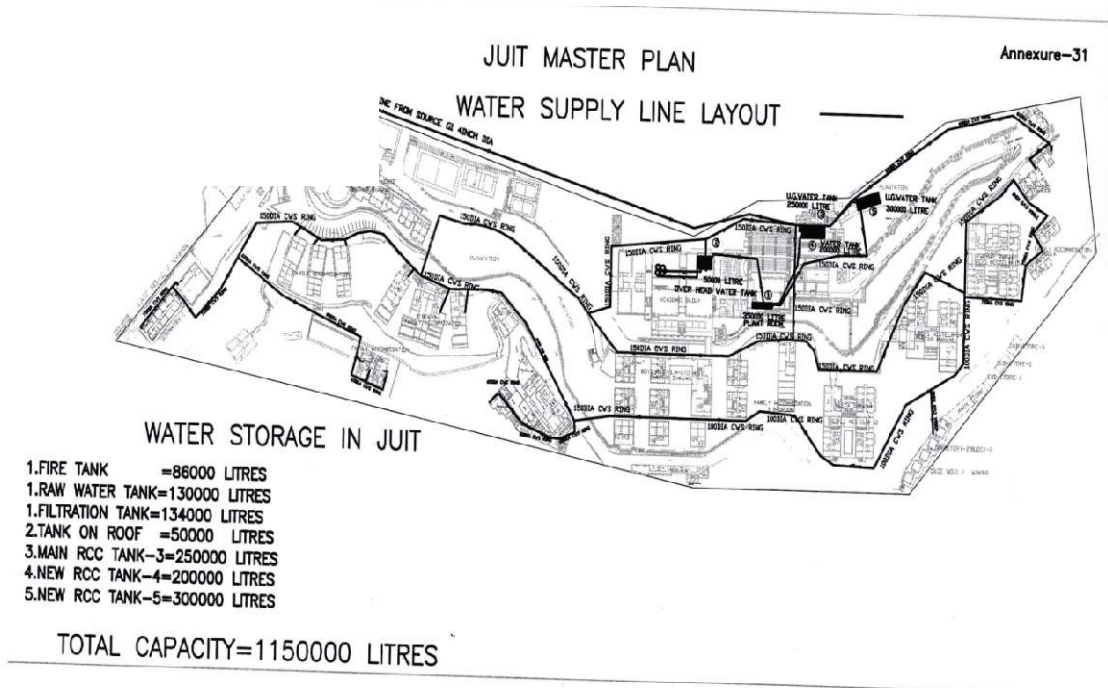


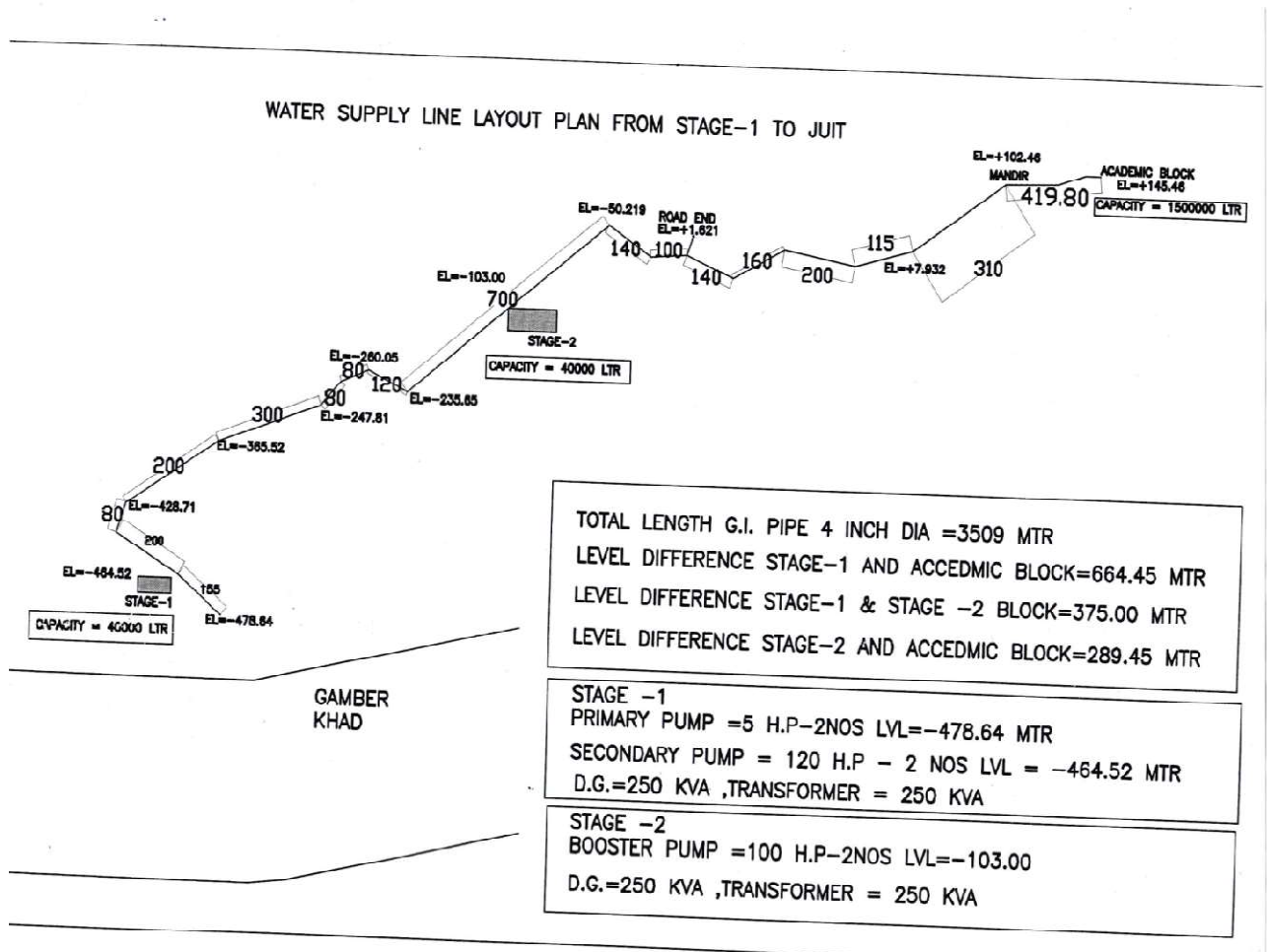
7.1.4: Any other relevant information about water conservation facilities available in the institution:

1. Master Plan: Water distribution system in the campus
2. From stage 1 to JUIT: Water distribution system in the campus
3. Sewer Line
4. Latest water testing report

Layout Plan (1) : Master Plan: Water distribution system in the campus

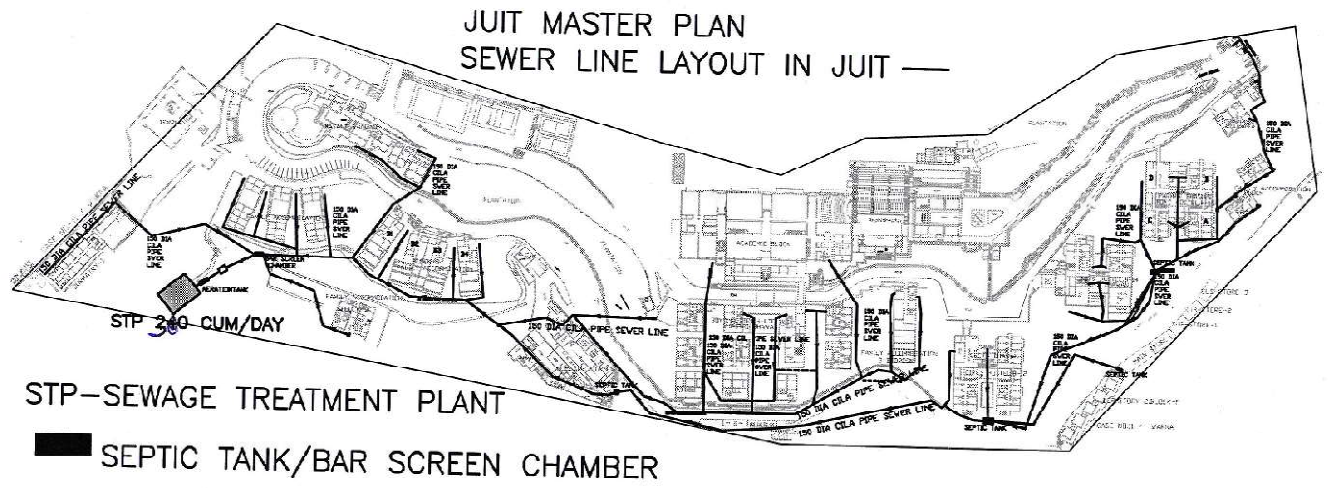


Layout Plan (2) : From stage 1 to JUIT: Water distribution system in the campus



Layout Plan (3) : Sewer Line

Annexure-18



Water testing report



**H.P.STATE POLLUTION CONTROL BOARD
FORM X
REPORT BY STATE BOARD ANALYST
(See Rule 26)**

Report No: 95888/W-7785

25/05/2023

I hereby certify that I **Rama Kant Awasthi**, SO, State Board Analyst duly appointed under sub-section (3) of section 53 of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) received on **03/05/2023** from **Anurag Raina, JEE**, HP State Pollution Control Board **RO Parwanoo** a **Grab** sample of **Final Outlet of STP of Jaypee University Of Information Technology, Vahnaghat VPO Wahnaghat, Tehsil Kandaghat, District Solan, H.P.Wahnaghat, Arki Distt. Solan Parwanoo, H.P. 173234** on dated **02/05/2023** for analysis. The sample was in a condition fit for analysis reported below:

I further certify that I have analyzed the aforementioned sample on **03/05/2023** to **25/05/2023** and declare the result of analysis is to be as follows :-

Method of analysis					
IS- 2488(I-V), IS-3025(Part 44): 1933, 'Standard method for examination of water', 22th edition prepared and published jointly by:-					
1. American Public Health Association 2. American Water Works Association 3. Water Pollution Control Federation					
SAMPLING PARAMETERS					
Sr. No.	Parameter Name	Results	Units	Permissible Limit	Remark/Result Analysis
1	pH	7.44		6.5-9.0	Within Permissible Limit
2	TSS	10.0	mg/L	99	Within Permissible Limit
3	BOD	6.0	mg/L	30	Within Permissible Limit
4	Oil and Grease	0.4	mg/L	10	Within Permissible Limit
5	COD	56.0	mg/L	250	Within Permissible Limit

The condition of the seals, fastening and container on receipt was as: sealed as **HPPCB262**

Signed this on **25/05/2023**

Remarks of Lab Head:

-

Rama Kant Awasthi, SO
(State Board Analyst)
CL Parwanoo



Eco Paryavaran Laboratories & Consultants Pvt. Ltd.
(Formerly known as Eco Laboratories & Consultants Pvt. Ltd.)

TEST REPORT



ULR No. : TC74772300002694F		Test Report No. : ELO70423NW007	
Type of Sample : Water (Drinking Water)		Date of Reporting : 15/04/2023	
Customer	Jaypee University of Information & Technology Waknaghat, P.O. Waknaghat, Teh. Kandaghat, Distt. Solan, Himachal Pradesh-173234	Work Order No. & Date	EPL/T/5601 DT:06.04.2023
		Customer reference No. (if any)	NA
Sampling Protocol	NA	Mode of Collection of Sample	Sample Provided by Customer
Date of Sampling	-	Date of Receipt of Sample	07/04/2023
Sampling Location	NA	Testing Location	Permanent Facility
Testing Protocol	IS 10500:2012 (1st Revision)	Period of Analysis	07/04/2023 To 15/04/2023
Sample Description	Clear, colourless liquid.		
Packing, Markings, Seal & Qty.	1 litre Plastic Bottle Marked 'Academic Block'		

RESULTS

I-Chemical Testing
1. Water (Drinking Water)

S.No.	Test Parameter	Unit	Result	Acceptable Limit	Permissible Limit in absence of alternate source	Test Method
1	Colour.	Colour Units	BDL(DLS)	5	15	IS:3025 (Part-4) Cl 2.0
2	Odour	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-5)
3	pH @ 25°C	-	8.12	6.5-8.5	No relaxation	IS:3025 (Part-11)
4	Taste	-	Agreeable	Agreeable	Agreeable	IS: 3025 (Part-8)
5	Turbidity	NTU	BDL(DLO.1)	1	5	IS: 3025 (Part-10)
6	Total Dissolved Solids	mg/l	228	500	2000	IS: 3025 (Part-16)
7	Calcium as Ca	mg/l	42	75	200	IS :3025 (Part-40)
8	Chloride as Cl	mg/l	16	250	1000	IS:3025 (Part-32)
9	Fluoride as F	mg/l	0.39	1.0	1.5	IS:3025 (Part-60)
10	Free residual Chlorine	mg/l	BDL(DLO.1)	0.2	1.0	APHA-23rd Ed- 4500G DPD Colorimetric Method
11	Iron as Fe.	mg/l	0.08	1.0	No relaxation	APHA-23rd Ed -3500Fe-B Phenanthroline Method
12	Magnesium as Mg	mg/l	16	30	100	IS: 3025 (Part-46)
13	Nitrate as NO3	mg/l	5.2	45	No relaxation	APHA-23rd Ed-4500 B UV Screening Method
14	Sulphate as SO4	mg/l	53	200	400	IS:3025 (Part-24) Cl 4.0- Turbidity Method
15	Total alkalinity as CaCO3.	mg/l	82	200	600	IS: 3025 (Part-23)
16	Total hardness as CaCO3	mg/l	168	200	600	IS:3025(P-21)

Dr. Ajay Kumar

Authorized Signatory-Chemical & Biological

Format No. F/7.8.2-W-01.28.06.20 Rev-05

Page No. 1/2

ECO BHAWAN

E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

0172-4616225 9781303109 contact@ecoparyavaran.org | md@ecoparyavaran.org www.ecoparyavaran.org