
27-3-2024	48	45	44	47	46	48	7.2	7.3	7.4	7.1	7.2	7.3
28-3-2024	47	46	48	45	47	46	7.0	7.1	7.2	7.3	7.1	7.0
29-3-2024	48	47	46	44	46	45	7.1	7.2	7.1	7.0	7.2	7.1
30-3-2024	47	45	46	43	45	44	7.2	7.1	7.0	7.2	7.1	7.2
31-3-2024	45	46	45	47	49	45	7.0	7.1	7.1	7.0	7.2	7.1

Date .....

Outlet TDS Testing						Checked By	APProved	Remarks
10:00 Am	2:00 Pm	6:00 Pm	10:00 Pm	2:00 Am	6:00 Am	Supervisor	By J.E	
688	696	671	679	686	691	Nitesh		
675	679	684	689	694	699	Nitesh		
661	667	673	679	684	690	Nitesh	Sunday	
657	651	647	641	639	633	Nitesh	HLD	
641	645	649	653	658	664	Nitesh		
651	659	671	678	681	688	Nitesh		
671	679	686	693	699	703	Nitesh		
663	669	674	681	689	695	Nitesh	HLD	
670	667	669	677	681	688	Nitesh		
650	656	662	671	678	682	Nitesh	Sunday	
700	710	715	721	728	733	Nitesh		
710	716	721	726	731	739	Nitesh		
685	689	693	699	703	711	Nitesh		
638	644	641	650	657	662	Nitesh		
631	628	636	641	646	651	Nitesh		
640	646	649	654	660	665	Nitesh		
630	633	639	644	650	655	Nitesh	Sunday	
642	649	654	662	668	672	Nitesh		
651	657	662	668	672	680	Nitesh		
668	670	673	667	670	681	Nitesh		
684	667	700	689	668	660	Nitesh		
662	680	689	678	691	684	Nitesh		
669	660	657	651	640	640	Nitesh		
690	696	700	710	716	722	Nitesh	Sunday	
698	700	706	709	714	719	Nitesh	HLD	
673	660	710	700	671	678	Nitesh		
681	671	672	678	668	660	Nitesh		
691	694	699	703	710	715	Nitesh		
700	710	690	683	678	670	Nitesh		
665	661	687	691	672	659	Nitesh		
672	654	661	670	663	669	Nitesh	Sunday	

Date .....

Waste to Energy plant

Log Book

Certified that this register contains Pages from 01 to 139 (One to One hundred thirty nine only).

JE(C)
02/01/2023

AE(Civil)
02/01/2023

2/1/23
(PO(STG))

Date .....

Date	PH	PH 4.4	Food Received (kg)	Food Reject (kg)	Food PH	Temp (°c)	Actual Feeding: Food	SBC	CS	Water	Generator Running: Initial	Final
01/01/23	8.37	35.9	171	1	5.69	35°	160	0	0	15 l.	1779.8	1782.2
02/01/23	8.45	36.3	174	1	6.17	35°	160	0	0	15 l.	1782.2	1784.7
03/01/23	8.46	36.2	155	1	6.55	35°	170	0	0	15 l.	1784.7	1787.2
04/01/23	8.39	36.0	147	1	5.81	35°	170	0	0	15 l.	1787.2	1789.6
05/01/23	8.60	36.2	188	1	5.57	35°	170	0	0	20 l.	1789.6	1792.0
06/01/23	8.54	36.1	192	2	6.19	35°	180	0	0	20 l.	1792.0	1794.5
07/01/23	8.71	36.2	207	2	5.58	35°	180	0	0	20 l.	1794.5	1797.1
08/01/23	8.75	36.2	215	2	5.60	34°	200	0	0	15 l.	1797.1	1799.7
09/01/23	8.64	36.1	180	1	6.24	34°	200	0	0	20 l.	1799.7	1802.3
10/01/23	8.69	36.3	254	2	6.09	34°	220	0	0	20 l.	1802.3	1804.8
11/01/23	8.77	36.1	240	1	5.81	34°	220	0	0	20 l.	1804.8	1807.5
12/01/23	8.72	36.2	251	4	5.69	35°	240	0	0	30 l.	1807.5	1810.4
13/01/23	8.81	36.2	415	3	5.27	35°	260	0	0	20 l.	1810.4	1813.3
14/01/23	8.74	36.0	280	1	6.12	34°	260	0	0	20 l.	1813.3	1816.4
15/01/23	8.66	36.1	340	2	5.71	35°	280	0	0	20 l.	1816.4	1819.4
16/01/23	8.87	36.2	365	3	5.34	35°	300	0	0	30 l.	1819.4	1822.5
17/01/23	8.80	36.3	341	3	5.44	35°	320	0	0	30 l.	1822.5	1825.7
18/01/23	8.93	36.3	377	1	6.27	34°	320	0	0	20 l.	1825.7	1828.8
19/01/23	8.92	36.2	316	1	5.59	34°	340	0	0	20 l.	1828.8	1832.1
20/01/23	8.88	36.1	310	1	6.10	34°	340	0	0	20 l.	1832.1	1835.2
21/01/23	9.04	36.4	424	2	6.35	35°	350	0	0	30 l.	1835.2	1838.1
22/01/23	8.97	36.2	320	1	5.78	34°	350	0	0	20 l.	1838.1	1841.2
23/01/23	9.07	36.3	458	2	5.59	35°	380	0	0	30 l.	1841.2	1844.4
24/01/23	9.14	36.3	440	2	5.81	36°	400	0	0	30 l.	1844.4	1847.5
25/01/23	9.10	36.4	465	3	6.24	36°	400	0	0	30 l.	1847.5	1850.7
26/01/23	8.98	36.2	420	3	5.96	36°	400	0	0	30 l.	1850.7	1854.0
27/01/23	9.11	36.4	530	2	5.64	38°	440	0	0	30 l.	1854.0	1857.4
28/01/23	9.07	36.5	517	2	6.37	39°	440	0.50	0	30 l.	1857.4	1860.8
29/01/23	8.89	36.3	545	3	6.19	39°	450	0.50	0	30 l.	1860.8	1864.1
30/01/23	9.04	36.4	560	2	5.81	39°	450	0.40	0	40 l.	1864.1	1867.5
31/01/23	8.40	36.0	520	3	5.96	39°	480	0.40	0	40 l.	1867.5	1870.9

January, 2023

WTEP

Date .....

Time (Hr)	Power Generated: Initial	Final	Unit (KWh)	Disposal (Kg)	Remarks	Checked by Supervisor	Approved by JE
2.40	4137.2	4140.6	3.40			Fabra	—
2.50	4140.6	4144.1	3.50	350 kg.		Fabra	Sunday —
2.50	4144.1	4147.6	3.50			Fabra	"
2.40	4147.6	4151.0	3.40	350 kg.		Fabra	"
2.40	4151.0	4154.6	3.60			Fabra	"
2.50	4154.6	4158.2	3.60			Fabra	"
2.60	4158.2	4161.9	3.70	550 kg.		Fabra	"
2.60	4161.9	4165.6	3.70			Fabra	Sunday —
2.60	4165.6	4169.4	3.80	400 kg.		Fabra	"
2.50	4169.4	4173.2	3.80			Fabra	"
2.70	4173.2	4176.9	3.70	350 kg.		Fabra	"
2.90	4176.9	4180.7	3.80			Fabra	"
2.90	4180.7	4184.6	3.90	400 kg.		Fabra	"
3.10	4184.6	4188.7	4.10			Fabra	"
3.00	4188.7	4192.7	4.00	350 kg.		Fabra	Sunday.
3.10	4192.7	4196.4	3.70			Fabra	"
3.20	4196.4	4200.1	3.70			Fabra	"
3.10	4200.1	4204.0	3.90	600 kg.		Fabra	"
3.30	4204.0	4208.1	4.10			Fabra	"
3.10	4208.1	4211.9	3.80	500 kg.		Fabra	"
2.90	4211.9	4215.8	3.90			Fabra	"
3.10	4215.8	4219.9	4.10	650 kg.		Fabra	Sunday.
3.20	4219.9	4223.9	4.00			Fabra	"
3.10	4223.9	4227.8	3.90	400 kg.		Fabra	"
3.20	4227.8	4231.9	4.10	350 kg.		Fabra	"
3.30	4231.9	4235.9	4.00			Fabra	"
3.40	4235.9	4239.8	3.90	500 kg.		Fabra	"
3.40	4239.8	4243.9	4.10	450 kg.		Fabra	Sunday.
3.30	4243.9	4247.8	3.90	500 kg.		Fabra	30/01/25
3.40	4247.8	4252.0	4.20			Fabra	31/01/25
3.40	4252.0	4256.3	4.30	600 kg.			

Date .....

Date	PH	PH 4.4	Food Received (Kg)	Food Reject (Kg)	Food PH	Temp (°c)	Actual Feeding Food	SBC	CS	Water	Generator Running Initial	Final
01/02/23	8.19	36.1	520	2	5.37	39°c	450	0.30	0	40 l.	1870.9	1874.4
02/02/23	8.27	36.2	541	2	5.78	39°c	450	0.30	0	40 l.	1874.4	1876.8
03/02/23	8.21	36.2	440	2	5.65	39°c	400	0.30	0	40 l.	1876.8	1878.9
04/02/23	7.89	35.8	427	1	5.74	39°c	400	0.20	0	40 l.	1878.9	1881.1
05/02/23	7.93	35.7	464	3	6.22	39°c	420	0.20	0	40 l.	1881.1	1883.2
06/02/23	7.69	35.8	410	2	5.91	39°c	420	0.20	0	40 l.	1883.2	1885.4
07/02/23	7.73	35.9	370	2	5.68	39°c	400	0	0	30 l.	1885.4	1887.6
08/02/23	7.54	35.7	420	2	6.07	39°c	400	0	0	30 l.	1887.6	1890.0
09/02/23	7.44	35.8	390	2	6.28	39°c	380	0	0	30 l.	1890.0	1892.5
10/02/23	7.51	35.6	370	3	5.96	39°c	380	0	0	30l.	1892.5	1895.4
11/02/23	7.62	35.7	410	2	6.11	38°c	400	0	0	30l.	1895.4	1898.1
12/02/23	7.58	35.7	420	2	6.19	39°c	400	0	0	30l.	1898.1	1900.9
13/02/23	7.74	35.8	405	1	5.59	39°c	400	0	0	30l.	1900.9	1903.8
14/02/23	7.71	35.9	385	3	5.85	38°c	400	0	0	30l.	1903.8	1906.9
15/02/23	7.76	35.6	430	3	5.44	38°c	400	0	0	30l.	1906.9	1910.1
16/02/23	7.82	35.6	460	2	6.08	38°c	420	0	0	30l.	1910.1	1913.3
17/02/23	7.80	35.7	425	1	6.17	39°c	420	0	0	30l.	1913.3	1916.6
18/02/23	7.85	35.8	433	2	5.77	39°c	420	0	0	30l.	1916.6	1919.8
19/02/23	7.78	35.7	451	2	5.95	39°c	430	0	0	30l.	1919.8	1923.2
20/02/23	7.79	35.7	445	3	6.33	38°c	430	0	0	30l.	1923.2	1926.2
21/02/23	7.67	35.6	421	3	6.12	39°c	430	0	0	30l	1926.2	1929.4
22/02/23	7.65	35.9	430	2	5.64	38°c	430	0	0	30l	1929.4	1932.6
23/02/23	7.63	35.8	455	2	5.91	38°c	430	0	0	30l	1932.6	1935.9
24/02/23	7.73	35.9	442	3	6.07	39°c	430	0	0	30l	1935.9	1939.3
25/02/23	7.88	36.1	410	1	5.57	39°c	430	0	0	20l	1939.3	1942.7
26/02/23	7.82	36.1	407	2	5.76	38°c	430	0	0	30l	1942.7	1946.2
27/02/23	7.75	36.2	405	1	5.80	39°c	420	0	0	20l	1946.2	1949.6
28/02/23	7.61	36.0	424	2	6.07	39°c	420	0.200	0	40 l.	1949.6	1952.9

February, 2023

Date .....

Time (Hr)	Power Generated Initial	Final	Unit (Kwh)	Disposal (Kg)	checked by Supervisor	Approved by JE	Remarks
3.50	4256.3	4260.6	4.30		Jatin	01/02	
2.40	4260.6	4264.1	3.50	500 kg.	Jatin	02/02	Kindly clean the disposal
2.10	4264.1	4267.4	3.30		Jatin	03/02	
2.20	4267.4	4270.7	3.30	500 kg.	Jatin	04/02	Kindly clean the disposal
2.10	4270.7	4273.9	3.20		Jatin	— Sundays —	
2.20	4273.9	4277.2	3.30	600 kg.	Jatin	06/02	
2.20	4277.2	4280.3	3.10		Nitesh	07/02	
2.40	4280.3	4283.7	3.40	550 kg	Nitesh	08/02	Kindly clean the disposal
2.50	4283.7	4287.1	3.40		Nitesh	09/02	
2.90	4287.1	4290.9	3.80	600 kg	Nitesh	10/2	
2.70	4290.9	4294.6	3.70		Nitesh	11/02	
2.80	4294.6	4298.5	3.90	500 kg	Nitesh	Sunday	Kindly clean the disposal
2.90	4298.5	4302.1	3.60		Nitesh	13/2/24	
3.10	4302.1	4306.00	3.90	500 kg	Nitesh	14/2/24	
3.20	4306.0	4310.0	4.0		Nitesh	15/2/24	
3.20	4310.0	4313.9	3.90	600 kg	Nitesh	16/2	Kindly clean the disposal
3.30	4313.9	4317.7	3.80		Nitesh	17/2	
3.20	4317.7	4321.8	4.10	550 kg	Nitesh	18/2	Kindly clean the plant
3.40	4321.8	4325.7	3.90		Nitesh	Sunday	
3.00	4325.7	4329.9	4.20	500 kg	Nitesh	20/2/24	
3.20	4329.9	4334.0	4.10		Nitesh	21/2	
3.20	4334.0	4338.3	4.30	600 kg	Nitesh	22/2	Kindly clean the plant
3.30	4338.3	4342.6	4.30		Nitesh	23/2	
3.40	4342.6	4346.8	4.20	550 kg	Nitesh	24/2/2	Kindly clean the plant
3.40	4346.8	4350.9	4.10		Nitesh	25/2	
3.50	4350.9	4355.4	4.50	500 kg	Nitesh	Sunday	Kindly clean the plant
3.40	4355.4	4359.9	4.50		Nitesh	27/2/24	
3.30	4359.9	4364.1	4.20	550 kg.		28/2/24	

Date .....

March, 2023

Date .....

Date	PH	PH 4:4	Food Received (Kg)	Food Reject (Kg)	Actual Feeding: Food PH	Temp (°c)	Food	SBC	CS	Water	Generator Running: Initial	Final	Time (Hr)	Power Generated: Initial	Final	Unit (Kwh)	Disposal (Kg)	Checked by Supervisor	Approved by JE	Remarks
01/03/23	7.19	36.1	427	2	5.33	38°c	400	0.200	0	40l.	1952.9	1956.2	3.30	4364.1	4368.4	4.30	300 kg.	Fatma	01/3	Cleaning Work
02/03/23	7.27	35.7	385	3	5.58	38°c	400	0.200	0	40l.	1956.2	1959.6	3.40	4368.4	4372.6	4.20		Fatma	02/3	—
03/03/23	7.49	35.9	391	2	5.41	39°c	380	0.200	0	40l.	1959.6	1963.0	3.40	4372.6	4376.6	4.00	550 kg.	Fatma	03/3	—
04/03/23	7.51	35.8	445	2	6.24	39°c	380	0.200	0	40 l.	1963.0	1966.0	3.30	4376.6	4380.5	3.90		Fatma	04/3	Cleaning Work
05/03/23	7.46	36.2	360	3	5.95	39°c	360	0.200	0	40l.	1966.0	1969.5	3.50	4380.5	4384.4	3.90	600 kg.	Fatma	Sunday.	—
06/03/23	7.24	35.9	290	2	5.40	38°c	330	0.200	0	30l.	1969.5	1972.9	3.40	4384.4	4388.5	4.10		Fatma	05/3	—
07/03/23	7.14	35.8	230	1	5.19	38°c	250	0.200	0	30l.	1972.9	1976.3	3.40	4388.5	4392.7	4.20	500 kg.	Fatma	07/3	Cooler may not in use
08/03/23	7.18	35.7	190	1	6.08	39°c	220	0.200	0	30l.	1976.3	1979.8	3.50	4392.7	4396.7	4.00		Fatma	Holi	—
09/03/23	7.31	35.7	180	1	5.98	38°c	200	0.200	0	20l.	1979.8	1983.0	3.20	4396.7	4400.5	3.80	300 kg.	Fatma	09/3	—
10/03/23	7.50	36.0	220	2	6.11	39°c	200	0	0	20l.	1983.0	1986.4	3.40	4400.5	4404.6	4.10		Fatma	10/3	—
11/03/23	7.44	35.8	210	1	6.24	40°c	200	0	0	20l.	1986.4	1989.7	3.30	4404.6	4408.8	4.20		Fatma	11/3	Clean the site
12/03/23	7.61	35.9	230	2	5.76	40°c	220	0	0	30 l.	1989.7	1992.8	3.10	4408.8	4412.6	3.80	450 kg.	Fatma	Sunday.	—
13/03/23	7.58	35.8	220	1	6.21	40°c	220	0.200	0	40 l.	1992.8	1996.2	3.40	4412.6	4416.7	4.10		Fatma	13/3	—
14/03/23	7.81	36.0	285	2	5.78	39°c	240	0.200	0	40 l.	1996.2	1999.4	3.20	4416.7	4420.7	4.00		Fatma	14/3	—
15/03/23	7.92	36.1	320	1	5.59	39°c	240	0	0	30 l.	1999.4	2002.9	3.50	4420.7	4425.0	4.30	500 kg.	Fatma	15/3	—
16/03/23	7.66	35.7	338	1	5.87	38°c	260	0	0	30 l.	2002.9	2006.3	3.40	4425.0	4429.1	4.10		Fatma	16/3	Clean the site
17/03/23	7.88	36.0	365	2	6.24	38°c	300	0	0	30 l.	2006.3	2009.7	3.40	4429.1	4433.3	4.20	600 kg.	Fatma	17/3	—
18/03/23	7.79	35.8	340	2	6.39	38°c	300	0	0	30 l.	2009.7	2013.2	3.50	4433.3	4437.7	4.40		Fatma	18/3	—
19/03/23	7.74	36.1	380	1	5.77	38°c	340	0	0	30 l.	2013.2	2016.6	3.40	4437.7	4441.9	4.20	550 kg.	Fatma	Sunday.	
20/03/23	7.86	36.2	370	1	6.11	38°c	340	0	0	30 l.	2016.6	2020.0	3.40	4441.9	4446.2	4.30		Fatma	19/3	Clean the site
21/03/23	7.91	36.2	360	1	6.24	39°c	340	0	0	30 l.	2020.0	2023.6	3.60	4446.2	4450.6	4.40		Fatma	21/3/23	
22/03/23	7.88	36.0	380	1	5.95	39°c	350	0	0	30 l.	2023.6	2027.1	3.50	4450.6	4455.0	4.40	600 kg.	Fatma	22/3/23	
23/03/23	7.94	36.1	360	2	5.44	39°c	350	0	0	30 l.	2027.1	2030.6	3.50	4455.0	4459.3	4.30		Fatma	23/3	
24/03/23	7.83	35.9	365	2	5.38	39°c	350	0	0	30 l.	2030.6	2034.2	3.60	4459.3	4463.8	4.50	550 kg.	Fatma	24/3	
25/03/23	7.90	36.0	371	1	5.87	39°c	350	0	0	30 l.	2034.2	2037.6	3.40	4463.8	4468.2	4.40		Fatma	25/3	
26/03/23	7.78	36.1	344	1	5.45	39°c	350	0	0	30 l.	2037.6	2040.4	2.80	4468.2	4471.8	3.60	700 kg.	Fatma	Sunday.	
27/03/23	7.61	36.1	310	1	5.81	39°c	320	0	0	20 l.							—	Fatma	27/3	
28/03/23	7.66	36.0	240	1	6.13	39°c	300	0	0	30 l.							400 kg.	Fatma	28/3	Clean the site
29/03/23	7.72	36.2	280	0	5.49	39°c	300	0	0	20 l.							—	Fatma	29/3	
30/03/23	7.70	36.1	295	0	6.08	39°c	300	0	0	20 l.							—	Fatma	30/3	
31/03/23	7.61	35.9	265	0	5.88	38°c	280	0	0	20 l.							600 kg.	Fatma	31/3	

Tank with water maintenance

Date .....

April, 2023

Date .....

Date	PH	PH 4-4	Food Received (kg)	Food Reject (kg)	Food PH	Temp (°c)	Actual Feeding. Food	SBC	CS	Water	Generator Running Initial	Final	Time (Hr)	Power Generated Initial	Final	Unit (kwh)	Disposal (kg)	Checked by supervisor	Approved by JE	Remarks.
01/04/23	7.67	36.1	140	0	5.44	38°c	200	0.200	0	20 l.								Fatma		
02/04/23	7.50	36.2	120	1	5.37	38°c	200	0.200	0	20 l.			Under					Fatma		
03/04/23	7.58	36.0	80	0	5.87	38°c	150	0	0	20 l.			Maintenance.				300 kg.	Fatma		
04/04/23	7.72	35.9	110	0	5.66	39°c	150	0	0	20 l.								Fatma		
05/04/23	7.44	36.1	40	0	5.78	38°c	80	0	0	20 l.								Fatma		
06/04/23	7.57	36.3	30	0	6.18	38°c	80	0	0	20 l.							100 kg.	Fatma		
07/04/23	7.51	36.2	35	0	5.81	38°c	80	0	0	20 l.								Fatma		
08/04/23	7.64	36.2	25	0	5.94	38°c	50	0	0	20 l.			food not received.					Fatma		
09/04/23	7.67	36.0	27	0	5.77	38°c	50	0	0	10 l.								Fatma		
10/04/23	7.48	36.1	23	0	5.57	38°c	40	0	0	10 l.								Fatma		
11/04/23	7.12	35.8	41	0	6.07	39°c	50	0	0	10 l.								Fatma		
12/04/23	6.90	35.7	45	0	5.78	39°c	50	0	0	10 l.								Fatma		
13/04/23	7.10	35.9	148	1	5.54	39°c	100	0	0	10 l.			food not received					Fatma		
14/04/23	7.14	35.7	55	0	6.24	39°c	100	0	0	10 l.							200 kg.	Fatma		
15/04/23	7.27	35.8	140	0	6.47	39°c	100	0	0	10 l.								Fatma		
16/04/23	7.30	35.8	200	1	6.19	39°c	120	0	0	15 l.	2040.4	2041.0	0.6	4471.8	4472.8	1.0		Fatma	Sunday.	
17/04/23	7.26	35.7	205	1	6.20	38°c	130	0	0	10 l.	2041.0	2041.6	0.6	4472.8	4473.6	0.8		Fatma		
18/04/23	7.19	35.9	196	0	6.26	38°c	120	0	0	10 l.	2041.6	2042.4	0.8	4473.6	4474.7	1.1	250 kg	Fatma		
19/04/23	7.10	35.7	210	1	6.49	38°c	120	0	0	15 l.	2042.4	2043.5	1.1	4474.7	4475.9	1.2		Fatma		
20/04/23	7.24	35.8	220	0	5.88	39°c	150	0	0	15 l.	2043.5	2044.5	1.0	4475.9	4477.2	1.3		Fatma		
21/04/23	7.31	35.9	235	1	5.74	39°c	150	0	0	15 l.	2044.5	2045.5	1.0	4477.2	4478.4	1.2		Fatma		
22/04/23	7.14	36.1	227	0	6.11	38°c	200	0	0	20 l.	2045.5	2046.7	1.2	4478.4	4479.6	1.2	300 kg.	Fatma		
23/04/23	7.21	36.2	214	0	5.69	39°c	200	0	0	20 l.	2046.7	2047.9	1.2	4479.6	4481.0	1.4		Fatma	Sunday.	
24/04/23	7.34	36.2	231	0	5.57	39°c	200	0	0	20 l.	2047.9	2049.3	1.4	4481.0	4482.8	1.8		Fatma		
25/04/23	7.17	36.2	222	0	5.66	39°c	220	0	0	20 l.	2049.3	2050.5	1.2	4482.8	4484.2	1.4		Fatma		
26/04/23	7.29	36.1	251	1	6.04	39°c	220	0	0	20 l.	2050.5	2051.7	1.2	4484.2	4485.5	1.3		Fatma		
27/04/23	7.25	36.3	210	0	5.31	40°c	220	0	0	20 l.	2051.7	2053.0	1.3	4485.5	4487.0	1.5	400 kg.	Fatma		
28/04/23	7.24	35.8	230	0	5.59	40°c	220	0	0	20 l.	2053.0	2054.5	1.5	4487.0	4488.8	1.8		Fatma		
29/04/23	7.33	35.9	208	1	6.23	39°c	230	0	0	20 l.	2054.5	2056.0	1.5	4488.8	4490.5	1.7		Fatma		
30/04/23	7.18	35.9	224	0	5.87	39°c	230	0	0	20 l.	2056.0	2057.4	1.4	4490.5	4492.2	1.7		Fatma	Sunday.	

Date .....

May, 2023

Date .....

Date	PH	PH 4.4	Food Received (Kg)	Food Reject (Kg)	Food PH	Temp (°c)	Actual Feeding: Food	SBC	CS	water	Generator Running: Initial	Final	Time (Hr)	Power Generated: Initial	Final	Unit (Kwh)	Disposal (Kg)	Checked by Supervisor	Approved by JE	Remarks
01/05/23	7.44	36.1	237	0	5.55	39°c	230	0	0	20 l.	2057.4	2059.0	1.6	4492.2	4494.0	1.8	400 kg.	Fatma	01/5	
02/05/23	7.39	36.3	264	1	5.61	38°c	240	0	0	20 l.	2059.0	2060.4	1.4	4494.0	4495.7	1.7	—	Fatma	02/5	
03/05/23	7.51	36.1	250	1	5.37	38°c	240	0	0	20 l.	2060.4	2061.8	1.4	4495.7	4497.5	1.8	250 kg.	Fatma	03/5	
04/05/23	7.47	36.2	258	1	6.10	38°c	240	0	0	20 l.	2061.8	2063.3	1.5	4497.5	4499.3	1.8	—	Fatma	04/5	
05/05/23	7.21	35.9	237	1	5.78	38°c	240	0	0	20 l.	2063.3	2064.9	1.6	4499.3	4501.4	2.1		Fatma	—	
06/05/23	7.33	36.0	219	1	6.08	38°c	240	0	0	20 l.	2064.9	2066.5	1.6	4501.4	4503.4	2.0	300 kg.	Fatma	—	
07/05/23	7.24	35.8	244	1	6.17	38°c	240	0	0	20 l.	2066.5	2068.2	1.7	4503.4	4505.3	1.9		Fatma	—	
08/05/23	7.23	36.6	231	1	5.66	39°c	240	0	0	20 l.	2068.2	2069.7	1.5	4505.3	4507.1	1.8		Fatma	08/5/23	
09/05/23	7.18	35.8	217	1	5.70	39°c	220	0	0	20 l.	2069.7	2071.5	1.8	4507.1	4509.3	2.2	400 kg.	Fatma	09/5/23	
10/05/23	7.09	35.7	214	1	6.19	39°c	220	0.250	0	20 l.	2071.5	2073.0	1.5	4509.3	4511.4	2.1		Fatma	10/5	
11/05/23	7.11	35.8	241	2	6.39	40°c	220	0.300	0	20 l.	2073.0	2073.8	0.8	4511.4	4512.9	1.5		Fatma	11/5	
12/05/23	6.57	36.9	267	2	5.97	40°c	220	0.300	0	20 l.	2073.8	2074.8	1.0	4512.9	4514.3	1.4		Fatma	12/5	
13/05/23	6.44	37.5	144	0	6.14	39°c	150	0.300	0	15 l.	2074.8	2075.3	0.5	4514.3	4515.2	0.9	500 kg.	Fatma	13/5	
14/05/23	5.59	38.7	120	0	6.45	39°c	120	0.300	0	15 l.	2075.3	2075.7	0.4	4515.2	4516.0	0.8	—	Fatma	Sunday.	
15/05/23	5.38	-	131	0	5.88	39°c	120	0.300	0	15 l.	2075.7	2076.1	0.4	4516.0	4516.6	0.6		Fatma	15/5	
16/05/23																				
17/05/23																				
18/05/23																				
19/05/23																				
20/5																				
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27/5																				
28/5																				
29/5																				
30/5																				
31/5																				

Under Maintenance from 16/5/23 to 31/5/23

Date .....

June, 2023

Date .....

Date.	PH	PH 4.4	Food Received (kg)	Food Reject (kg)	Food PH	Temp (°c)	Actual Feeding				Generator Running		Time. (Hr)	Power Generated.			Disposal (kg)	checked by Supervisor	Approved by JE	Remarks
							Food	SBC	CS	Water	Initial	Final		Initial.	Final	Unit (kwh)				
01/06/23	—										Under Maintenance							—		
02/06/23	6.20	34.2	10	0	5.89	38°c	10	0	0	5l.	2076.1	2076.3	0.20	4516.6	4516.9	0.30	-	Fatma		
03/06/23	6.20	34.4	10	0	5.44	38°c	10	0	0	5l.	2076.3	2076.5	0.20	4516.9	4517.2	0.30	-	Fatma		
04/06/23	6.30	34.3	10	0	6.19	38°c	10	0	0	5l.	2076.5	2076.8	0.30	4517.2	4517.7	0.50	-	Fatma	—	
05/06/23	6.30	34.7	10	0	5.58	39°c	10	0	0	5l.	2076.8	2077.1	0.30	4517.7	4518.2	0.50	-	Fatma		
06/06/23	6.40	35.2	15	0	6.11	39°c	15	0	0	5l.	2077.1	2077.4	0.30	4518.2	4518.6	0.40	-	Fatma		
07/06/23	6.50	35.1	15	0	5.78	39°c	15	0	0	5l.	2077.4	2077.7	0.30	4518.6	4519.1	0.50	-	Fatma		
08/06/23	6.50	35.1	15	0	6.23	39°c	15	0	0	5l.	2077.7	2078.1	0.40	4519.1	4519.6	0.50	-	Fatma		
09/06/23	6.60	34.8	15	0	5.44	39°c	15	0	0	5l.	2078.1	2078.4	0.30	4519.6	4520.0	0.40	-	Fatma		
10/06/23	6.60	34.7	20	0	5.35	40°c	20	0	0	5l.	2078.4	2078.7	0.30	4520.0	4520.5	0.50	-	Fatma		
11/06/23	6.60	35.2	20	0	5.28	39°c	20	0	0	5l.	2078.7	2079.1	0.40	4520.5	4521.1	0.60	-	Fatma	—	
12/06/23	6.50	35.1	20	0	6.10	39°c	20	0	0	5l.	2079.1	2079.5	0.40	4521.1	4521.6	0.50	-	Fatma		
13/06/23	6.60	35.5	20	0	6.33	39°c	20	0	0	5l.	2079.5	2080.0	0.50	4521.6	4522.3	0.70	-	Fatma		
14/06/23	6.70	34.6	25	0	5.60	40°c	25	0	0	5l.	2080.0	2080.4	0.40	4522.3	4522.8	0.50	50 kg.	Fatma		
15/06/23	6.70	34.8	25	0	5.31	40°c	25	0	0	5l.	2080.4	2080.9	0.50	4522.8	4523.4	0.60	-	Fatma		
16/06/23	6.70	34.7	25	0	5.64	39°c	25	0	0	5l.	2080.9	2081.4	0.50	4523.4	4524.1	0.70	-	Fatma		
17/06/23	6.80	35.1	25	0	6.24	39°c	25	0	0	5l.	2081.4	2082.0	0.60	4524.1	4524.8	0.70	-	Fatma		
18/06/23	6.70	35.3	30	0	5.77	40°c	25	0	0	5l.	2082.0	2082.6	0.60	4524.8	4525.6	0.80	-	Fatma	—	
19/06/23	6.80	35.0	30	0	5.69	40°c	30	0	0	5l.	2082.6	2083.3	0.70	4525.6	4526.4	0.80	-	Fatma		
20/06/23	6.80	35.1	30	0	6.51	40°c	30	0	0	5l.	2083.3	2083.9	0.60	4526.4	4527.1	0.70	-	Fatma		
21/06/23	6.80	34.9	34	0	5.81	40°c	34	0	0	5l.	2083.9	2084.5	0.60	4527.1	4527.8	0.70	50 kg.	Fatma		
22/06/23	6.80	35.0	21	0	6.22	39°c	21	0	0	5l.	2084.5	2085.0	0.50	4527.8	4528.4	0.60	-	Fatma		
23/06/23	6.90	34.9	14	0	5.38	39°c	14	0	0	5l.	2085.0	2085.6	0.60	4528.4	4529.1	0.70	-	Fatma		
24/06/23	6.90	34.8	15	0	5.17	39°c	15	0	0	5l.	2085.6	2086.2	0.60	4529.1	4529.8	0.70	-	Fatma		
25/06/23	6.80	35.4	17	0	5.88	39°c	17	0	0	5l.	2086.2	2086.7	0.50	4529.8	4530.5	0.70	-	Fatma	—	
26/06/23	6.90	35.5	15	0	6.42	40°c	15	0	0	5l.	2086.7	2087.1	0.40	4530.5	4531.1	0.60	-	Fatma		
27/06/23	7.0	35.2	11	0	6.24	40°c	11	0	0	5l.	2087.1	2087.6	0.50	4531.1	4531.7	0.60	-	Fatma		
28/06/23	7.0	34.8	12	0	5.71	39°c	12	0	0	5l.	2087.6	2087.9	0.30	4531.7	4532.2	0.50	-	Fatma		
29/06/23	7.0	34.9	17	0	5.54	39°c	17	0	0	5l.	2087.9	2088.2	0.50	4532.2	4532.7	0.50	—	②		
30/06/23	7.0	35.1	25	0	5.89	39°c	25	0	0	5l	2088.2	2088.7	0.40	4532.7	4533.2	0.60	—	②		

July 2023

Date .....

Date .....

Date	PH	PH 4	Food Receive (Kg)	Food left (Kg)	Feed PH	Temp (C)	Actual Feeding Food	SBC	CS	water	Generator Running time Initial	Final	(H.Y)	Power generated Initial	Final	Unit (KWh)	Disposal (Kg)	checked by supervisor	Approved by J.E	Remarks
1/7/23	7.0	348	17	0	5.64	40c	17	0	0	5l.	2088.7	2089.1	0.40	45332	45338	0.50	—	Durgesh	01/7/23	
2/7/23	7.0	35.4	20	0	5.90	40c	20	0	0	5l.	2089.1	2089.5	0.50	45338	45343	0.60	—	Durgesh	02/7/23	
3/7/23	7.0	36.2	18	0	5.92	40c	18	0	0	5l.	2089.5	2089.9	0.40	4534.3	4534.9	0.60	—	Nitesh	03/7	
4/7/23	7.0	36.9	16	0	5.82	39c	16	0	0	5l.	2089.9	2090.4	0.50	4534.9	4535.4	0.50	—	Nitesh	04/7	
5/7/23	7.1	35.8	20	0	5.88	40c	20	0	0	5l.	2090.4	2090.9	0.50	4535.4	4535.9	0.50	—	Nitesh	05/7	
6/7/23	7.2	36.7	14	0	5.91	40c	14	0	0	5l.	2090.9	2091.3	0.40	4535.9	4536.5	0.60	—	Nitesh	06/7	
7/7/23	7.4	39.9	18	1	5.89	39c	18	0	0	5l.	2091.3	2091.8	0.50	4536.5	4537.0	0.50	—	Nitesh	07/7	
8/7/23	7.2	35.7	13	1	5.70	40c	12	0	0	5l.	2091.8	2092.2	0.40	4537.0	4537.5	0.50	—	Nitesh	08/7	
9/7/23	7.4	38.7	15	1	5.41	40c	14	0	0	5l.	2092.2	2092.6	0.40	4537.5	4538.0	0.50	—	Nitesh	—	
10/7/23	7.4	37.4	30	2	5.88	39c	28	0	0	8l.	2092.6	2093.1	0.50	4538.0	4538.6	0.60	—	Nitesh	10/7	
11/7/23	7.1	38.2	20	1	5.72	40c	19	0	0	5l	2093.1	2093.5	0.40	4538.6	4539.1	0.50	—	Nitesh	11/7	
12/7/23	7.0	38.6	18	1	5.88	40c	17	0	0	5l.	2093.5	2093.9	0.40	4539.7	4539.7	0.60	—	Nitesh	12/7	
13/7/23	7.3	36.2	25	1	5.77	39c	24	0	0	5l.	2093.9	2094.4	0.50	4539.7	4540.3	0.60	—	Nitesh	13/7	
14/07/23	7.4	36.4	30	2	5.60	40c	28	0	0	5l.	2094.4	2094.8	0.40	4540.3	4540.9	0.60	—	Nitesh	14/7	
15/07/23	7.6	35.7	30	1	5.32	39c	29	0	0	7l.	2094.8	2095.4	0.60	4540.9	4541.4	0.50	—	Nitesh	—	
16/07/23	7.2	35.6	40	1	5.38	40c	39	0	0	8l.	2095.4	2095.9	0.50	4541.4	4541.9	0.50	—	Nitesh	—	
17/07/23	7.2	35.4	40	2	5.35	40c	38	0	0	8l.	2095.9	2096.3	0.40	4541.9	4542.5	0.60	—	Nitesh	17/7	
18/07/23	7.3	36.4	45	2	5.39	40c	43	0	0	10l.	2096.3	2096.9	0.60	4542.5	4543.0	0.50	—	Nitesh	18/7	
19/07/23	7.4	36.2	50	1	5.32	40c	49	0	0	10l.	2096.9	2097.4	0.50	4543.0	4543.6	0.60	—	Nitesh	19/7	
20/07/23	7.3	36.3	50	1	5.38	39c	49	0	0	10l.	2097.4	2097.8	0.40	4543.6	4544.2	0.60	—	Nitesh	20/7	
21/07/23	7.4	35.4	50	1	5.36	39c	49	0	0	10l.	2097.8	2098.3	0.50	4544.2	4544.7	0.50	—	Nitesh	21/7	
22/07/23	7.2	354	60	1	5.39	40c	59	0	0	10l.	2098.3	2098.9	0.60	4544.7	4545.3	0.60	—	Nitesh	—	
23/07/23	7.1	36.5	60	2	5.36	40c	58	0	0	10l.	2098.9	2099.4	0.50	4545.3	4545.8	0.50	—	Nitesh	—	
24/07/23	7.2	36.4	50	1	5.38	39c	49	0	0	7l.	2099.4	2099.8	0.40	4545.8	4546.3	0.50	—	Nitesh	24/7	
25/07/23	7.0	35.3	50	0	5.41	39c	50	0	0	7.l.	2099.8	2100.3	0.50	4546.3	4546.9	0.60	—	Nitesh	25/7	
26/07/23	7.1	36.1	40	0	5.39	39c	40	0	0	7.l	2100.3	2100.8	0.50	4546.9	4547.5	0.60	—	Nitesh	26/7	
27/07/23	7.2	35.2	40	1	5.32	39c	39	0	0	8l.	2100.8	2101.2	0.40	4547.5	4548.0	0.50	—	Nitesh	27/7	
28/07/23	7.4	36.4	30	0	5.48	40c	30	0	0	5l.	2101.2	2101.6	0.40	4548.0	4548.5	0.50	—	Nitesh	28/7	
29/07/23	7.3	36.2	40	0	5.40	40c	40	0	0	5l.	2101.6	2102.0	0.40	4548.5	4549.0	0.50	—	Nitesh	29/7	
30/07/23	7.2	364	45	0	5.45	39c	45	0	0	5l.	2102.0	2102.5	0.50	4549.0	4550.1	0.60	—	Nitesh	—	
31/07/23	7.4	35.4	40	0	5.40	39c	40	0	0	5l.	2102.5	2103.0	0.50	4550.1	4550.7	0.60	—	Nitesh	31/7	

Date .....

August 2023

Date .....

Date	PH	PH 4A	Food Received (kg)	Food Reject (kg)	Food PH	Temp (c)	Actual Food	Feeding SPC	Feeding CS	Feeding water	Generator Running Initial	Generator Running Final	Time (Hr)	Power Generated Initial	Power Generated Final	Power Generated unit(kwh)	Disposal (kg)	checked by Supervisor	Approved by JE	Remarks
1-08-23	7.0	34.8	40	0	5.88	40c	40	0	0	5l	2103.0	2103.3	0.30	4550.7	4551.1	0.40	—	Nitesh	01/08/23	
2-08-23	7.0	35.4	40	0	5.87	40c	40	0	0	5l	2103.3	2103.6	0.30	4551.1	4551.5	0.40	—	Nitesh	02/08/23	
3-08-23	7.1	36.2	40	0	5.90	40c	40	0	0	5l	2103.6	2104.0	0.40	4551.5	4552.0	0.50	—	Nitesh	03/08/23	
4-08-23	7.0	34.4	50	0	5.71	39c	50	0	0	10l	2104.0	2104.4	0.40	4552.0	4552.5	0.50	—	Nitesh	04/08/23	
5-08-23	7.1	35.2	50	0	5.77	40c	50	0	0	10l	2104.4	2104.8	0.40	4552.5	4553.0	0.50	—	Nitesh	—	
6-08-23	7.2	35.6	50	0	5.88	39c	50	0	0	10l	2104.8	2105.3	0.50	4553.0	4553.6	0.60	—	Nitesh	-Sunday-	
7-08-23	7.1	34.2	50	0	5.71	40c	50	0	0	10l	2105.3	2105.8	0.50	4553.6	4554.2	0.60	—	Nitesh	—	
8-08-23	7.2	35.7	50	0	5.91	39c	50	0	0	10l	2105.8	2106.2	0.40	4554.2	4554.7	0.50	—	Nitesh	—	
9-08-23	7.4	36.2	60	1	5.88	39c	60	0	0	10l	2106.2	2106.7	0.50	4554.7	4555.4	0.70	—	Nitesh	—	
10-08-23	7.2	35.8	60	1	5.60	40c	60	0	0	10l	2106.7	2107.1	0.40	4555.4	4555.9	0.50	—	Nitesh	10/08/23	
11-08-23	7.4	35.2	60	0	5.77	40c	60	0	0	10l	2107.1	2107.5	0.40	4555.9	4556.4	0.50	—	Nitesh	11/08/23	
12-08-23	7.4	36.2	60	0	5.70	40c	60	0	0	10l	2107.5	2108.0	0.50	4556.4	4557.0	0.60	—	Nitesh	12/08/23	
13-08-23	7.2	36.4	60	1	5.66	40c	60	0	0	10l	2108.0	2108.5	0.50	4557.0	4557.6	0.60	—	Nitesh	-Sunday-	
14-08-23	7.2	35.8	60	0	5.60	40c	60	0	0	10l	2108.5	2109.0	0.50	4557.6	4558.2	0.60	—	Nitesh	14/08/23	
15-08-23	7.4	36.4	60	0	5.70	40c	60	0	0	10l	2109.0	2110.04	0.50	4558.2	4558.8	0.60	—	Nitesh	15/08/23	
16-08-23	7.4	36.2	60	0	5.77	39c	60	0	0	10l	2110.04	2111.0	0.60	4558.8	4559.3	0.50	—	Nitesh	16/08/23	
17-8-23	7.2	36.4	50	0	5.71	39c	50	0	0	10l	2111.0	2111.5	0.50	4559.3	4559.9	0.60	—	Nitesh	17/8/23	
18-8-23	7.6	38.4	60	0	5.90	39c	60	0	0	10l	2111.5	2112.0	0.50	4559.9	4560.5	0.60	—	Nitesh	18/8/23	
19-8-23	7.5	36.2	70	0	5.70	39c	70	0	0	10l	2112.0	2112.4	0.40	4560.5	4561.0	0.50	—	Nitesh	19/8/23	
20-8-23	7.1	35.1	70	1	5.80	40c	70	0	0	10l	2112.4	2112.9	0.50	4561.0	4561.5	0.50	—	Nitesh	20/8/23	
21-8-23	7.2	35.7	70	0	5.81	40c	70	0	0	10l	2112.9	2113.4	0.50	4561.5	4562.1	0.60	—	Nitesh	21/8/23	
22-8-23	7.2	38.2	70	1	5.91	40c	70	0	0	10l	2113.4	2113.8	0.40	4562.1	4562.6	0.50	—	Nitesh	22/8/23	
23-8-23	7.4	36.2	70	0	5.75	40c	70	0	0	10l	2113.8	2114.3	0.50	4562.6	4563.2	0.60	—	Nitesh	23/8/23	
24-8-23	7.1	38.2	70	0	5.77	40c	70	0	0	10l	2114.3	2114.8	0.50	4563.2	4563.8	0.60	—	Nitesh	24/8/23	
25-8-23	7.2	38.1	80	0	5.85	40c	80	0	0	10l	2114.8	2115.3	0.50	4563.8	4564.4	0.60	—	Nitesh	25/8/23	
26-8-23	7.4	36.6	70	2	5.90	40c	70	0	0	15l	2115.3	2115.9	0.60	4564.4	4565.1	0.70	—	Nitesh	—	
27-8-23	7.2	36.2	80	1	5.85	40c	80	0	0	15l	2115.9	2116.4	0.50	4565.1	4565.7	0.60	—	Nitesh	-Sunday-	
28-8-23	7.2	35.4	70	0	5.77	40c	70	0	0	10l	2116.4	2116.9	0.50	4565.7	4566.3	0.60	—	Nitesh	28/8/23	
29-8-23	7.4	36.2	70	1	5.80	40c	70	0	0	10l	2116.9	2117.4	0.50	4566.3	4566.9	0.60	—	Nitesh	29/8/23	
30-8-23	7.3	36.6	70	1	5.92	40c	70	0	0	10l	2117.4	2117.9	0.50	4566.9	4567.4	0.50	—	Nitesh	30/8/23	
31-8-23	7.6	35.4	70	0	5.71	40c	70	0	0	10l	2117.9	2118.4	0.50	4567.4	4567.9	0.50	—	Nitesh	31/8/23	

Date .....

September 2023

Date .....

Date	PH	PH 4.4	Food Received (Kg)	Food Reject (Kg)	Food PH	Temp (C)	Actual Feeding Food	Sft	CS	water	Generator Running Initial	Final	Time Hr	Power Generated Initial	Final	unit(Kw)	Disposal (Kg)	Checked Supervisor	Approved by JE	Remarks
1-09-23	7.4	36.4	70	0	5.92	40C	70	0	0	10l.	2118.4	2119.0	0.60	4567.9	4568.4	0.50	—	Nitesh		
2-09-23	7.4	36.6	70	0	5.70	40C	70	0	0	10l	2119.0	2119.6	0.60	4568.4	4568.9	0.50	—	Nitesh		
3-09-23	7.2	36.2	80	0	5.44	40C	80	0	0	10l.	2119.6	2120.2	0.60	4568.9	4569.4	0.50	—	Nitesh		
4-09-23	7.0	35.5	70	0	5.40	40C	70	0	0	10l	2120.2	2120.8	0.60	4569.4	4569.9	0.50	—	Nitesh	Sunday	
5-09-23	7.1	36.1	75	1	5.50	40C	75	0	0	10l.	2120.8	2121.5	0.70	4569.9	4570.5	0.60	—	Nitesh		
6-09-23	7.6	36.3	75	0	5.41	40C	75	0	0	10l	2121.5	2122.2	0.70	4570.5	4571.1	0.60	—	Nitesh		
7-09-23	7.2	36.0	80	0	5.80	40C	80	0	0	15l.	2122.2	2122.9	0.70	4571.1	4571.7	0.60	—	Nitesh	Holiday	
8-09-23	7.4	35.8	80	1	5.80	40C	80	0	0	15l.	2122.9	2123.5	0.60	4571.7	4572.2	0.50	—	Nitesh	— 920 —	
9-09-23	7.2	35.5	80	1	5.70	39C	80	0	0	15l.	2123.5	2124.1	0.60	4572.2	4572.7	0.50	—	Nitesh	— 920 —	
10-09-23	7.0	36.2	85	0	5.71	39C	85	0	0	15l.	2124.1	2124.8	0.70	4572.7	4573.3	0.60	—	Nitesh	Sunday	
11-09-23	7.0	36.0	90	0	5.54	40C	90	0	0	15l.	2124.8	2125.5	0.70	4573.3	4573.9	0.60	—	Nitesh		
12-09-23	7.8	36.7	90	0	5.60	40C	90	0	0	15l.	2125.5	2126.2	0.70	4573.9	4574.6	0.70	—	Nitesh		
13-09-23	7.6	35.2	90	0	5.77	40C	90	0	0	15l.	2126.2	2126.8	0.60	4574.6	4575.2	0.60	—	Nitesh		
14-09-23	7.4	35.8	90	0	5.71	39C	90	0	0	15l.	2126.8	2127.4	0.60	4575.2	4575.8	0.60	—	Nitesh		
15-09-23	7.4	35.7	80	0	5.66	39C	80	0	0	12l.	2127.4	2128.0	0.60	4575.8	4576.5	0.70	—	Nitesh		
16-09-23	7.2	35.2	80	0	5.71	40C	80	0	0	12l.	2128.0	2128.7	0.70	4576.5	4577.1	0.60	—	Nitesh		
17-09-23	7.4	36.4	90	0	5.80	40C	80	0	0	15l.	2128.7	2129.4	0.70	4577.1	4577.7	0.60	—	Nitesh	Sunday	
18-09-23	7.2	36.8	90	0	5.74	40C	90	0	0	15l.	2129.4	2130.0	0.60	4577.7	4578.2	0.50	—	Nitesh		
19-09-23	7.6	36.2	90	2	5.88	40C	90	0	0	15l.	2130.0	2130.5	0.50	4578.2	4578.7	0.50	—	Nitesh		
20-09-23	7.4	36.5	90	1	6.11	40C	90	0	0	15l.	2130.5	2131.0	0.50	4578.7	4579.3	0.60	—	Nitesh		
21-09-23	7.4	35.9	100	1	5.69	40C	100	0	0	20l.	2131.0	2131.6	0.60	4579.3	4579.9	0.60	—	Nitesh		
22-09-23	7.2	35.9	100	1	5.80	40C	100	0	0	20l.	2131.6	2132.1	0.50	4579.9	4580.6	0.70	—	Nitesh		
23-09-23	7.4	35.2	100	0	5.60	40C	100	0	0	20l.	2132.1	2132.7	0.60	4580.6	4581.3	0.70	—	Nitesh		
24-09-23	7.2	35.7	100	0	5.70	40C	100	0	0	20l	2132.7	2133.2	0.50	4581.3	4582.0	0.70	—	Nitesh	Sunday	
25-09-23	7.6	38.1	100	0	5.92	40C	100	0	0	20l	2133.2	2133.8	0.60	4582.0	4582.6	0.60	—	Nitesh		
26-09-23	7.4	36.7	110	0	5.81	40C	110	0	0	20l	2133.8	2134.3	0.50	4582.6	4583.2	0.60	—	Nitesh		
27-09-23	7.2	35.4	110	0	5.77	40C	110	0	0	20l	2134.3	2134.8	0.50	4583.2	4583.8	0.60	—	Nitesh		
28-09-23	7.2	35.6	100	0	5.70	40C	100	0	0	20l	2134.8	2135.3	0.50	4583.8	4584.4	0.60	—	Nitesh		
29-09-23	7.0	35.1	110	0	5.40	39C	110	0	0	20l	2135.3	2135.8	0.55	4584.4	4585	0.70	—	Nitesh		
30-09-23	7.1	35.5	110	0	5.60	39C	110	0	0	20l	2135.8	2136.38	1	4585	4585.7	1.1	—	Nitesh		

Date ....

October 2023

Date ....

Date	PH	Liquid PH M.R	Food Recived (Kg)	Food Accd (Kg)	Food PH	Digester TEMP (°C)	Actual Feeding: Food	SDC	CS	Water	Generator Running: Intial	Final	Time (Hr)	Power Generated: Intial	Final	Unit (Kw)	Disposal Kg	Checked Supervisor	Approved by J.E	Remarks
1-10-23	7.1	34.4	110	0	5.1	40°C	110	0	0	20l.	2136.35	2137.35	1.00	4586.8	4586.8	1.00	—	Nitesh	—	
2-10-23	7.3	36.3	100	0	5.9	40°C	100	0	0	20l.	2137.35	2138.35	0.55	4586.8	4587.8	0.60	—	Nitesh	—	
3-10-23	7.4	35.9	100	0	5.6	39°C	100	0	0	20l.	2138.35	2138.9	0.60	4587.8	4588.40	0.80	—	Nitesh	[illegible]	
4-10-23	7.2	36.4	100	0	5.4	39°C	100	0	0	15l.	2138.9	2139.5	1.10	4588.40	4589.2	0.70	—	Nitesh	[illegible]	
5-10-23	7.1	35.6	100	0	5.7	40°C	100	0	0	10l.	2139.5	2140.6	1.00	4589.2	4590.3	1.10	110	Nitesh	[illegible]	
6-10-23	7.53	35.4	150	0	5.6	40°C	cowdon 350	0	0	30l.	2140.6	2142.6	2.00	4590.3	4594.8	4.5	—	Nitesh		
7-10-23	7.62	35.6	145	1	5.7	40°C	320	0	0	30l.	2142.6	2145.1	2.5	4594.8	4600.3	5.5	120	Nitesh		
8-10-23	7.60	36.2	200	0	5.5	40°C	325	0	0	35l.	2145.1	2148.1	3.0	4600.3	4608.5	8.2	—	Nitesh		
9-10-23	7.39	34.6	250	1	5.7	40°C	325	0	0	35l.	2148.1	2151.3	3.2	46.8.5	4618.6	10.1	150	Nitesh		
11-10-23	7.44	34.2	300	0	5.7	40°C	330	0	0	32l.	2151.3	2154.7	3.4	4618.6	4630.0	11.4	—	Nitesh		
12-10-23	7.50	34.2	300	2	5.7	40°C	330	0	0	35l.	2154.7	2158.2	3.5	4630.0	4642.5	12.5	200	Nitesh		
13-10-23	7.56	34.6	330	1	5.62	40°C	350	0	0	38l.	2158.2	2161.9	3.7	4642.5	4657.0	14.5	–	Nitesh		
14-10-23	7.62	34.7	365	1	5.61	40°C	350	0	0	35l.	2161.9	2165.9	4.0	4657.0	4673.1	16.1	300	Nitesh		
15-10-23	7.60	35.2	370	1	5.71	40°C	360	0	0	35l.	2165.9	2169.8	3.9	4673.1	4689.0	15.9	–	Nitesh		
16-10-23	7.58	35.4	375	0	5.71	40°C	360	0	0	40l.	2169.8	2173.6	3.8	4689.0	4704.2	15.2	–	Nitesh		
17-10-23	7.49	35.6	390	1	5.71	40°C	370	0	0	35l.	2173.6	2177.5	3.9	4704.2	4720.2	16.0	350	Nitesh		
18-10-23	7.50	35.7	400	1	5.51	40°C	390	0	0	30l.	2177.5	2181.5	40	4720.2	4736.7	16.5	–	Nitesh		
19-10-23	7.55	36.1	400	1	5.57	40°C	400	0	0	35l.	2181.5	2185.7	4.2	4736.7	4754.2	17.5	–	Nitesh		
20-10-23	7.62	36.2	390	0	5.48	40°C	380	0	0	35l.	2185.7	2189.7	4.0	4754.2	4771.2	17.0	–	Nitesh		
21-10-23	7.60	36.4	395	1	5.54	40°C	390	0	0	40l.	2189.7	2193.6	3.9	4771.2	4787.2	16.0	400	Nitesh		
22-10-23	7.58	36.2	400	0	5.50	40°C	395	0	0	40l.	2193.6	2197.5	3.9	4787.2	4803.1	15.9	–	Nitesh		
23-10-23	7.61	36.4	420	0	5.56	40°C	410	0	0	35l.	2197.5	2201.6	4.1	4803.1	4819.5	16.4	–	Nitesh		
24-10-23	7.58	36.2	420	0	5.62	40°C	415	0	0	40l.	2201.6	2205.7	4.1	4819.5	4836.3	16.8	–	Nitesh		
25-10-23	7.58	36.4	415	1	5.62	40°C	415	0	0	40l.	2205.7	2210.0	4.3	4836.3	4854.8	18.5	450	Nitesh		
26-10-23	7.63	36.1	410	0	5.60	40°C	400	0	0	40l.	2210.0	2214.0	4.0	4854.8	4871.9	17.1	–	Nitesh		
27-10-23	7.59	36.2	430	0	5.72	40°C	430	0	0	40l.	2214.0	2218.3	4.3	4871.9	4890.4	18.5	–	Nitesh		
28-10-23	7.56	36.4	435	0	5.61	40°C	430	0	0	40l.	2218.3	2222.7	4.4	4890.4	4909.5	19.1	–	Nitesh		
29-10-23	7.60	36.4	425	0	5.67	40°C	425	0	0	40l.	2222.7	2227.0	4.3	4909.5	4928.0	18.5	450	Nitesh		
30-10-23	7.58	36.2	440	0	5.48	40°C	430	0	0	40l.	2227.0	2231.4	4.4	4928.0	4948.1	20.1		Nitesh		
31-10-23	7.57	36.4	450	0	5.61	40°C	440	0	0	40l.	2231.4	2235.9	4.5	4948.1	4968.6	20.5	480	Nitesh		

Date .....

November – 2023

Date .....

Date	PH	PH 4-4	Food Received (KG)	Food Reject (KG)	Added Condm	Food PH	Temp (C°)	Actual Food	Feeding SBC	Feeding CS	Feeding Water	Generator Initial	Generator Final	Runing (Hr)	Time Initial	Time Final	Power Generated Unit (KWH)	Dispose (KG)	Checked Supervisor	Approved By J.E	Remarks
1-11-2023	7.53	36.2	470	1		5.60	40C	460	0	0	40l	2235.9	2238.3	2.4	4948.6	4961.0	12.4	—	Nitesh		
2-11-2023	7.62	36.1	475	2		5.57	40C	450	0	0	40l	2238.3	2240.4	2.1	4961.0	4972.8	11.8	400	Nitesh		
3-11-2023	7.49	36.2	465	0		5.54	40C	450	0	0	40l	2240.4	2242.6	2.2	4972.8	4984.7	11.9	—	Nitesh		
4-11-2023	7.55	35.8	475	0		5.56	40C	460	0	0	45l	2242.6	2244.6	2.0	4984.7	4995.7	11.0	—	Nitesh		
5-11-2023	7.63	35.7	480	0		5.51	40C	470	0	0	45l	2244.6	2246.4	1.8	4995.7	5006.2	10.5	600	Nitesh		
6-11-2023	7.58	35.8	490	0		5.62	40C	490	0	0	45l	2246.4	2248.3	1.9	5006.2	5017.0	10.8	—	Nitesh		
7-11-2023	7.57	35.9	505	0		5.67	40C	490	0	0	50l	2248.3	2250.4	2.1	5017.0	5028.1	11.1	—	Nitesh		
8-11-2023	7.60	35.7	565	1		5.64	40C	500	0	0	50l	2250.4	2252.7	2.3	5028.1	5039.5	11.4	500	Nitesh		
9-11-2023	7.53	35.6	600	0		5.53	40C	500	0	0	50l	2252.7	2254.7	2.0	5039.5	5050.5	11.0	—	Nitesh		
10-11-2023	7.49	35.8	570	1		5.48	40C	520	0	0	40l	2254.7	2257.1	2.4	5050.5	5062.5	12.0	—	Nitesh		
11-11-2023	7.48	35.6	520	0		5.39	40C	510	0	0	35l	2257.1	2259.3	2.2	5062.5	5073.8	11.3	—	Nitesh		
12-11-2023	7.54	35.9	410	1	150	5.51	40C	560	0	0	30l	2259.3	2261.4	2.1	5073.8	5085.1	11.3	600	Nitesh		
13-11-2023	7.59	35.6	360	1	200	5.63	40C	560	0	0	30l	2261.4	2263.3	1.9	5085.1	5096.0	10.9	—	Nitesh		
14-11-2023	7.48	35.4	300	1	250	5.61	40C	550	0	0	20l	2263.3	2265.3	2.0	5096.0	5107.0	11.0	—	Nitesh		
15-11-2023	7.44	35.2	390	0	160	5.62	40C	560	0	0	20l	2265.3	2267.8	2.5	5107.0	5119.4	12.4	400	Nitesh		
16-11-2023	7.51	35.8	365	0	180	5.71	40C	545	0	0	20l	2267.8	2269.8	2.0	5119.4	5130.4	11.0	—	Nitesh		
17-11-2023	7.47	35.9	450	0	100	5.48	40C	550	0	0	15l	2269.8	2272.2	2.4	5130.4	5142.4	12.0	500	Nitesh		
18-11-2023	7.50	35.8	470	0	70	5.65	40C	540	0	0	10l	2272.2	2274.0	1.8	5142.4	5153.0	10.6	—	Nitesh		
19-11-2023	7.44	35.7	430	0	80	5.71	39C	510	0	0	10l	2274.0	2275.9	1.9	5153.0	5163.7	10.7	—	Nitesh		
20-11-2023	7.41	35.6	440	0	100	5.68	39C	540	0	0	10l	2275.9	2278.1	2.2	5163.7	5175.5	11.8	—	Nitesh		
21-11-2023	7.52	35.4	330	0	150	5.49	40C	480	0	0	15l	2278.1	2280.1	2.0	5175.5	5187.2	11.7	500	Nitesh		
22-11-2023	7.37	38.1	360	0	120	5.64	40C	480	0	0	10l	2280.1	2282.2	2.1	5187.2	5198.8	11.6	—	Nitesh		
23-11-2023	7.44	36.4	400	2	100	5.57	40C	500	0	0	10l	2282.2	2284.3	2.1	5198.8	5210.5	11.7	400	Nitesh		
24-11-2023	7.49	36.2	460	3	50	5.42	40C	510	0	0	15l	2284.3	2286.5	2.2	5210.5	5222.1	11.6	—	Nitesh		
25-11-2023	7.53	35.2	450	0	50	5.70	40C	500	0	0	10l	2286.5	2288.2	1.7	5222.1	5232.2	10.1	600	Nitesh		
26-11-2023	7.51	35.6	400	0	100	5.67	40C	500	0	0	10l	2288.2	2290.1	1.9	5232.2	5242.8	10.6	—	Nitesh		
27-11-2023	7.60	36.1	410	0	100	5.59	39C	510	0	0	10l	2290.1	2292.1	2.0	5242.8	5253.8	11.0	400	Nitesh		
28-11-2023	7.64	36.4	425	0	50	5.42	40C	475	0	0	10l	2292.1	2294.3	2.2	5253.8	5264.8	11.0	—	Nitesh		
29-11-2023	7.60	34.8	430	0	50	5.61	40C	480	0	0	10l	2294.3	2296.6	2.3	5264.8	5276.2	11.4	400	Nitesh		
30-11-2023	7.62	35.6	430	0	50	5.68	40C	480	0	0	10l	2296.6	2298.7	2.1	5276.2	5287.8	11.6		Nitesh		

December - 2023

Date .....

Date .....

Date	PH	PH A.M	Food Received (KG)	Food Rejected (KG)	Added Covdeh	Food PH	Temp (C°)	Actual Feeding Food	SBC	CS	Water	Generator Initial	Runing Final	Time (Hr)	Power Generated Initial	Final	Unit (KWH)	Disposal (KG)	Checked Supervisor	Approved BY J.E	Remarks
1-12-2023	7.51	35.7	743	1	0	5.58	40c	440	0	0	10l.	2298.7	2300.6	1.9	5287.8	5297.9	10.1	400	Nitesh		
2-12-2023	7.43	35.9	754	2	0	5.61	40c	449	0	0	10l.	2300.6	2303.2	2.6	5297.9	5310.5	12.6	—	Nitesh		
3-12-2023	7.54	35.8	650	1	0	5.49	40c	400	0	0	15l.	2303.2	2305.6	2.4	5310.5	5322.9	12.4	500	Nitesh	Sunday	
4-12-2023	7.49	35.4	615	2	0	5.53	40c	460	0	0	15l.	2305.6	2307.9	2.3	5322.9	5334.9	12.0	—	Nitesh		
5-12-2023	7.46	36.4	761	0	0	5.60	40c	470	0	0	15l.	2307.9	2310.0	2.1	5334.9	5346.7	11.8	600	Nitesh		
6-12-2023	7.45	36.1	752	0	0	5.63	40c	500	0	0	15l.	2310.0	2312.0	2.0	5346.7	5358.4	11.7	—	Nitesh		
7-12-2023	7.51	36.2	630	0	0	5.62	40c	520	0	0	20l.	2312.0	2313.8	1.8	5358.4	5369.2	10.8	—	Nitesh		
8-12-2023	7.42	36.0	765	1	0	5.54	40c	560	0	0	20l	2313.8	2315.7	1.9	5369.2	5380.2	11.0	600	Nitesh		
9-12-2023	7.44	36.8	747	1	0	5.62	40c	600	0	0	20l.	2315.7	2317.8	2.1	5380.2	5391.8	11.6	—	Nitesh		
10-12-2023	7.48	35.7	750	2	0	5.71	40c	610	0	0	25l.	2317.8	2319.8	2.0	5391.8	5403.6	11.8	480	Nitesh	Sunday	
11-12-2023	7.49	35.6	712	0	0	5.61	40c	700	0	0	30l	2319.8	2322.0	2.2	5403.6	5415.8	12.2	—	Nitesh		
12-12-2023	7.52	35.4	687	0	20	5.59	39c	685	0	0	30l	2322.0	2324.1	2.1	5415.8	5427.9	12.1	—	Nitesh		
13-12-2023	7.63	35.1	630	1	50	5.60	40c	680	0	0	30l.	2324.1	2326.4	2.3	5427.9	5440.3	12.4	550	Nitesh		
14-12-2023	7.41	36.2	610	1	75	5.70	40c	685	0	0	25l.	2326.4	2328.8	2.4	5440.3	5452.7	12.4		Nitesh		
15-12-2023	7.46	36.1	580	0	95	5.72	40c	675	0	0	30l.	2328.8	2330.9	2.1	5452.7	5464.9	12.2		Nitesh		
16-12-2023	7.53	36.0	545	1	105	5.58	40c	640	0	0	30l.	2330.9	2332.6	1.7	5464.9	5475.8	10.9	500	Nitesh		
17-12-2023	7.61	36.2	450	1	200	5.64	40c	650	0	0	25l.	2332.6	2334.5	1.9	5475.8	5486.7	10.9		Nitesh	Sunday	
18-12-2023	7.60	36.4	340	0	310	5.73	40c	650	0	0	30l.	2334.5	2336.5	2.0	5486.7	5498.2	11.5		Nitesh		
19-12-2023	7.55	36.4	300	0	350	5.63	40c	650	0	0	30l.	2336.5	2338.7	2.2	5498.2	5510.7	12.5	450	Nitesh		
20-12-2023	7.47	36.2	280	0	400	5.56	40c	680	0	0	40l.	2338.7	2341.0	2.3	5510.7	5523.0	12.3		Nitesh		
21-12-2023	7.57	36.4	100	0	500	5.60	40c	600	0	0	50l.	2341.0	2343.4	2.4	5523.0	5535.4	12.4	400	Nitesh		
22-12-2023	7.55	36.1	100	0	500	5.72	40c	600	0	0	50l.	2343.4	2345.5	2.1	5535.4	5547.6	12.2		Nitesh		
23-12-2023	7.60	36.0	90	0	510	5.70	40c	600	0	0	50l.	2345.5	2347.7	2.2	5547.6	5560.0	12.4		Nitesh		
24-12-2023	7.60	36.2	110	1	500	5.58	40c	610	0	0	50l	2347.7	2350.0	2.3	5560.0	5572.5	12.5	500	Nitesh	Sunday	
25-12-2023	7.40	35.9	75	0	450	5.60	39c	525	0	0	50l	2350.0	2352.0	2.0	5572.5	5584.5	12.0		Nitesh		
26-12-2023	7.63	35.7	80	1	430	5.66	40c	510	0	0	60l	2352.0	2354.1	2.1	5584.5	5596.6	12.1		Nitesh		
27-12-2023	7.50	35.4	90	1	450	5.55	40c	540	0	0	50l.	2354.1	2356.3	2.2	5596.6	5609.0	12.4	500	Nitesh		
28-12-2023	7.55	35.2	100	0	400	5.59	40c	500	0	0	50l	2356.3	2358.1	1.8	5609.0	5619.8	10.8		Nitesh		
29-12-2023	7.42	35.4	100	0	450	5.54	40c	550	0	0	50l.	2358.1	2359.8	1.7	5619.8	5630.5	10.7	480	Nitesh		
30-12-2023	7.43	35.6	100	0	450	5.60	40c	550	0	0	50l.	2359.8	2361.4	1.6	5630.5	5641.0	10.5		Nitesh		
31-12-2023	7.50	35.7	100	0	400	5.62	39c	500	0	0	50l.	2361.4	2363.2	1.8	5641.0	5651.6	10.6		Nitesh	Sunday	

2022-23

AQAR for AY 2022-23

Criteria	Description	Paragraphs for AQAR 2022-23
7.1.4	Water conservation facilities available in the Institution: a) Rain water Harvesting Bore well/Open well recharge b) Construction of tanks and bunds Waste water recycling c) Maintenance of water bodies and distribution system in the campus	The university has implemented a comprehensive rainwater harvesting system across its campus for improving groundwater levels. This includes rainwater harvesting pits covering a 2500 sqm catchment area adjacent to newly constructed academic blocks. The university capitalizes on its extensive 529000 sqm green cover, enabling natural rainwater percolation from neighbouring structures, complementing the campus-wide groundwater enhancement strategy. Notably, rainwater harvesting is integrated into all ongoing construction projects observable in the recently completed academic blocks 3 and 4. In addition to these initiatives, DTU has sought supplementary water supply from Delhi Jal Board to alleviate the strain on existing groundwater boreholes. Moreover, the campus has a 3000 sqm pond, serving as a reservoir for rainwater collection and contributing significantly to the overall augmentation of groundwater levels. Concurrently, the Sewage Treatment Plant efficiently recycles water, catering to the institution's horticultural and cleaning needs. Furthering its commitment to sustainable development, recent proposals gaining approval this year marks DTU's dedication to holistic enhancements. These include the thoughtfully planned improvement of the existing pond with aesthetically managed water overflow, the construction of a G+3 storeys student activity centre with a trapezoidal structure designed to accommodate yoga, meditation, and gymnasium facilities, and the establishment of a spacious 3-meter-wide pathway devoid of any boundary walls. Emphasizing the campus's excitement, forthcoming plans for a mini waterfall adjoining the pond and the installation of appropriate lighting arrangements have been approved. These initiatives reflect DTU's dedication to sustainable practices and infrastructure development for the welfare and engagement of its community.

ENGINEERING CELL
DELHI TECHNOLOGICAL UNIVERSITY
Shahbad Daulatpur, Main Bawana Road, Delhi – 110042

F.NO: DTU/Engg Cell/002591/2019-20/Civil/ 1157 Dated: 27.7.2022

To,
The Additional Chief Engineer M-3
Delhi Jal Board, Govt. of N.C.T. of Delhi
H-Block, Sector-15, Rohini, Delhi-110089

Sub: - Augmentation of Water Supply by DJB in Delhi Technological University-Reg.

Sir,

Kindly refer to letter No. DJB/ZE-VII (NW)-II/2020/375 dated 01-02-2020 regarding water supply /ferrule connection 25 mm dia. with communication pipe 50 mm dia. (G.I. pipe) approved by DJB against the total water requirement of 2.44 MLD for DTU Campus. (1.25 MLD Potable water + 1.19 MLD Non-Potable requirements). In this connection it is stated that there is an urgent need of augmentation of water supply in Delhi Technological University due to the following:-

1. Recently the Girls Hostel (660 Bed capacity) & Boys Hostel (330 Capacity) have been constructed and inaugurated by Hon'ble Deputy Chief Minister on 20th July 2022. These hostels are being started w.e.f. 01.08.2022. In view of this, now the water supply available to DTU is insufficient to cater the needs of residents and hostellers.

2. The present demand of potable water supply is about 1.25 MLD to cater the need of resident's hostels and academic buildings. However, the present connection of the water supply is able to deliver only 0.18 MLD against actual demand of 1.25 MLD potable water. Therefore, it is requested to provide one separate connection/meter for academic buildings of the University.

3. Permission for **installation of 08 (Eight) bore wells** in the DTU Campus may be accorded. The treated water can be used for supply potable water to hostels & residents after treatment in the case of emergency as present supply is only about 15% (0.18 MLD) of sanctioned demand of (1.25 MLD).

ACE(M)-3 1230
Diary No.....
Date 28-7-22

4. In this regard a request has been sent through letter No. DTU/Engg Cell/002298/2017-18/Civil/2394 on dated 11.02.2022 addressed to Chief Executive Officer, 1st Floor Varunalaya Ph-I, Jhandewalan, Karol Bagh, New Delhi, Delhi 110005. (Copy enclosed).

You are therefore, requested to augment the water supply and increase the connection size so that university can get the water of demand duly sanctioned vide office letter No. DJB/ZE-VII (NW)-II/2020/375 dated 01-02-2020 and accord permission to install 8 bore wells to meet out water deficiency in the DTU Campus.

D/L

(Prof. Madhusudan Singh)
Registrar, DTU

Registrar
Delhi Technological University
(Formerly Delhi College of Engineering)
Shahbad Daulatpur, Bawana Road,
Delhi-110042

ENGINEERING CELL
DELHI TECHNOLOGICAL UNIVERSITY
Shahbad Daulatpur, Main Bawana Road Delhi – 110042

REMINDER-1

F.NO: DTU/Engg Cell/002591/2019-20/Civil/ 1519-25 Dated: 21/8/023

To,
The Additional Chief Engineer M-3
Delhi Jal Board, Govt. of N.C.T. of Delhi
H-Block, Sector-15, Rohini, Delhi-110089

Sub: - Augmentation of Water Supply by DJB in Delhi Technological University-Reg.
Ref. :- F.NO: DTU/Engg Cell/002591/2019-20/Civil/1157 on dated 21/07/2022

Sir,

Kindly refer to letter No. F.NO: DTU/Engg. Cell/002591/2019-20/Civil/1157 dated 27/07/2022 vide which it was requested to augment the present DJB water supply connection in the university campus and increase the size of connection so that university can get the adequate water to meet the demand as the present supply of DJB water through existing commercial water connection(approved office letter No. DJB/ZE-VII (NW)-II/2020/375 dated 01-02-2020) is quite insufficient. Further, it is also requested to accord permission to install 08 Nos. bore wells to meet out water deficiency in the DTU Campus after treatment of bore water.

In view of the above facts, it is once again requested to kindly look into matter personally and do the needful at the earliest.

Copy Enclosed:-

1. A copy of this office letter no. F.NO: DTU/Engg. Cell/002591/2019-20/Civil/1157 on dated 27/07/2022

21/8/23
(Prof. Amit Kumar Srivastava)
Chief Project Officer, DTU

File No. DTU/Engg.Cell/003359/2023-24/ 1519-25 Dated: 21/8/023

Copy to:

1. P.S. to Hon'ble V.C. for kind information. 22/8
2. Registrar, DTU. 22/8/23
3. COF, DTU
4. Sr.AO- II, DTU 22/8/2023
5. AE/JE concerned.
5. Guard File

ACE(M)-3
Diary No...1284.....
Date.....22/8/23

Assistant Engineer, Civil 21/8/23

O/C

C/14

ENGINEERING CELL
DELHI TECHNOLOGICAL UNIVERSITY
Shahbad Daulatpur, Main Bawana Road, Delhi – 110042

F.NO: DTU/Engg Cell/002298/2017-18/Civil/6154 Dated: 20/9/2022

To,
The Zonal Revenue Officer,
Main Safiabad,
Major District Road 138,
Sanjay Colony, Narela,
Delhi, 110040

Sub:- Submitting of Application form for New Connection of Domestic Water supply and Sewerage Connection for DTU at Shahbad Daulatpur Bawana Road Delhi.

Sir,

Kindly refer to your office letter No. DJB/ZE-VII (NW)-II/2020/375 dated 01-02-2020, through which water supply /ferrule connection 25 mm dia. with communication pipe 50 mm dia. (G.I. pipe) has been approved by Delhi Jal Board. DJB has allowed bulk/ individual water connections. As DTU is a residential campus where in 336 Nos. of different quarters and hostels for about 3000 students are there. Present bulk water supply is used to meet the residential demand only. As the present average water supply is about 0.185 MLD as against actual demand of 1.25 MLD (Potable Water) for both the residential and academic area.

In this matter, a review meeting was held on 29.01.2022 with DJB senior officials & DTU officers after discussion. It was decided that DTU may apply for new domestic connection for the residential area. Accordingly the new domestic water connection is applied online through Application Ref. No.468612674723 on dated 17.09.2022.

Hence, you are requested to provide a separate new domestic water connection for the residential area at earliest.

Please find enclosed herewith details as follows:-

1. Application Form for New Connection water and Sewerage.
2. Adhar Card
3. Photo identity card
4. Khasra No.
5. Master Plan
6. Purposed Area

17/9/22
(Prof. Amit Kumar Srivastava)
Chief Project Officer

F.NO: DTU/Engg Cell/002298/2017-18/Civil/6154 Dated: 20/9/2022

Copy to:-

1. PS to Hon'ble Vice Chancellor for kind information of Hon'ble VC, DTU
2. Registrar, DTU
3. Member (Finance), Delhi Jal Board
4. COF,DTU
5. Guard File

20/9/22

17/9/22
(Prof. Amit Kumar Srivastava)
Chief Project Officer

O/C

Engineering Cell
DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daulatpur, Main Bawana Road, Delhi-42

F.NO: DTU/Engg Cell/002298/2017-18/Civil/1526-32 Dated: 21/8/023

REMINDER-I

DELHI JAL BOARD
Zonal Revenue ofice (NW)-III
Narela Zone

Diary No. 2260
Date: 23/8/23
K No.
NOTICE/ सूचना
Please Visit Again with in 10 to 20 Days to Know the Position

To,
The Zonal Revenue Officer,
Main Safiabad,
Major District Road 138,
Sanjay Colony, Narela,
Delhi, 110040

Sub:- Submitting of Application form for New Connection of Domestic Water supply and Sewerage Connection for DTU at Shahbad Daulatpur Bawana Road Delhi.

Ref: No.DTU/Engg. Cell/002298/2017-18/Civil/6154 dated 20.09.2022

Sir,

With reference to the above, it is to informed you that a commercial connection of 25mm dia. with communication pipe of 50 mm dia. (G.I. pipe) has already been provided by Delhi Jal Board which was approved vide your office letter No. DJB/ZE-VII (NW)-II/2020/375 dated 01-02-2020. Further, it was decided in the review meeting held on 29.01.2022 with DJB senior officials & DTU officers that new separate domestic water connection be applied by DTU. Accordingly, new connection was applied online by DTU vide Application Ref. No.468612674723 on dated 17.09.2022 for Residential Complex. In this connection it is to informed you that this connection has not been approved by DJB till date. University is being facing lot of problems due to scarcity of portable water in the campus.

Keeping in view the above circumnutates you are again requested to provide a separate new domestic water connection for the residential area at the earliest.

21/8/23
(Prof. Amit Kumar Srivastava)
Chief Project Officer

F.NO: DTU/Engg Cell/002298/2017-18/Civil/1526-32 Dated: 21/8/023

Copy to:-

1. PS to Hon'ble Vice Chancellor for kind information of Hon'ble VC, DTU
2. Registrar, DTU
3. Member (Finance), Delhi Jal Board
4. The Additional Chief Engineer M-3, Delhi Jal Board, Govt. of N.C.T. of Delhi H-Block, Sector-15, Rohini, Delhi-110089
5. COF,DTU
6. Guard File

O/C

Assistant Engineer, Civil

Engineering Cell
DELHI TECHNOLOGICAL UNIVERSITY

Shahbad Daulatpur, Bawana Road, Delhi – 110042
Telephone: 01127852188

F.No. DTU/Engg.Cell/003544/2022-23/Civil/3336-38 Date: 20.12.2022

To,

Chief Engineer (Other Projects),
P.W.D. (GNCTD) 13th Floor, M.S.O. Building,
IP Estate, New Delhi-110002

Subject: Development of exiting pond including construction of student activity centre at Delhi Technological University Campus, Bawana Road, Delhi.

Sir,

With reference to above subject it is brought to your kind notice that building and works committee of Delhi Technological University has approved the above work and decided to execute this work through PWD Delhi. Therefore, I have been directed by the Competent Authority to place the requisition for taking up the above said work.

Exiting pond inside the DTU main campus is filled up with waste and dirty water for the last several years. Water from the adjoining area is also percolating into the pond and creating water logging. Nearby area of the pond has already been developed with G+8 Academic Block and G+11 Boys Hostel. Therefore, premises of pond is required to be developed with provision of student activity centre for effective use of students and staff.

Scope of work includes following:

1. Development of exiting pond with provision of over flow management of water with aesthetic look.
2. Construction of student activity centre building G+3 with SPS structure of trapezoidal shape having facility for student activity, Yoga, Meditation and Gymnasium.
3. Minimum 3 meter wide pathway without any toe/boundary wall.
4. A mini water fall may be provided along sides of pond.
5. Necessary lighting arrangements in the pond area.

In view of above, it is requested to you direct the concerned engineer to take up the work at priority. It is also requested to prepare and submit the preliminary estimate of above work at the earliest. Necessary A/A & E/S shall be conveyed by the DTU as soon as the PE is received. An immediate action in the matter is requested please.

(Prof. Amit Srivastava)
Chief Project Officer

Copy to:

1. P.S. to Hon'ble V.C. for kind information to Hon'ble V.C., DTU. 20/12/22
2. Registrar, DTU for kind information. 20/12
3. Project Manager PWD, (Higher Education Project), PWD Lajpat Nagar-4 near Kendriya Vidyalaya, Andrews Ganj, New Delhi-110024.
4. Exective Engineer, Education Project Division-04, B-Block, 1st Floor, Vikas Bhawan-II, Civil Lines, Delhi-110054.
5. Consultant (Civil), DTU.
6. AE (Civil), DTU.
7. Guard File.

O/C

(Prof. Amit Srivastava)
Chief Project Officer

Email/Speed Post/By Hand

	लोक निर्माण विभाग, कार्यालय कार्यपालक अभियंता शिक्षा परियोजना मंडल–4 लो नि वि. दिल्ली सरकार, ए ब्लाक, प्रथम तल, विकास भवन–2, सिविल लाइन्स दिल्ली–110054	**Public Works Department** O/o Executive Engineer, Education Project Division-4 P.W.D. Government of NCT of Delhi, A Block, 1st Floor, Vikas Bhawan-II, Civil Lines, Delhi-110054	
011-23813801	E-Mail : eepwddelhiedu4@gmail.com		

सं. 23(3) / का.अभि. / शिक्षा परि.मं.–4 / लो.नि.वि. / 2023–24 / 455 दिनांकः 07/08/2023

सेवा में,

प्रो. अमित श्रीवास्तव,
मुख्य परियोजना अधिकारी,
दिल्ली टेक्नोलॉजिकल यूनिवर्सिटी,
शाहबाद दौलतपुर, बवानारोड,
दिल्ली–110042

Mr. Akshay (CDC)
1618

विषयः–**Development of existing pond including construction of student activity centre at Delhi Technological University, Bawana Road, Delhi.**

संदर्भः–आपके कार्यालय का पत्र सं.DTU/Engg.Cell/003544/2022-23/Civil/1260-66 दिनांक 27.07.2023

महोदय,

Reference to the above subject, this is to inform that Preliminary Estimate of providing consultancy services for the above mentioned work amounting to Rs. 48,26,046/- has been forwarded to Joint Director (Tech/Planning), DTTE by Chief Engineer (Other Projects) vide their letter No. 23(53) / मु.अभि.(ओ.पी.) / लो.नि.वि. / 2023–24 / 901–हि dated 05.07.2023 (Copy attached). The A/A & E/S of same is awaited.

This is for your information and necessary action please.

संलग्नः–As above

07/08/23

कार्यपालक अभियंता
शिक्षा परि.मंडल–4, लो.नि.वि

प्रतिलिपिः–

1. मुख्य अभियंता (अन्य परियोजनायें), लो.नि.वि., दिल्ली सरकार, 13वॉ तल, एम.एस. ओ. भवन, आई. पी.एस्टेट, नई दिल्ली–110002 को सूचनार्थ।
2. परियोजना प्रबन्धक (उच्च शिक्षा परियोजनायें), लोक निर्माण विभाग, लाजपत नगर–4, नियर केन्द्रीय विद्यालय, एन्ड्रयूज गंज,नई दिल्ली–110024 को सूचनार्थ।
3. सहायक अभियंता–1, शिक्षा परियोजना मंडल–4, लो.नि.वि, दिल्ली को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।
4. गार्ड फाईल।

1197/Ch
9/8/2023
16/8/2023

कार्यपालक अभियंता

SURESH GOEL & ASSOCIATES
ARCHITECTS • ENGINEERS • PLANNERS
S-83, PANCHSHILA PARK, NEW DELHI-110017
TEL.: (O) 26014466, 26016341 FAX : (011) 26011441
FAX : (011) 26011441 GRAM : SARJAN
E-mail : general@sgadesignlab.com

Ref:-SGA/18006/DTU/2022/6049
Date:- 29.03.2022

To,
The Executive Engineer,
Delhi Technological University,
Shahbad Daulatpur,
Main Bawana Road,
Delhi-110042.

Subject : Comprehensive Consultancy Services for Designing & Development of Buildings of Phase II of Delhi Technological University at Bawana Road, Delhi.

Ref: Rainwater harvesting drawings and calculations

Dear Sir,
As discussed please find enclosed the following drawings ans rain water calculations.
1-Acdamic Block Run off calculation.
2-Rain water harvesting percolation pit(20.0 cu.m)
3-Rain water harvesting percolation pit(22.0 cu.m)
4-Rain water harvesting percolation pit(32.0 cu.m)

Thanking You

Yours Faithfully

For Suresh Goel & Associates

SURESH GOEL & ASSOCIATES ARCHITECTS
Tel. 26014466
26016341
S-83, Panchshila
Park, N.D-17

(1)

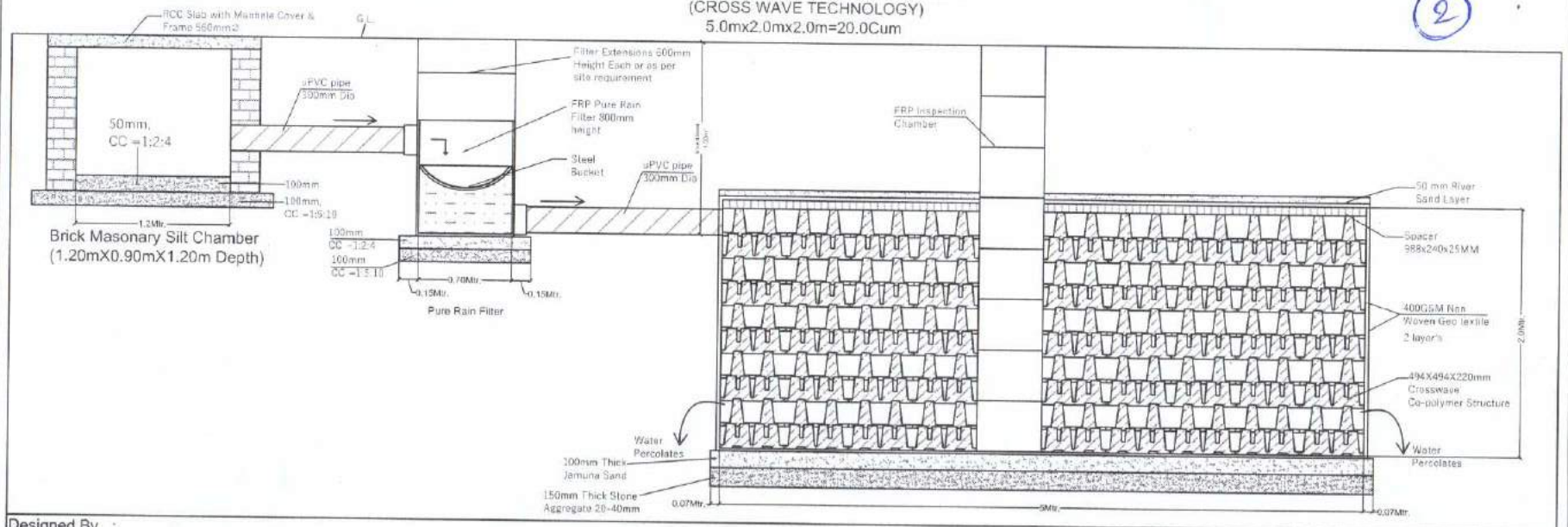
Academic Block								
Runoff Calculation								
	Total Plot Area(SQM)	Area Description	Area(SQM)	Run off co-efficient	Avg Rainfall	Actual Vol. 1 hr	Proposed Volume (Cum) / hr	Proposed Volume for 15 (Cum) / min
1		Roof Top	2677	90%	0.026	62.64	494.55	123.6372
		Green	5434.43	15%	0.026	21.19		
		Paved	19746.05	80%	0.026	410.72		
		Total	27857.26		Proposed Cum		494.55	CUM
Girls Hostel								
Runoff Calculation								
	Total Plot Area(SQM)	Area Description	Area(SQM)	Run off co-efficient	Avg Rainfall	Actual Vol. 1 hr	Proposed Volume (Cum) / hr	Proposed Volume for 15 (Cum) / min
2		Roof Top	402	90%	0.026	9.41	164.58	41.14468
		Green	817	15%	0.026	3.19		
		Paved	7307	80%	0.026	151.99		
		Total	8526		Proposed Cum		164.58	CUM
Boys Hostel								
Runoff Calculation								
	Total Plot Area(SQM)	Area Description	Area(SQM)	Run off co-efficient	Avg Rainfall	Actual Vol. 1 hr	Proposed Volume (Cum) / hr	Proposed Volume for 15 (Cum) / min
3		Roof Top	325	90%	0.026	7.61	100.70	25.17515
		Green	660	15%	0.026	2.57		
		Paved	4352	80%	0.026	90.52		
		Total	5337		Proposed Cum		100.70	CUM
		Total (IN CUM)						189.957

S.No.	Description	Academic Block	Girls Hostel	Boys Hostel	Remarks
1	Total Discharge	494.5	164.58	100.7	
2	Recharge Volume pit Proposed (25% of total volume)	123.64	41.15	25.18	
3	Pit Volume Proposed in Cum	32	20	22	
	Say	4	2	1	7

SURESH GOEL & ASSOCIATES ARCHITECTS
Tel. 26014466
26016341
S-83, Panchshila
Park, N.D-17

RAIN WATER HARVESTING PERCOLATION PIT
(CROSS WAVE TECHNOLOGY)
5.0mx2.0mx2.0m=20.0Cum

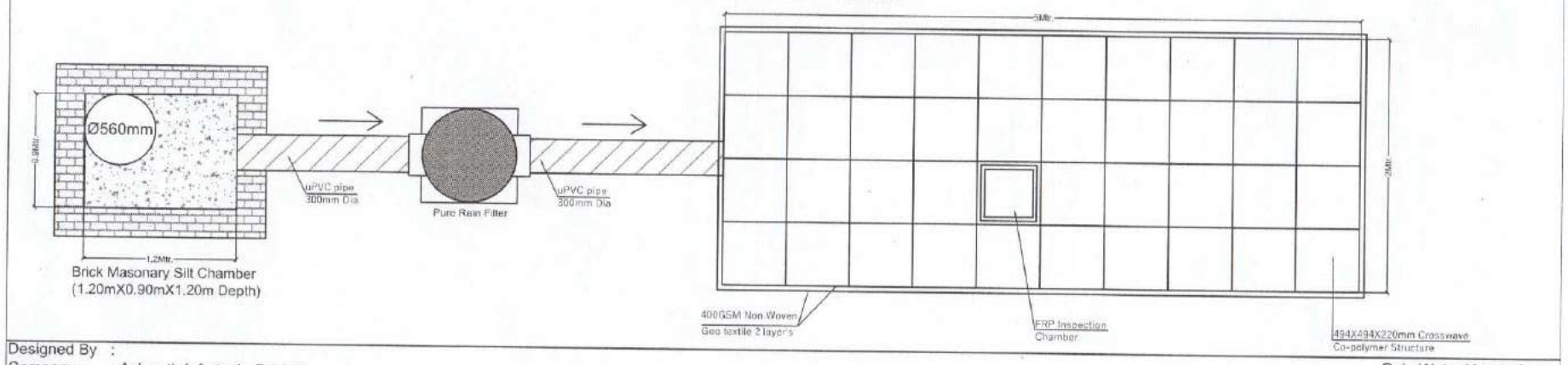
(2)



Designed By :
Company : Ashwath Infratech Pvt Ltd,
Building No.2, 4th floor, Masoodpur Farms,
Vasant Kunj, New Delhi-110070

Rain Water Harvesting
Percolation Pit
Cross Section View
5.0mx2.0mx2.0m=20.0Cum

RAIN WATER HARVESTING PERCOLATION PIT
(CROSS WAVE TECHNOLOGY)
5.0mx2.0mx2.0m=20.0Cum



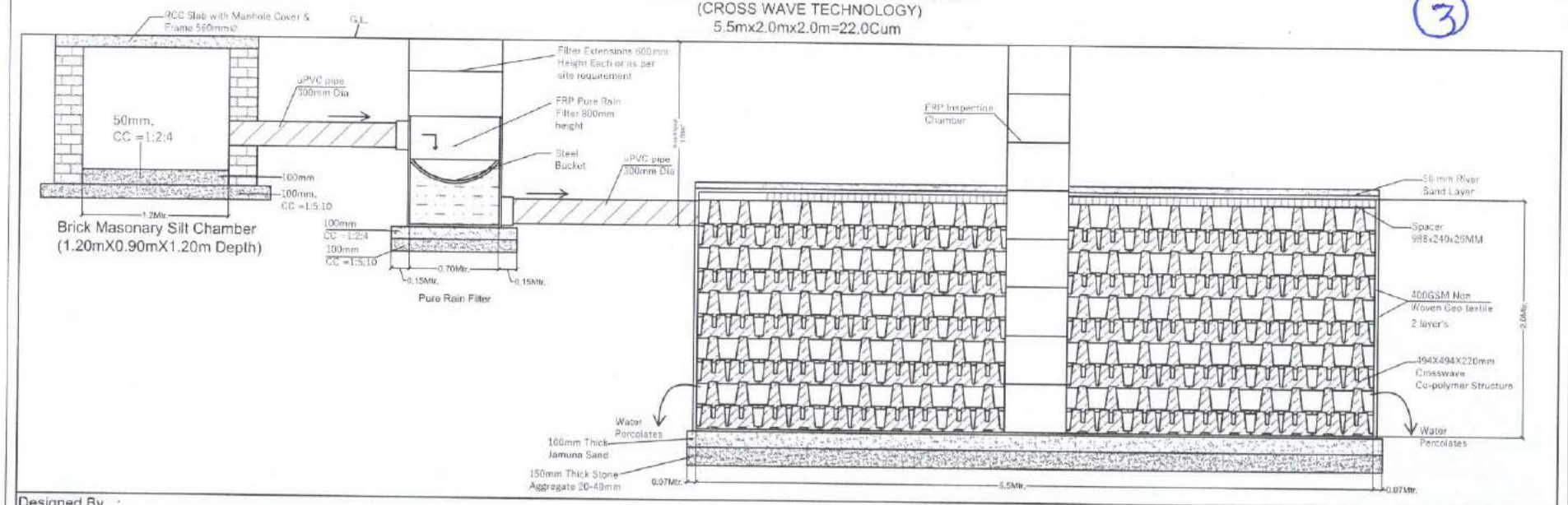
Designed By :
Company : Ashwath Infratech Pvt Ltd,
Building No.2, 4th floor, Masoodpur Farms,
Vasant Kunj, New Delhi-110070

Rain Water Harvesting
Percolation Pit
Top view (Plan)
5.0mx2.0mx2.0m=20.0Cum

SURESH GOEL & ASSOCIATES ARCHITECTS
Tel. 26014486
26016341
S-83, Panchshila
Park, N.D-17

RAIN WATER HARVESTING PERCOLATION PIT
(CROSS WAVE TECHNOLOGY)
5.5mx2.0mx2.0m=22.0Cum

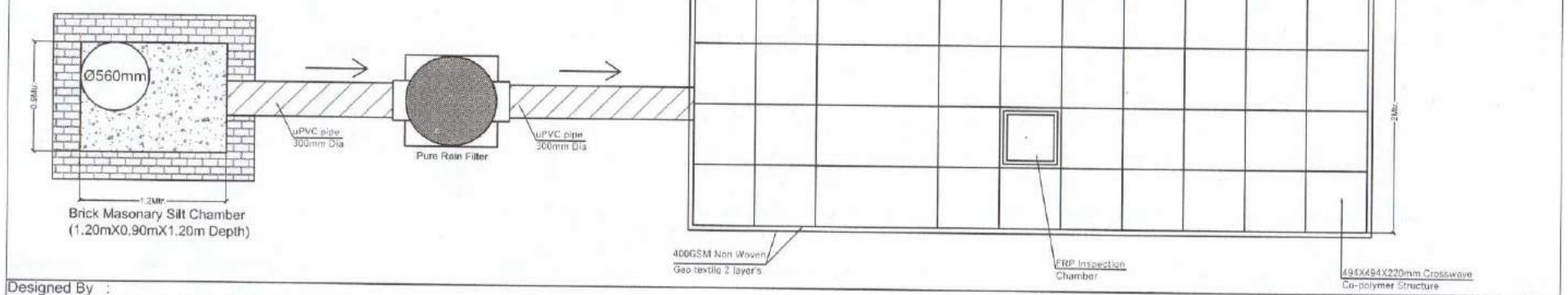
(3)



Designed By :
Company : Ashwath Infratech Pvt Ltd,
Building No.2, 4th floor, Masoodpur Farms,
Vasant Kunj, New Delhi-110070

Rain Water Harvesting
Percolation Pit
Cross Section View
5.5mx2.0mx2.0m=22.0Cum

RAIN WATER HARVESTING PERCOLATION PIT
(CROSS WAVE TECHNOLOGY)
5.5mx2.0mx2.0m=22.0Cum

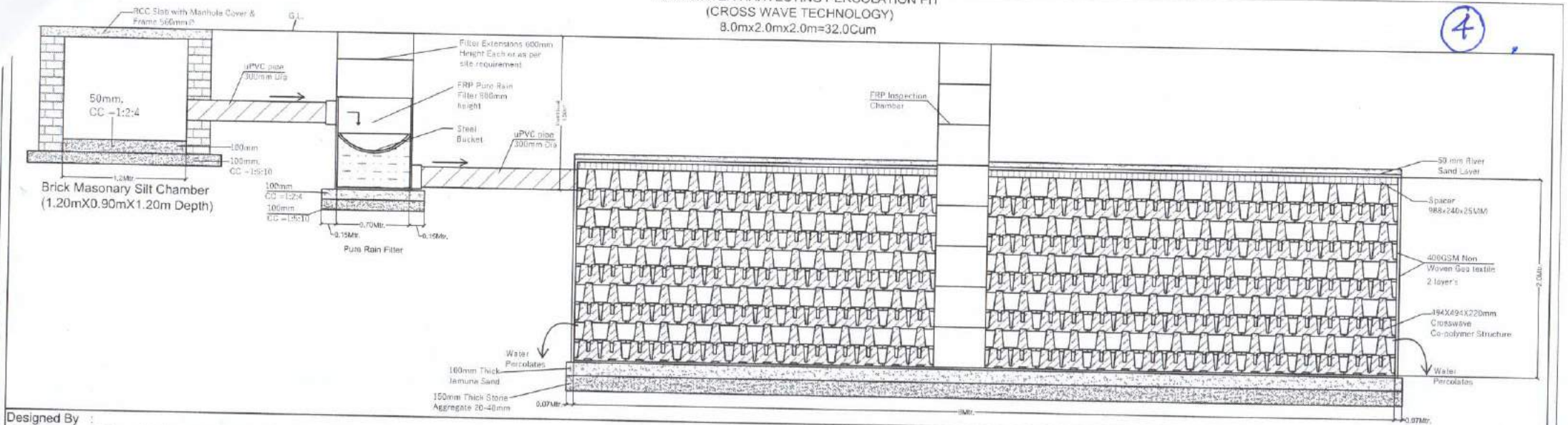


Designed By :
Company : Ashwath Infratech Pvt Ltd,
Building No.2, 4th floor, Masoodpur Farms,
Vasant Kunj, New Delhi-110070

Rain Water Harvesting
Percolation Pit
Top view (Plan)
5.5mx2.0mx2.0m=22.0Cum

SURESH GOEL & ASSOCIATES
ARCHITECTS
Tel. 26014466
26016341
S-83, Panchshila
Park, N.D-17

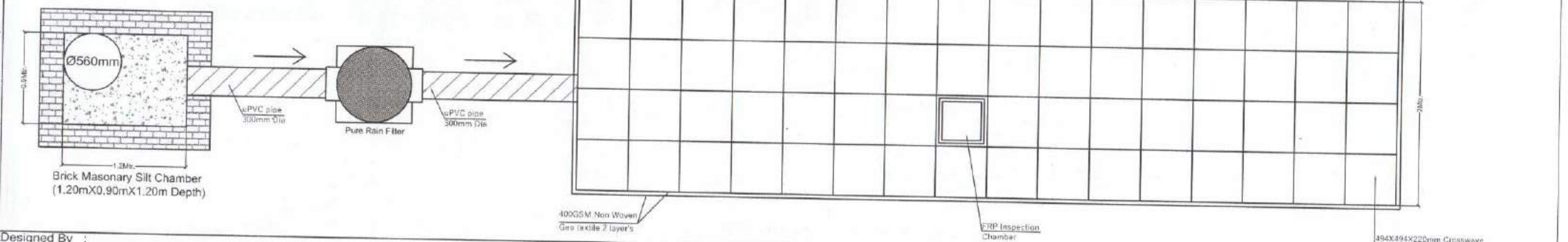
RAIN WATER HARVESTING PERCOLATION PIT
(CROSS WAVE TECHNOLOGY)
8.0mx2.0mx2.0m=32.0Cum



Designed By :
Company : Ashwath Infratech Pvt Ltd,
Building No.2, 4th floor, Masoodpur Farms,
Vasant Kunj, New Delhi-110070

Rain Water Harvesting
Percolation Pit
Cross Section View
8.0mx2.0mx2.0m=32.0Cum

RAIN WATER HARVESTING PERCOLATION PIT
(CROSS WAVE TECHNOLOGY)
8.0mx2.0mx2.0m=32.0Cum



Designed By :
Company : Ashwath Infratech Pvt Ltd,
Building No.2, 4th floor, Masoodpur Farms,
Vasant Kunj, New Delhi-110070

Rain Water Harvesting
Percolation Pit
Top view (Plan)
8.0mx2.0mx2.0m=32.0Cum

SURESH GOEL & ASSOCIATES
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STOP CORONA:
I. Wear Mask.
II. Follow Physical Distancing.
III. Maintain Hand Hygiene.

Delhi Jal Board (दिल्ली जल बोर्ड)

(Government of NCT of Delhi)
www.djb.gov.in
Regular Water Bill

Name(नाम): DELHI TECHNOLGICAL UNIVERSITY
Address(पता): SHAHBAD DAULATPUR , BAWANA ROAD DELHI, SHIV VIHAR, SHAHBAD DAULATPUR VILLAGE, 110042
Mobile No. . (मोबाइल): 8505812925
Zone/Loc (क्षेत्र / स्थान): NW2 / Narela
Area Code (एरिया कोड): A-1
MR Code (एमआर कोड): 387/
KNO(केएनओ): 6033081242

Consumer Category(उपभोक्ता श्रेणी): CAT II
Premise Detail (परिसर विवरण): Individual House(No of floors-1)
Meter No. (मीटर संख्या): 12428/67
Meter Type (मीटर का प्रकार) **(DJB/Pvt):**
Bill No. (बिल संख्या): 603893909603
Bill Cycle(बिल चक्र): (B3-2023)
Bill Basis(बिल आधार): REGULAR

Bill Date(बिल की तिथि)
19-JUN-2023

Bill Amount (Rs.) (बिल राशि (रु।))
480117

Bill Amount Payable (Rs.)(देय बिल राशि (रु।))
(Nearest up to Rs. 10) (लगभग 10 रु। तक)
480120

Bill Due Date(बिल देय तिथि)
06-JUL-2023

Amount Payable After Due Date(Rs.)
(देय तिथि के बाद देय राशि (रु))
504123

Meter No (मीटर संख्या)	UoM	Current Meter Read (मीटर की वर्तमान रीडिंग)		Previous Meter Read (मीटर की पिछली रीडिंग)		Consumption (खपत)	
		Meter Reading Date (मीटर रीडिंग की तारीख)	Reading / Meter Status (रीडिंग / मीटर स्थिति)	Meter Reading Date (मीटर रीडिंग की तारीख)	Reading / Meter Status (रीडिंग / मीटर स्थिति)	Days (दिन)	Units (यूनिट)
12428/67	KL	19-JUN-2023	45163 / OK	24-MAY-2023	42399 / OK	26	2764

Bill Details: Current Period Charges (बिल विवरण: वर्तमान अवधि शुल्क) (24-MAY-2023 to 19-JUN-2023)

Applicable Rate Period	Description	Amount(Rs.)
25-MAY-2023 to 19-JUN-2023	Total Consumption Charges	478976.36
25-MAY-2023 to 19-JUN-2023	Service Charge - Consumption > 100 KL	1142.00
25-MAY-2023 to 19-JUN-2023	Sub Total Bill Amount without Meter Rent	480118.36
25-MAY-2023 to 19-JUN-2023	Subtotal Bill Amount	480118.36
	Adjustment Details Are Listed Below	

Bill verified of Rs. 4,80,120/-
J.E Civil
C.P.O

Arrear, If any (Rs.) (बकाया, यदि कोई (रु))			-1.53
Total Consolidated Bill Amount Payable (Rs.) (कुल समेकित बिल राशि देय (रु))			480117
Late Payment Surcharge (Rs.)(देर से भुगतान पर अधिभार) **(5% surcharge will be applicable after due date)**(देय तिथि के बाद 5% अधिभार लागू होगा)	2400 5.84	**Amount with LPSC after due date (Rs.)** (देय तिथि के बाद अधिभार के साथ राशि (रु)	504123
PAYABLE AMOUNT TO AVAIL REBATE SCHEME (Rs.) (छूट योजना के लिए देय राशि (रु।))			

Bill History (पिछला बिल)

Bill from Date	Bill to Date	Days	Reading	Status	Units	Amount(Rs
18-APR-2023	24-MAY-2023	36	42399	OK	3852	669159
25-MAR-2023	18-APR-2023	24	38547	OK	2743	476851
25-FEB-2023	25-MAR-2023	28	35804	OK	3159	2068624
27-DEC-2022	25-FEB-2023	60	32645	OK	8721	1519530
18-NOV-2022	27-DEC-2022	39	23924	OK	8619	1506043

Payment History (पिछला भुगतान)

Receipt Id	Amount(Rs)	Date
603174177775	669160.00	12-JUN-2023
603637484463	476850.00	28-APR-2023
603636509982	549094.00	10-APR-2023
603139025443	1519530.00	29-MAR-2023
603824551741	1506040.00	09-FEB-2023

Important Message

If bill is not paid till Bill Due Date- connection may be disconnected (यदि बिल देय तिथि तक बिल का भुगतान नहीं किया जाता है- कनेक्शन काट दिया जा सकता है)
For any assistance / query : Please call 1916 or www.djb.gov.in (किसी भी सहायता / जानकारी के लिए: 1916 पर कॉल करें या www.djb.gov.inपर जाएं)

Delhi Jal Board
Bill Payment Counter Foil

Cheque / DD should be drawn in favour of DJB in the following format
(चैक / डिमांड ड्राफ्ट द्वारा भुगतान करने के लिए निम्न फार्मेट का उपयोग करें) DJB KNO

KNO(केएनओ)	6033081242	**Name(नाम)**	DELHI TECHNOLGICAL UNIVERSITY	**Bill No.** (बिल संख्या)	603893909603
Bill Date(बिल की तिथि)	19-JUN-2023	**Bill Due Date** (बिल देय तिथि)	06-JUL-2023	**Bill Amount (Rs.)** (बिल राशि (रु।)	480117
Bill Amount with LPSC (Rs.): (LPSC के साथ बिल राशि (रु।)):	504123	**Payment Date/** (भुगतान की तारीख)		**Cash/Cheque No./DD No.:** (कैश / चेक नंबर / डीडी नं .:)	
		Amount Paid(Rs.) (राशि का भुगतान (रु।)			
		Name of Bank / Branch (बैंक / शाखा का नाम)			

C/24

STOP CORONA:
I. Wear Mask.
II. Follow Physical Distancing.
III. Maintain Hand Hygiene.

Delhi Jal Board (दिल्ली जल बोर्ड)

(Government of NCT of Delhi)
www.djb.gov.in
Regular Water Bill

Name(नाम): DELHI TECHNOLGICAL UNIVERSITY
Address(पता): SHAHBAD DAULATPUR , BAWANA ROAD DELHI, SHIV VIHAR, SHAHBAD DAULATPUR VILLAGE, 110042
Mobile No. . (मोबाइल): 8505812925
Zone/Loc (क्षेत्र / स्थान): NW2 / Narela
Area Code (एरिया कोड): A-1
MR Code (एमआर कोड): 387/

KNO(केएनओ): 6033081242

Consumer Category(उपभोक्ता श्रेणी): CAT II
Premise Detail (परिसर विवरण): Individual House(No of floors-1)
Meter No. (मीटर संख्या): 12428/67
Meter Type (मीटर का प्रकार) (DJB/Pvt):
Bill No. (बिल संख्या): 603466338886
Bill Cycle(बिल चक्र): (B2-2023)
Bill Basis(बिल आधार): REGULAR

Bill Date(बिल की तिथि)
24-MAY-2023

Bill Amount (Rs.) (बिल राशि (रु))
669159

Bill Amount Payable (Rs.)(देय बिल राशि (रु।))
(Nearest up to Rs. 10) (लगभग 10 रु। तक)
669160

Bill Due Date(बिल देय तिथि)
12-JUN-2023

Amount Payable After Due Date(Rs.)
(देय तिथि के बाद देय राशि (रु))
702617

Meter No (मीटर संख्या)	UoM	Current Meter Read (मीटर की वर्तमान रीडिंग)		Previous Meter Read (मीटर की पिछली रीडिंग)		Consumption (खपत)	
		Meter Reading Date (मीटर रीडिंग की तारीख)	Reading / Meter Status (रीडिंग / मीटर स्थिति)	Meter Reading Date (मीटर रीडिंग की तारीख)	Reading / Meter Status (रीडिंग / मीटर स्थिति)	Days (दिन)	Units (यूनिट)
12428/67	KL	24-MAY-2023	42399 / OK	18-APR-2023	38547 / OK	36	3852

Bill Details: Current Period Charges (बिल विवरण: वर्तमान अवधि शुल्क) (18-APR-2023 to 24-MAY-2023)

Applicable Rate Period	Description	Amount(Rs.)
19-APR-2023 to 24-MAY-2023	Total Consumption Charges	667576.94
19-APR-2023 to 24-MAY-2023	Service Charge - Consumption > 100 KL	1581.23
19-APR-2023 to 24-MAY-2023	Sub Total Bill Amount without Meter Rent	669158.17
19-APR-2023 to 24-MAY-2023	Subtotal Bill Amount	669158.17
	Adjustment Details Are Listed Below	

Bill verified of Rs. 6,69,160/-
A.E, Civil
A.E, Civil
C.P.D

Arrear, if any (Rs.) (बकाया, यदि कोई (रु))			0.30
Total Consolidated Bill Amount Payable (Rs.) (कुल समेकित बिल राशि देय (रु))			669159
Late Payment Surcharge (Rs.)(देर से भुगतान पर अधिभार) (5% surcharge will be applicable after due date)(देय तिथि के बाद 5% अधिभार लागू होगा)	3345 7.92	**Amount with LPSC after due date (Rs.)** (देय तिथि के बाद अधिभार के साथ राशि (रु)	702617
PAYABLE AMOUNT TO AVAIL REBATE SCHEME (Rs.) (छूट योजना के लिए देय राशि (रु।))			

Bill History (पिछला बिल)

Bill from Date	Bill to Date	Days	Reading	Status	Units	Amount(Rs
25-MAR-2023	18-APR-2023	24	38547	OK	2743	476851
25-FEB-2023	25-MAR-2023	28	35804	OK	3159	2068624
27-DEC-2022	25-FEB-2023	60	32645	OK	8721	1519530
18-NOV-2022	27-DEC-2022	39	23924	OK	8619	1506043
15-OCT-2022	18-NOV-2022	34	15305	OK	2248	387774

Payment History (पिछला भुगतान)

Receipt Id	Amount(Rs)	Date
603637484463	476850.00	28-APR-2023
603636509982	549094.00	10-APR-2023
603139025443	1519530.00	29-MAR-2023
603824551741	1506040.00	09-FEB-2023
603517637040	387770.00	05-DEC-2022

Important Message

If bill is not paid till Bill Due Date- connection may be disconnected (यदि बिल देय तिथि तक बिल का भुगतान नहीं किया जाता है- कनेक्शन काट दिया जा सकता है)
For any assistance / query : Please call 1916 or www.djb.gov.in (किसी भी सहायता / जानकारी के लिए: 1916 पर कॉल करें या www.djb.gov.inपर जाएं)

Delhi Jal Board
Bill Payment Counter Foil

Cheque / DD should be drawn in favour of DJB in the following format
(चैक / डिमांड ड्राफ्ट द्वारा भुगतान करने के लिए निम्न फार्मेट का उपयोग करें) DJB KNO

KNO(केएनओ)	6033081242	**Name(नाम)**	DELHI TECHNOLGICAL UNIVERSITY	**Bill No. (बिल संख्या)**	603466338886
Bill Date(बिल की तिथि)	24-MAY-2023	**Bill Due Date (बिल देय तिथि)**	12-JUN-2023	**Bill Amount (Rs.) (बिल राशि (रु।)**	669159
Bill Amount with LPSC (Rs.): (LPSC के साथ बिल राशि (रु।)):	702617	**Payment Date/ (भुगतान की तारीख)**		**Cash/Cheque No./DD No.:** (कैश / चेक नंबर / डीडी नं .:)	
		Amount Paid(Rs.) (राशि का भुगतान (रु।)			
		Name of Bank / Branch (बैंक / शाखा का नाम)			

2021-22

7.1.4 Water conservation facilities available in the Institution: Rainwater harvesting Bore well/Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

Rainwater harvesting is adopted across the entire campus to raise the groundwater level. Seven rainwater harvesting pits exist across the classroom blocks and other buildings catering to a catchment area of 2500 sqm. DTU also has more than 529000 sqm of green cover where rainwater from nearby buildings percolates in the ground. In addition to this, all the new buildings under construction have adequate provisions for rainwater harvesting. A pond with a 3000 sqm surface area is located within the campus. It collects rainwater and water from the rooftops to raise the groundwater level. The sewage treatment plant at DTU also serves to recycle water for horticultural and cleaning purposes.

GOVERNMENT OF NCT OF DELHI
DEPARTMENT OF TRAINING & TECHNICAL EDUCATION
MUNI MAYA RAM MARG; PITAM PURA; DELHI-110088.
PHONE: 011-27318548, FAX-2732534l.
E-MAIL ID: SPIU.DELHI@ YAHOO.IN AND DDPLGTTE.DELHI@NIC.IN
(PLANNING BRANCH)

DELHI GOVERNMENT
Team Delhi, Making things happen

DELHI GOVERNMENT
Team Delhi, Making things happen

F. 75 (9)/ DTTE/ Plg EFC/ 2013-14/ 000323618/ 527-35 Date: 11-09-2018

To

The Chief Project Manager (Housing),
PWD, 13th Floor, MSO Building,
I. P. Estate, New Delhi-110002,
Through Vice Chancellor,
DTU, Delhi.

SUB: ISSUE OF ADMINISTRATIVE APPROVAL & EXPENDITURE SANCTION.

Sir,

Sanction of the Competent Authority is accorded/ conveyed for A/A & E/S of estimated cost of Rs.291.88 Crore (Rs. Two Hundred Ninety One Crore and Eighty Eight Lakh only) including contingencies, labour cess, third party quality control, Architect consultancy each @ 1% and EPF/ ESI contribution @ 4.25% for civil work as mentioned below for construction of stage-I of DTU phase-II at Bawana, Delhi.

The expenditure involved on this account would be debitable to the under mentioned head of account for the year 2018-19 under Demand for Grant No. 06 - "Major Head 4202- 02.105 Infrastructure project of Autonomous Institution/ University, (Minor Head) 82 00 53 Major Works (Sub-Head) for current financial year i.e. 2018-19:

S. No.	Component	Covered Area (Sq. Mtr)	Remarks
1.	Building	1, 58, 840.41	Total Amount Approved by Council of Minister for the project: Rs. 291.88 Crore
A	Academic Area	69, 146.03	
B.	Hostel	50, 607.40	
C.	Residential Area	39, 086.98	
	TOTAL	1, 58, 840.41 sq. Mtr.	
	Period of Completion	Call of tender and award of work; 04 Months after date of A/A & E/S Execution of Work: 15 Months from the date of Award of Work	

The sanction is subject to the following conditions:

1. A copy of the detailed estimate may be submitted to the Project Monitoring Committee (PMC) to monitor the progress made by PWD in the concerned work as per the detailed estimate.

2. The monthly financial & physical progress report should be submitted regularly to the PMC/ Joint Director (Planning-TTE).

3. The progress for execution of work will be reviewed and monitored by PMC (consisting of VC-DTU, Registrar-DTU, Ex. Er.-DTU, Nominee of TTE, CPM-PWD-Housing, concerned Ex. Er.-PWD and third party quality assurance) on the basis of monthly progress report as in para 2.

4. The work will be completed by the PWD within time schedule as given by PWD in the estimate & completion certificate must be furnished to the PMC/ Joint Director (Planning), Department of Training & Technical Education, Delhi.

5. That total expenditure will not exceed the budget allocation under the specific sub-head during the financial year 2018-19. Rs. 50.00 Crore are placed/ allocated under above stated Head of Account for execution of this proj in the current financial year 2018-19.

6. All Codal formalities will be observed as per CPWD Manual by the executive agency along with compliance of guidelines issued by Finance Department from time to time and vide order no. DPAR 2012 (Civil), DPAR 2014 (Electrical), DSR 2016 s& Market Rate and other guidelines issued from CVC/ DTTE/ IT Department from time to time.

7. The work has been assigned Job No. 75 (8)/ DTTE/ Plg EFC/ 2013-14/ 000323618/ 01 Directorate of Training & Technical Education 2018-19, which should invariable be quoted for all further correspondence.

8. This issues with the prior approval of the Council of Ministers vide Cabinet Decision No. 2628 dated 28-08-2018.

Yours faithfully,

(Dr. O. P. Shukla)
Joint Director (Plg)

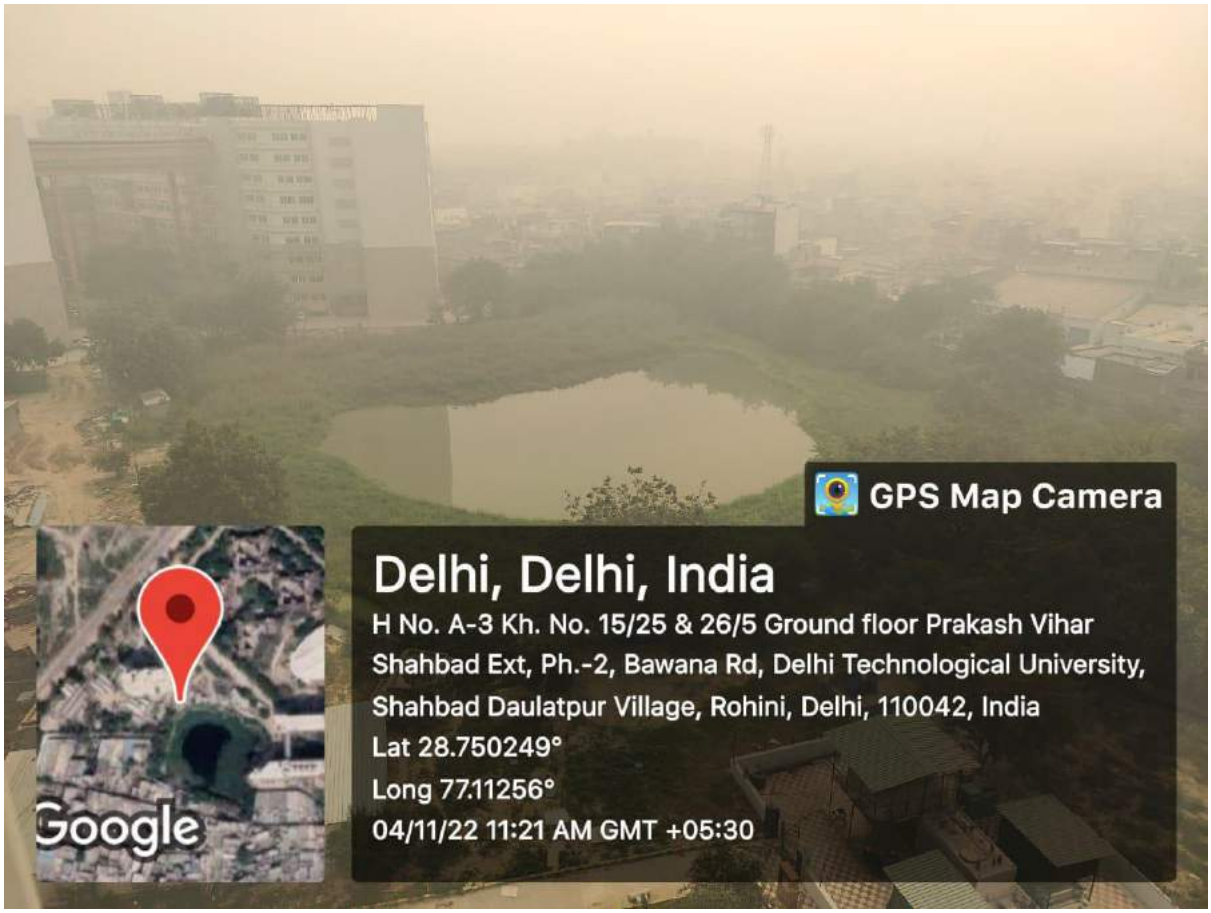
F. 75 (8)/ DTTE/ Plg EFC/ 2013-14/ 000323618/ 527-33
Date: 11-09-2018

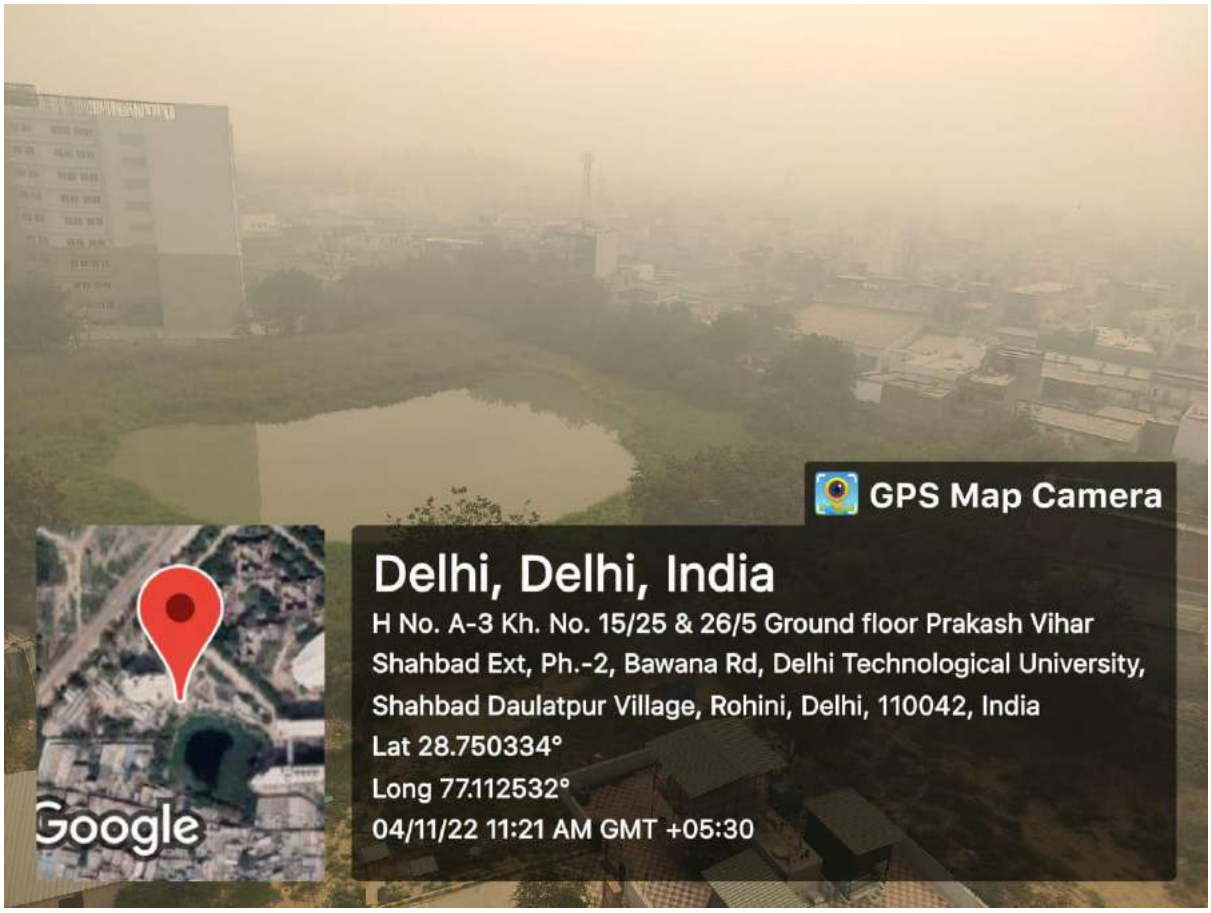
Copy to:

1. PS to Secretary (TTE)/ PS to Director (TTE) for information please
2. Engineer-In-Chief, PWD, MSO Building, ITO, New Delhi-110002
4. Vice Chancellor, DTU, Bawana Road, New Delhi
5. DCA (HQ) DTTE, Muni Maya Ram Marg, Pitam Pura, New Delhi-110088.
6. Sr. Accounts Officer, Directorate of Audit, Govt. of Delhi, Delhi Sachivalaya, New Delhi.
7. Executive Engineer, Engineering Division, DTU, Bawana Road, New Delhi.

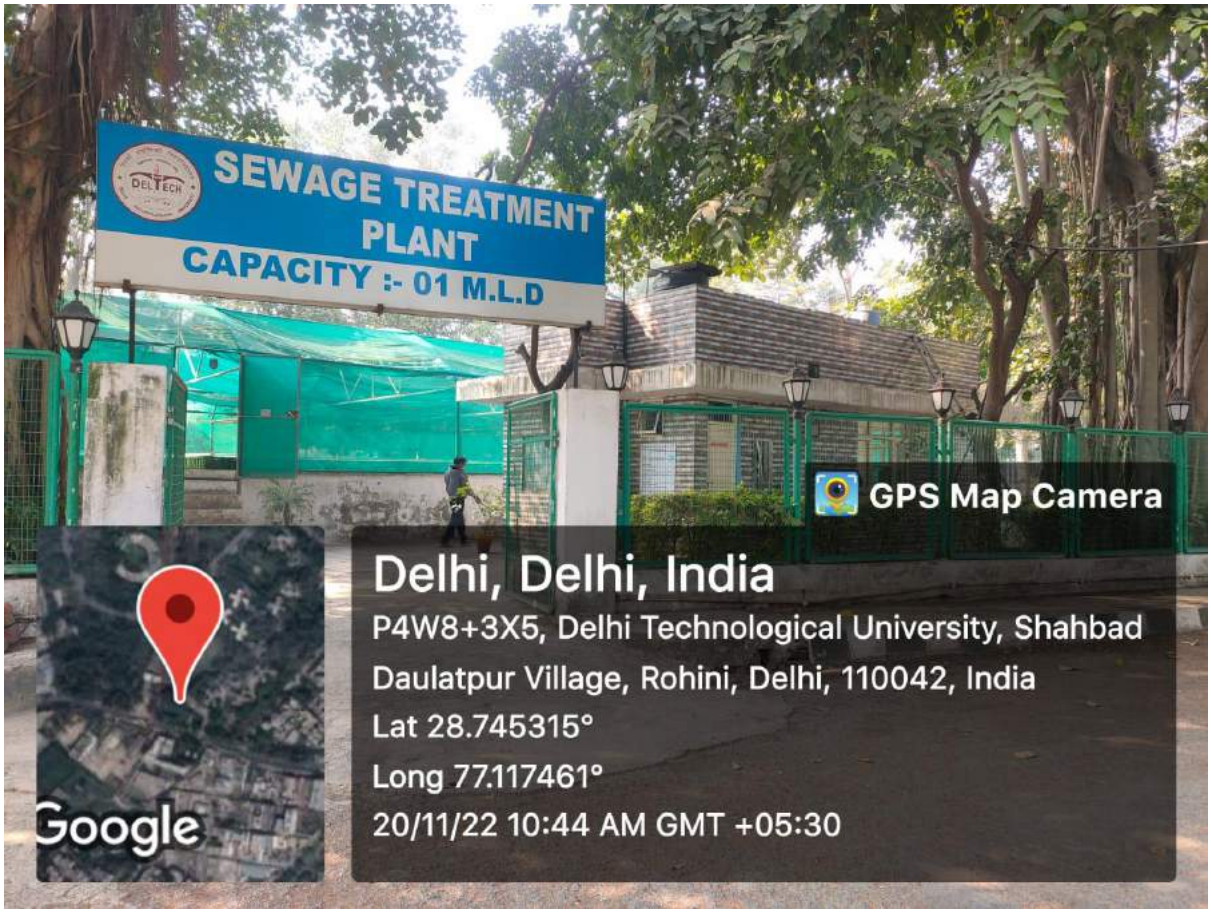
(Dr. O. P. Shukla)
Joint Director (Plg)

CONSTRUCTION OF TANKS AND BUNDS




GPS Map Camera
Delhi, Delhi, India
H No. A-3 Kh. No. 15/25 & 26/5 Ground floor Prakash Vihar
Shahbad Ext, Ph.-2, Bawana Rd, Delhi Technological University,
Shahbad Daulatpur Village, Rohini, Delhi, 110042, India
Lat 28.750334°
Long 77.112532°
04/11/22 11:21 AM GMT +05:30
Google

WASTE WATER RECYCLING



EXTRA ITEM STATEMENT NO. 15

Name of work: C/o Stage-I of phase II, Delhi Technological University at Bawana Road,Delhi (SH:-C/o Academic Blocks AB-3 & AB-4,Boys Hostel H-5 & Girls Hostels HG-5 & HG-6 and all external and internal services including external development and landscaping and allied civil and E & M works).

			Detail of previous sanction/submission EIS/SIS statements			
Agency : M/s SAM (India) Built Well Pvt. Ltd.						
Agreement No. : 02/EE/EPD-4/PWD/2019-20	S.No.	AE	EE	SE/PM	CE/CPM	Letter No.
Mode of Agreement : Percentage Rate	EIS No.1	178295				Sanctioned by AE vide letter no 06 dt. 08.01.20
Estimated cost : Rs. 230,11,53,307/-	EIS No.2		2566493			Sanctioned by EE vide letter no 46 dt. 22.01.20
Tendered cost : Rs. 227,69,91,197/-	EIS No. 3 (Revised)		330227			Sanctioned by EE vide letter no 183 dt. 07.04.2022
Date of Start : 23/09/2019	EIS No. 4			445619		Sanctioned by PM (Hr. Edu. Proj) vide letter No 584 dt. 10.07.20.
Date of Completion:- 23/12/2020	EIS No 5			4575490		Sanctioned by PM (Hr. Edu. Proj) vide letter No 767 dt. 14.08.20
Actual date of Completion:- In Progress	EIS No. 6 (Re-Revised)			5396759		Sanctioned by PM (Hr. Edu. Proj) vide letter No 841 dt. 27.04.2022
	EIS No. 7 (R)			22606778		Sanctioned by PM (Hr. Edu. Proj) vide letter No 841 dt. 27.04.2022
	EIS No. 8 (R)			5135384		Sanctioned by PM (Hr. Edu. Proj) vide letter No 841 dt. 27.04.2022
	SIS No. 1			2651565		Sanctioned by PM (Hr. Edu. Proj) vide letter No 232 dt. 12.02.2021
	SIS No. 2 (R)			2441702		Sanctioned by PM (Hr. Edu. Proj) vide letter No 842 dt. 27.04.2022
	EIS No.9				53135908	Sanctioned by CE (OP) vide letter No. 1284 dt. 05.08.2021.
	SIS No. 3 (R)			4396912		Sanctioned by PM (Hr. Edu. Proj) vide letter No 842 dt. 27.04.2022
	EIS No.10				21304822	Sanctioned by CE (OP) vide letter No. 1480 dt. 02.09.2021.
	SIS No. 4			625846		Sanctioned by PM (Hr. Edu. Proj) vide letter No. 1538 dt. 02.12.2021.
	EIS No.11				12717633	Sanctioned by CE (OP) vide letter No. 414-H dt. 23.02.2022.
	EIS No.12				7610827	Sanctioned by CE (OP) vide letter No. 843-H dt. 31.03.2022.
	SIS No. 5			274323		Sanctioned by PM (Hr. Edu. Proj) vide letter No. 500 dt. 14.03.2022.
	EIS No.13				914771	Sanctioned by CE (OP) vide letter No. 969-H dt. 08.04.2022
	EIS No.14				684076	yet to be sanctioned
	SIS No. 6				3846707	yet to be sanctioned
Amount of this Statement					5,996,850	yet to be sanctioned
Total		178295	2896720	48550378	106211594	
Powers to sanction EIS/SIS		180,000	3,000,000	50,000,000	Full Power	

S. No	Description	Qty	Unit	Rate	Amount	Remarks
1	Providing and installation of modular Rain Water harvesting pit with recycled polyproplene Crosswave size 494x494x220 mm with load Bearing capacity of 14 tons per suare metre.The crosswave will be wrapped with geotextile fabric material of 400 GSM in two layers to prevent soil insertion in the pit.The geotextile material shall be UV resistant and confirming to ASTM D4595 The cost shall be inclusive of all necessary excavation in all kind of soils, reffiling and disposal of surplus earth with in the premises as directed, Depth shall be as per actual site condition and invert level. Each RWH will consists of 1 No GRIHA Approved FRP pure Rain filter 700 mm Dia with 300 mm dia inlet & outlet with necessary connections to filter & desilting Manhole of Brick masonary Manhole having inside size 1.20mx0.90mx1.20m deep. The pit will consist of FRP based inspection chambers of 500x500x500 mm. Total depth of filter shall be upto 2000mm inclusive of two filter extensions(if required) of 700 mmx600 mm depth each.					
(a)	(Tentative Size-5.5m x 2.0m x 2m mtr complete in all respect and depth of top layer of crosswave copolymer structure below natural ground level is approximately 1.50meter)	2.00	each	835697 ~~835107.00~~	~~1671394~~ ~~1670214.00~~ 1671394	This item is required to be executed for storm water collection/disposal in Boys Hostel & Academic block. This item is not in Agreement. Hence an extra item is proposed
(b)	(Tentative Size-4.0mtr x 4.0mtr x 2mtr complete in all respect and depth of top layer of crosswave copolymer structure below natural ground level is approximately 1.50meter)	4.00	each	1082240 ~~1081659.00~~	~~4328960~~ ~~4326636.00~~ 4328992	
		Total			~~5996850.00~~ 60,00,386	
	Certified that :					
1	The qty taken are approximate and payment shall be made as per actual work executed at site of work.					
2	The rates are net and nothing extra shall be paid.					
3	This statement contains 1 item only.					
	Extra item statement no. 15, for amounting to Rs. 59,96,850/- (Rs. Fifty Nine Lakhs Ninety Six Thousand Eight Hundred Fifty Only) is submitted to P.M. (Hr. Edu. Proj.) for further processing and necessary action please.					

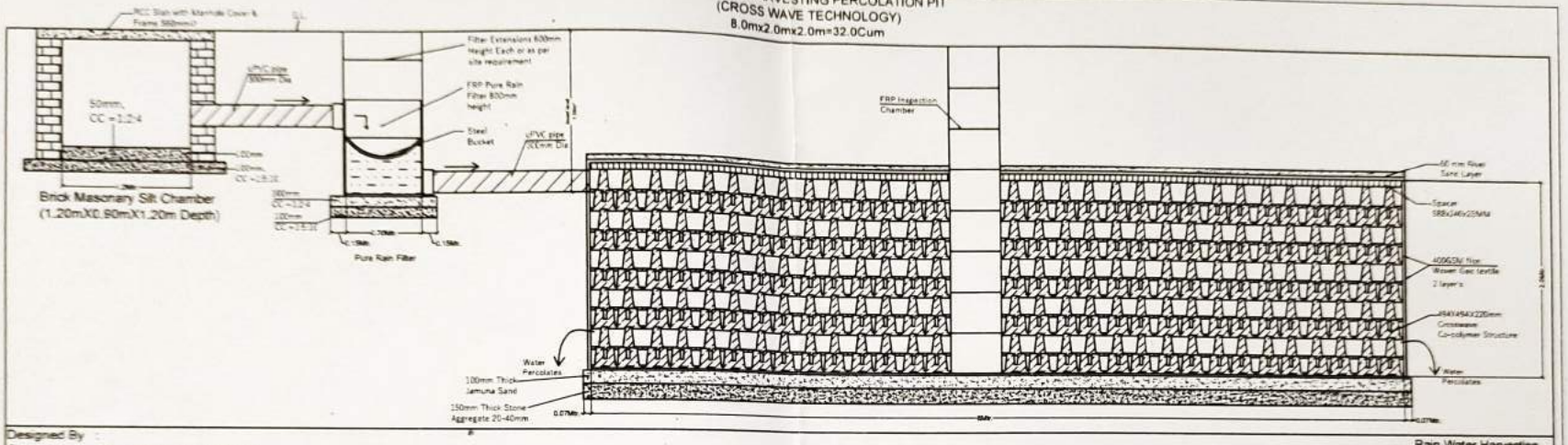
Assistant Engineer-I
EPD-4, PWD
Edu. Project Division-4
PWD, Vikas Bhawan-2,

Assistant Engineer(P)
EPD-4, PWD
Edu. Project Division-4
PWD, Vikas Bhawan-2,

Executive Engineer
EPD-4, PWD
Edu. Project Division-4
PWD, Vikas Bhawan-2,

P.T.O

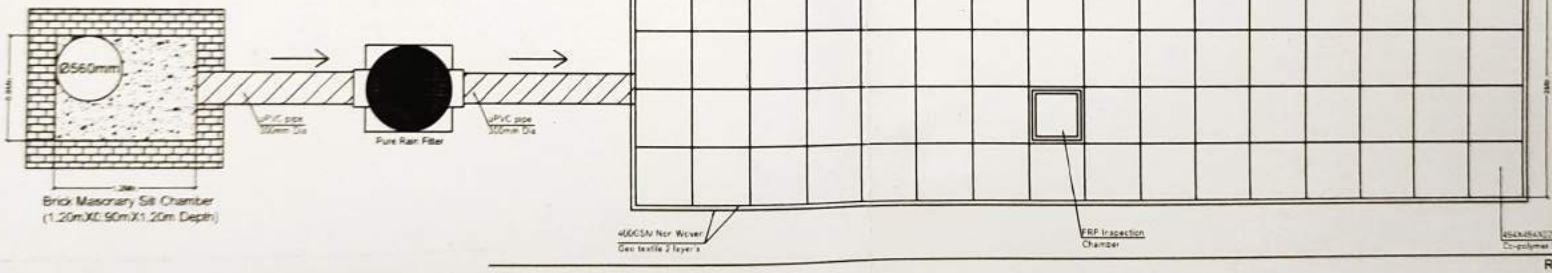
RAIN WATER HARVESTING PERCOLATION PIT
(CROSS WAVE TECHNOLOGY)
8.0mx2.0mx2.0m=32.0Cum



Designed By
Company : Ashwath Infratech Pvt Ltd,
Building No.2, 4th floor, Masoodpur Farms,
Vasant Kunj, New Delhi-110070

Rain Water Harvesting
Percolation Pit
Cross Section View
8.0mx2.0mx2.0m=32.0Cum

RAIN WATER HARVESTING PERCOLATION PIT
(CROSS WAVE TECHNOLOGY)
8.0mx2.0mx2.0m=32.0Cum



Rain Water Harvesting
Percolation Pit
Top view (Plan)
8.0mx2.0mx2.0m=32.0Cum

2020-21

7.1.4	Water conservation facilities available in the Institution: Rainwater harvesting Borewell /Open well recharge Construction of tanks and bunds Wastewater recycling Maintenance of water bodies and distribution system in the campus	**Rainwater harvesting is adopted across the entire campus to raise the groundwater level. Seven rainwater harvesting pits exist across the classroom blocks and other buildings catering to a catchment area of 2500 sqm. DTU also has more than 529000 sqm green cover where rainwater from nearby buildings percolates in the ground. In addition to this, all the new buildings under construction have adequate provisions for rainwater harvesting. A pond with a 3000 sqm surface area is located within the campus. It collects rainwater and water from the rooftops to raise the groundwater level. The sewage treatment plant at DTU also serves to recycle water for horticultural and cleaning purposes.**

Criteria- 7.1.3

Liquid Waste Management/ Waste Water Re-cycle:- DTU established **Sewage Treatment Plant (STP)** with the capacity of plant 1 MLD (Million Liter per Day) near DTU main gate no.2. The plant established in May,2019 at DTU main campus by M/s Absolute Water Pvt Ltd. The capacity of plant for treated the waste/sewage water is 01 million per day. The treated water used for horticulture purpose and cleaning purpose. The plant has been running by M/s Absolute Water Pvt Ltd. who constructed this plant. DTU concern staff also checked the TDS of treated water.

Data for 2020-21

a) Average treated water per Day:- 2,70,000 liter or 250 KLD
b) Average treated water per Month:- 2,70,000 X 30 = 81,00,000 litre of 810 KLD
c) Average treated water per Year:- 81,00,000 X 12 = 97200000 litre of 9720 KLD

This treated water used for cleaning purpose, Horticulture purpose and also used at Phase-II site during 2020-21.

Average pH during 2020-21 of treated water was 7.0 pH and average TDS was 650.

JE (C)

Criteria - 7.1.4

Rain water Harvesting

The details of rain water harvesting System in DTU main Campus Delhi are as follows.

i. A pond is situated inside the DTU campus which is having an area more than 3000 sqm, which collects the rain water and surplus water from the roof of the buildings and the treated water from the Sewage treatment Plant of 01 M.L.D capacity installed at DTU is also discharged into the pond, which all contributed in raising of ground water table.

ii. Rain Water Harvesting Pit has been installed in DTU campus in newly constructed Class Room Blocks, which is having the more than 2500 sqm catchment area.

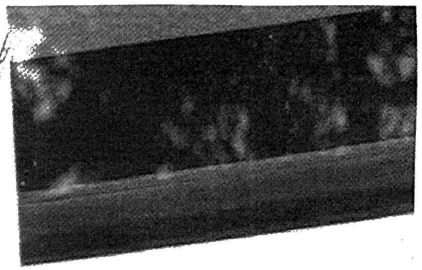
iii. Apart from above D.T.U is having more than 5,29,000.00 sq.(Approx.) green area/Park where the rain water from the nearby building's roof percolates into the ground and recharge the ground water table. (As per master plan enclosed)

iv. The rain water harvesting system is also adopted in all proposed buildings (under constructed) in the campus.

v. The area details of the campus are as follows:-

S.no	Particulars	Area in (sqm)
1.	Total area of the plot	663154.03
2.	Building roof top area	129602.66
3.	Paved area	4572.92
4.	Green area	528978.45

Registrar



Name of Work: Construction of Rainwater Harvesting Recharge System by Crosswave Technology

Site Location: Delhi Technical University, Bawana Road

1	Roof Top Area	6137.00	Sqm
2	Green /Parking Area	1513.00	Sqm
4	Paved Area	3505.00	Sqm
		11155.00	Sqm

6137x .90 x .026 = 143.60 CuM
1513x.40x.026 =15.73 CuM
3505 x.80 x.026 =72.90

TOTAL CuM of Rainfall to be considerd fo Rain Water Harvesting for 20 minutes 96.75 CuM Say 98 CuM.

WE HAVE PROVIDED 7 PITS OF 14 Cum. Total 98 CuM.

361C

2020-19