



एसजेवीएन लिमिटेड

मिनी-रत्न शिड्यूल 'A' पीएसयू
निगमित पर्यावरण विभाग
ISO 9001:2015 Certified

कार्यालय:

कार्यकारी निर्देशक,
निगमित पर्यावरण विभाग,
शक्ति सदन, शानान,
जिला शिमला, हिमाचल प्रदेश -171006
टेलीफोन न.: 0177-2660180
ईमेल: sjvn.ecfc@gmail.com
sjvn.ced@sjvn.nic.in

संख्या: SJVN/CHQ/ENV/F21/2024 -40

दिनांक: 20/05/2024

सेवा में,

सदस्य सचिव,

राज्य स्तरीय पर्यावरण प्रभाव आकलन प्राधिकरण,

पर्यावरण, विगज्ञान और प्रौद्योगिकी विभाग, हिमाचल प्रदेश सरकार,

पर्यावरण भवन, यूएस क्लब के पास, शिमला - 171001

Email: membersecyhpseiaa@yahoo.in, dbt-hp@nic.in

Sub: Six Monthly Monitoring Report on Compliance to Environmental Aspects (For period October 2023 - March 2024) i.r.o Corporate Office Complex at Shanana, Shimla

Ref: EC Letter No.: HPSEIAA/2011/90-3068, December 30, 2011

Sir,

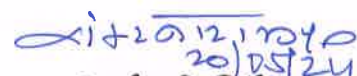
Kind reference is invited to above referred endorsement vide which Corporate Office Complex of SJVN at Shanana, Shimla is granted Environment Clearance. Further, it is stipulated to submit six monthly status report on implementation of the conditions of Environment Clearance. Therefore, Six-Monthly Monitoring Report on compliance to Environmental Aspects (for the period October 2023 - March 2024) is submitted for your kind information, please.

संलग्नक: यथोपरि।

सधन्यवाद,

भवदीय,

एसजेवीएन लिमिटेड के लिए,


20/05/24
(कार्यकारी निर्देशक)

प्रतिलिपि (केवल ईमेल के माध्यम से):

1. Member secretary, H.P. State Pollution Control Board, Him Parivesh, Phase-III, New Shimla-171009, E-mail: mppcb-hp@nic.in

COMPLIANCE REPORT FOR ADHERENCE TO SJVN ENVIRONMENT POLICY AND ENVIRONMENT AND FOREST CLEARANCE CONDITIONS

(1st October 2023 to 31st March 2024)

A)	Name of Project	SJVN Ltd. Corporate Office Complex
	Type of Project	Office Building
	Location	Shanan, Shimla
	EC Letter No.	HPSEIAA/2011/90-3068 dated 30/12/2011
	Contact Address	
	a) Concerned Project Head/HoD	Head of Department, Corporate Facility Management Department, SJVN Ltd. Corporate Headquarters, Shanan, Shimla-171006; Contact No. 0177-2660157
	b) Concerned Environment Division (Corporate)	Head (Environment), SJVN Corporate Headquarters, Shanan, Shimla, HP, PIN 171006 Contact No. 0177-2660180

B)	<u>Condition imposed by the Ministry of Environment & Forests, GoI while granting Environment Clearance</u>	
	<u>Vide letter no. HPSEIAA/2011/90-3068 dated 30/12/2011</u>	
S. No.	Conditions Imposed	Compliance Status
Part A		
I-Construction Phase:		
1	“Consent to Establish” shall be obtained from H.P. State Pollution Control Board under Water (Prevention and Control of Pollution) Act 1974 and Air (Prevention and Control of Pollution) Act 1981 a copy of same shall be submitted to State Environment Impact Assessment Authority (SEIAA) before start of any construction work at the site.	Consent to Operate and Consent to Establish valid up to 31.03.2024 (Annexure-1). The application for renewal of CTO and CTE has been submitted for approval to SPCB. (Annexure-1A)
2	Provisions shall be made for the housing of labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Provision for the housing of labor within the site with all necessary infrastructure and facilities was made by the Contractor in the form of temporary structures during the construction in SJVN.
3	All required sanitary and hygienic measures should be taken before, during and after the completion of project.	All required sanitary and hygienic measures have been taken care before, during and after the completion of project.
4	A First Aid Room will be provided in the project both during construction and operation phase of the project.	A First Aid Room has been provided during construction of office block. In operation phase,

		medical room has been provided at ground floor of office building with facility of resident doctor.
5	Adequate drinking water, fuel and sanitary facilities should be provided for construction workers at the site. Provisions should be made for mobile toilets. The safe disposal of waste water and solid wastes generated during the construction activities should be ensured.	All the necessary action has been taken during construction work.
6	All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	All the top soil excavated during construction activities had been stored and utilized in horticulture/landscape developments within the project site.
7	Disposal of muck including excavated material during construction phase should not create any adverse effects on the neighboring communities and disposed off taking the necessary precautions for general safety and health aspects of public, only in approved sites with the approval of competent authority.	SJVN is disposing the muck on approved dumping site of MC as various construction works are in progress at CHQ campus. The permission for dumping of debris/C&D waste was granted to SJVN by MC valid up to 31.05.2024. (Annexure-2) 1) Dumping site situated near SWM Project Bharyal Totu, Shimla.
8	Soil and ground water samples shall be got tested from authorized agency to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	The Construction of Office Complex does not employ usage of heavy metals and the chances of leaching into aquifer is negligible. However, the samples taken from site and ground water have been sent to NABL accredited laboratory. (Report Enclosed –Annexure 3)
9	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the competent authority.	No such hazardous waste generated during construction phase.
10	Diesel generator sets during construction phase should have acoustic enclosures and should conform to Environment (Protection) Act, 1986 and Rules framed there under for air and noise emission standards. Low Sulphur diesel type should be used.	Acoustic Enclosures Diesel generators were used during construction phase.

11	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.	No underground tanks were required
12	Vehicles/equipment deployed during construction phase should be in good conditions and should conform to applicable air and noise emission standards, should have vehicle pollution check certificate and should be operated only during non-peaking hours.	It is ensured that all the vehicles used for construction activities are having valid Pollution under Check (PUC) certificates. The vehicles without valid Pollution under Check (PUC) certificate are not permitted at project site.
13	Ambient noise levels should conform to residential standards both during day and night. Only limited necessary construction should be done during night time. Fortnightly monitoring of ambient air quality (SPM, SO2 and NOx) and equivalent noise levels should be ensured during construction phase should be closely monitored during construction phase so as to conform to the stipulated standards fixed by the competent authority.	<ul style="list-style-type: none"> ▪ The silent type DG set with acoustic enclosures has been installed at project site. ▪ All vehicles entering to the site were with valid PUC certificate. ▪ All machinery used at the site were new and periodic maintenance of the machinery insured. ▪ Water sprinkling is carried out through tanker water regularly at site for dust suppression.
14	Storm water control and its re-uses for various applications as per guidelines.	Storm water from terraces and other open areas is collected through rainwater down take pipes connected to a Rain Water Harvesting System having a capacity of 50000 liters.
15	Boundary wall shall be constructed in such a manner as not to be obstructing the flow of storm water. Necessary arrangement shall be made for the drainage of surrounding area.	Weep holes are provided in the boundary wall to release hydrostatic pressure or water pressure on the wall.
16	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices and technologies available.	Water demand during construction was reduced by use of pre-mixed concrete, curing agents and other best practices referred.
17	Permission to draw ground water shall be obtained from the competent authority prior to construction/operation of the project.	Recommendation to draw ground water through 4 no. bore well is provided by I&PH, GoHP, copy of letter submitted to SEIAA/S&T Department, GoHP

		(Annexure-4).
18	Opaque wall should meet perspective requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	Opaque wall meets the requirement as per Energy Conservation Building Code
19	Regular supervision of the above and other measures for monitoring should be place all through the Construction phase, so as to avoid disturbance to the surroundings.	Being ensured through regular supervision.
20	The proponent shall be liable for action under the Environment (Protection) Act, 1986 for the violation of any provision of the said Act.	Noted.
II-Operational Phase:		
1	The installation of the Effluent Treatment Plant/ Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Director, Department of Environment, Science & Technology before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the prescribed norms and standards. Necessary measures should be made to mitigate the odour problem from STP.	STP based on MBBR technology is installed at Office Complex. The effectiveness of its functioning is ensured through Annual Maintenance Contract.
2	The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable materials.	1) Kitchen Bio-waste Composter of 250Kg/day capacity was installed and in working condition for conversion of Solid waste to organic manure. The Organic manure is then used for horticulture work in SJVN Corporate office Complex. 2) Office waste is disposed through Municipal Corporation.

3	<p>Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. The proponent shall be required to use low Sulphur diesel. The location of the DG sets may be decided in consultation with the competent authority.</p>	<p>Two Nos. Diesel Generators Sets are using in SJVN Complex having capacity of 1010kVA and 500kVA which are properly fitted inside the sound proof enclosures & DG sets are CPCB II compliant environment friendly and are placed at safe location.</p>
4	<p>Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.</p>	<p>Building is used during day time & noise restricted to the permissible levels to comply with the prevalent regulations and No Noise generated during Night time.</p>
5	<p>The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.</p>	<p>Complied.</p>
6	<p>Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon periods.</p>	<p>Weep holes are provided in all compound walls in SJVN Corporate office Complex to release hydrostatic pressure or water pressure on the wall.</p>
7	<p>Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging should be kept at least 5 mtrs above the highest ground water table.</p>	<p>Rain water Harvesting System of 50 KLD is installed in SJVN Complex with VPMF (Variable Pore Micro Filtration) technology</p>
8	<p>The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.</p>	<p>Agreed. Extraction is minuscule. However, Testing of sample/level is undergoing. (Annexure 3)</p>
9	<p>Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized as per norms prescribed by the Competent Authority and no public space should be used for this purpose.</p>	<p>Agreed. The traffic circulation plan and the parking plan proposed are as per bye laws with further scope of additional parking for future requirement. Parking will be completely internalized and no public spaces will be utilized. Care is being taken to ensure that there is zero traffic congestion at the entry and exit</p>

		point through Security at Main Gate.
10	Energy conservation measures like installation of CFLs/TFLs for the lighting the surrounding area/outside areas the building should be integral part of the project design and should be in place before project commissioning. Used CFLs/TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the possible extent.	T-5 & LED Lamps are installed in SJVN Complex for Energy Conservation. The lights/Lamps will be disposed in line with E-Waste rules 2022. SJVN Limited has installed a roof top solar Photo Voltaic Plant of 140 kW capacity to cater the power supply requirement in the building. The Power generated from solar PV plant is supplied directly to the distribution panels and consumed within the building and excess power is fed to the Grid.
11	Adequate steps should be taken to prevent odour problem from solid waste processing site and STP.	STP System is running efficiently and same is ensured by executing AMC having preventive maintenance.
12	Sprinkling of water etc.be used for air pollution control during construction phase so as to avoid disturbance to the surroundings.	Sprinkling of water is being used for air pollution control. The test report of sample of ambient air is attached as (Annexure-3)
Part B General Conditions:		
Sr. No.	Conditions	Status
1	The environmental safe guards contained/given in the proposal for management of environmental pollution should be implemented in letter and spirit.	Proponent is committed to comply the EC conditions and required mitigation norms in letter and spirit.
2	Bimonthly environment monitoring reports should be submitted to the State Environment Impact Assessment Authority and Ministry of Environment & Forests Regional Office at Chandigarh.	Agreed.

3	Officials from the State Environment Impact Assessment Authority, Regional Office of MoEF, monitoring the implementation of environment, Science & Technology GoHP who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to the State Authority should be forwarded to the Regional Office of MoEF, Chandigarh.	Full Co-operation ensured.
4	In the case of any change (s) in the scope of the project, the project would require a fresh appraisal by this Authority.	Agreed.
5	The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safe guards and measures in a time bound and satisfactory manner.	Agreed.
6	All other statutory clearances shall be obtained, as applicable by the project proponents.	Agreed.
7	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and Environment Impact Assessment Notification, 2006.	Noted
8	Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.	Noted
9	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.	No such appeal made/reported
Part C		
S.	Conditions	Status
Special Conditions:		

No.		Complied
1	Construction shall be carried out strictly as per the norms prescribed by the State Government as regards the number of storey's and FAR.	
2	Proponent shall make provision of a small dispensary in the area open to public as well or upgrade the nearest existing facility in consultation with State Government.	The office complex falls in urban area of Shimla town. There is an excellent medical facility in the nearby vicinity, Tenzin Hospital (Panthaghati) and Public Health Centre (Chotta Shimla). Further, there are numerous healthcare facilities/clinics within these limits and preferred by locals. Office Complex runs a medical facility in its complex catering official staff, contract staff, etc.
3	Roof Area at least to the extent of 60% should be used to harvest solar energy by installing efficient Solar Panels.	SJVN Limited has installed a roof top solar Photo Voltaic Plant of 140 kW capacity to cater the power supply requirement in the building. The Power generated from solar PV plant is supplied directly to the distribution panels and consumed within the building and excess power is fed to the Grid.
4	Before undertaking construction, proponent shall ensure availability of water from IPH department or M.C. Shimla.	Complied. (Annexure-4)

5	The Project Proponent shall submit returns/details of recyclable wastes, and other solid wastes which shall be generated from the process to the Authority regularly.	<p>i) Solid waste generated from SJVN Corporate Head Quarters is converted in to manure by Bio-composting machine and the end product is used as a fertilizer in horticulture.</p> <p>ii) Old records generated from SJVN Corporate Head Quarters is recycled and reused in office building for which MoU has been signed with S.R associates Solan and recycled material is reused in the form of office file, envelope, covering bag. The Certificate of Appreciation was also awarded to SJVN limited during the FY 2018-19 by Australia's Deputy High Commissioner to India, New Delhi for recycling of office waste paper and thereby conserving the natural resources.</p>
6	The Project Proponent shall obtain No Objection Certificate for ground water use/ installation of tube well from Central Ground Water Authority/IPH Department.	NOC Attached (Annexure-4)
7	Proponent shall ensure the energy efficiency sheet by maximum possible use of renewable sources of energy. The solar lights, CFL, LED lights shall be used to reduce the requirement of the energy and shall apply all possible techniques to reduce the energy consumption.	Being Complied CFL & LED Lights installed in the building which are energy efficient.
8	Project Proponent shall ensure that there are proper arrangements for management of occupational health and safety in accordance with the law as required for machinery safety, personnel safety and health care, fire & explosion safety.	<p>Ensured during construction phase.</p> <p>SJVN Corporate Office Complex has adopted Quality Management System during operation stage and a Quality manual incorporating Risk Management</p>

9	The Project Proponents shall ensure that the planning of the proposed project is done in a manner that vehicular traffic flow in the public areas and roads is not restricted and dedicated parking for the complex users and visitors as well is provided.	Agreed. There will be no traffic congestion near the entry and exit points from the roads adjoining the project site. Parking will be fully internalized and no public space should be utilized.
10	The project Proponent shall obtain all the requisite approvals/clearance/NOCs as may be applicable to the Project from the competent authorities under different Acts/Rules/Regulation/Order/Directions etc.	Agreed. The construction has been started only after taking the NOC from Forest Deptt/Local bodies/Local Authorities. Consent to Establish and Consent to Operate has also been obtained from HSPCB; Copy of the same is enclosed Annexure-1
11	The construction material such as grit/bajri, sand shall be obtained from authorized dealers/suppliers only and no illegal mining etc. shall be caused.	Agreed. Construction material has been obtained from authorized dealers/suppliers only and no illegal mining etc. has been allowed.
12	The Project Proponent shall consult the local office of the Department of Forests or any other such authorized agency, university, institution for types of trees to be planted for development of the green belt around the Project site.	Complied.
13	Keeping in view the labour to be employed during the construction phase arrangements to maintain hygienic conditions in the labour camps such as temporary toilets, fuel facility etc. shall be made for which provision shall be made by the proponent.	Being Complied
14	The Sewage Treatment Plant shall be designed and installed based on MBBR technology concurrent with the construction of the project as per the requirement.	1) STP of 90 KLD having approved technology patented by Thermax is installed. 2) Effluent from STP is used for horticulture works of SJVN Corporate Office Complex. 3) Effluent Parameters are monitored monthly through AMC from M/s Micromeg Enterprises Pvt. Ltd.

15	The Municipal Solid Waste which shall be generated by the Project during the construction and operational stage shall be managed as per provisions of Municipal Solid Waste (Management & Handling) Rules, 2000 under Environment (Protection) Act, 1986. Promoters shall tie-up with local authority or shall make provisions of its own for solid waste.	1) Kitchen Bio-waste Composter of 250 kg/day capacity was installed for conversion of Solid waste to organic manure. The Organic manure is then used for horticulture work in SJVN Corporate office Complex. 2) Office waste is disposed through Municipal Corporation.
16	Water sprinkling techniques shall be used during the construction phase to minimize the dust in air.	Water sprinkling was carried out through water tanker regularly at site for dust suppression.
17	The DG sets shall be provided with proper exhaust muffler and stack height. DG set and other fugitive emission sources shall be more than 10-15 feet above room level. Norms prescribed for DG Sets in the Environment Protection Rules, 1986 shall be complied with.	DG sets has been provided with proper exhaust muffler and stack height and Norms prescribed for DG Sets in the Environment Protection Rules, 1986 are complied.
18	Institutional responsibility would vest with promoters for maintaining and operating the environmental services such as Sewage treatment Solid Waste, treatment and disposal.	Complied
19	The muck generated during construction shall be disposed off in scientific only in the designated dumping sites manner by providing proper and adequate retaining structures.	SJVN is disposing the muck on approved dumping site of MC as various construction works are in progress at CHQ campus. The permission for dumping of debris/C&D waste was granted to SJVN by MC valid up to 31.05.2024. (Annexure-2) 1) Dumping site situated near SWM Project Bharyal Totu, Shimla.
20	Boundary wall shall be raised using plants/hedge species and concrete or iron structures should be avoided.	Complied
21	Visitors parking within premises shall be ensured and provision shall be made accordingly. Parking of visitors should not done on public road.	Provision for Stack Parking for approx. 200 cars has been provided in Proposed Guest House including Parking Block in SJVN Corporate Complex and the

		Construction work is in progress.
22	All designing shall be done based on IS-1893 (Zone-V) considering the seismicity of the project area.	SJVN Corporate Head Quarters was constructed based on IS-1893 considering the seismicity of the project area.
Additional conditions laid by the SEIAA in its 10th meeting held on 22nd November 2011 shall be strictly complied		
1	The Proponents shall principally be responsible for creating a public utility like playground or parking as a part of their corporate social responsibility by utilizing all the debris and construction waste.	The debris/construction waste from the Office Complex was disposed at approved sites of Municipal Corporation (MC), Shimla, after remitting the dumping charges. These earmarked sites also cater to construction wastes from other construction sites from Shimla town. Hence, the sites may get restored by MC through its long-term development plans.
2	The proponents shall make adequate arrangement for the safe disposal of E-waste and CFLs.	Complied
3	The Proponents shall use stones/sloping roof to provide hill architectural façade to the complex.	Complied
4	The Proponents shall provide dual plumbing system in the building.	Provision of dual plumbing system has been made in SJVN Corporate Head Quarters
5	The Proponents shall submit data on environment/carbon footprint to Department of Environment, Science & Technology.	The Office Complex has been designed on green building concept. This complex has installed solar techniques for water heating and feeding electricity. The kitchen waste is treated by composting unit and compost is used to feed complex greenbelt. Further, the liquid waste is treated with MBBR-STP with zero discharge. The residue is used as manure and liquid is used to water greenbelt. The complex has undergone Energy Audit. Hence, the Office Complex has very low environment footprint. SJVN

		<p>Limited has installed a roof top solar Photo Voltaic Plant of 140 kW capacity to cater to the power supply requirement in the building. The Power generated from solar PV plant is supplied directly to the distribution panels and consumed within the building and excess power is fed to the Grid. 40 KW solar water heating system also provided to cater heating water requirements at the complex.</p>
6	<p>The proponents shall submit six monthly status report on implementation of the conditions of environmental clearances, among others to the Department of Environment, Science & Technology.</p>	<p>Being Complied. Last six-monthly compliance report was submitted on 29.11.2023.</p>

C)	<p>Conditions imposed by the Ministry of Environment & Forests, GoI while granting forest clearance vide letter no. NA, sated NA for NA ha forest land.</p>	
S.N.	<p>Conditions imposed Not Applicable</p>	<p>Compliance Status</p>



H.P.STATE POLLUTION CONTROL BOARD

HIM PARIVESH, PHASE-III, NEW SHIMLA-171009.

Website:- <http://hppcb.nic.in>

HPSPCB No : 178

Date: 25/11/2021

Industry Registration ID: 21118

Application No : 3963352

To,

Sjvnl Ltd Corporate Office Complex
Shakti Sadan, SJVN Ltd., Corporate Office Complex, Shnan, Shimla, 171006
Shimla
Shimla
171006

Subject: Renewal of 'Consent to Operate' u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.

With reference to your application for obtaining Renewal of 'Consent to Operate' u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are hereby, authorized to operate an industrial unit subject to the Terms and Conditions as mentioned in this Consent letter.

1. Particulars of Consent to Operate under Water Act, 1974 and Air Act, 1981 granted to the Industry

Consent No.	CTO/BOTH/RENEW/RO/2021/3963352
Consent valid from:	01/04/2021
Consent valid upto:	31/03/2024
Certificate Type :	RENEW
Previous CTO No. & Validity :	

2. Particulars of the Industry

Name & Designation of the Applicant	SUNIL CHOUDHARY, (HOD CFMD)	
Address of Industrial premises	Sjvnl Ltd Corporate Office Complex, Shakti Sadan, SJVN Ltd., Corporate Office Complex, Shnan, Shimla, 171006, Shimla, Shimla-171006	
Category of Industry	Orange	
Type of Industry	2999-Miscellaneous (Orange)	
Scale of the Industry	Large	
Office District	Shimla	
Capacity		
Raw Materials (Name with quantity per day)		
Raw Materials	Quantity	Unit
Water	360	K.L./Year
Products (Name with quantity per day)		

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Sjvnl Ltd Corporate Office Complex, Shakti Sadan, SJVN Ltd., Corporate Office Complex, Shnan, Shimla, 171006, Shimla, Shimla, 171006

Page 1

Name of Products	Unit	Quantity	Intermediate Product	Principal Use
Office Complex	Number/Year	1	-	-

Details of the Effluent Treatment Plant

Type of Effluent	Capacity(KLD)	Quantity(KLD)
STP	90	1

Mode of Disposal

Description	Quantity(in KLD)	Method of Treatment	Method of Disposal
Domestic	15	STP	Irrigation/Gardening

Quantity of fuel required (in TPD) and capacity of boilers/ Furnace/Thermo heater etc.

Type	No.of Boiler/'Heater/ Evaporator/In cinerator/DG Set/Other	Capacity	Type of Boiler/'Heaters /Evaporators/I ncinerator/DG Sets/Others	Type of Fuel	Fuel consumption rate in MT/hour or KL/hour or M3 /hour
DG Sets	02	500 kVA & 1010 kVA	Silent DG set with Acoustics Enclosures	Diesel	121 ltr/hr for 1010 KVA and 77 ltr/ hr for 500 KVA DG set

Type of Air Pollution Control Devices installed

Equipment Type	Equipment Name	Date/proposed date of installation	Efficiency(%reduction)	Final concentration of pollution being emitted
2 Nos Acoustics Enclosures , 2 Nos. Stack with 30 meter height	DG Sets	Fri Jan 01 00:07:00 IST 2016	-	-

Sources of emissions and type of pollutants

Name and location of the process vessel to which the stack/ vent is attached	Rate of emission in Kg./hr	Concentration of pollution like SO 2 , NOX, H 2 S, Cl, HCl etc. in mg/NM 3	Height of Vent/outlet/stack from ground level in meters
500 kVA & 1010 kVA DG set at SJVN Building	1600ltrs/sec	NOx 360 ppmv, NMHC 100 mgNm3, PM 75 mgNm3, CO 150 mgNm3, Sulpher <2%	30 meter

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APOORV DEVGAN Digitally signed by
APOORV DEVGAN
Date: 2021.11.30
14:06:20 +05'30'

Apoorv Devgan, IAS
Member Secretary
For & on behalf of
(H. P. State Pollution Control Board)

Endst. No.:

Copy To:-

1. The Regional Officer, HPSPCB, Shimla for kind information and further necessary action please.

APOORV DEVGAN Digitally signed by
APOORV DEVGAN
Date: 2021.11.30
14:06:34 +05'30'

Apoorv Devgan, IAS
Member Secretary
For & on behalf of
(H. P. State Pollution Control Board)

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Sjvnl Ltd Corporate Office Complex, Shakti Sadan, SJVN Ltd., Corporate Office Complex, Shnan, Shimla, 171006, Shimla, Shimla, 171006

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TERMS AND CONDITIONS

A. SPECIFIC CONDITIONS

1. This 'Renewal of Consent to Operate' is only for the purpose and under the provision of Water Act, 1974 and Air Act, 1981 as the case may be, and will not construed as substitute for mandatory clearances required for the project under any other law/regulation/direction/order and the applicant shall obtain any such mandatory clearance before taking any steps to establish industry/ industrial plant, operation or process or any treatment and disposal system or an extension or addition thereto.
2. Nothing in this Consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected to under this or any other Act.
3. The unit shall apply for further renewal/extension in the validity of the Consent, before the expiry of this 'Renewal of Consent to Operate'.
4.
 - i) The unit shall ensure compliance of Waste Management Rules i.e. Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016/ Plastic Waste Management Rules, 2016/ E-Waste (Management) Rules, 2016/Construction & Demolition Waste Management Rules, 2016 and Manufacture, Storage & Import of Hazardous Chemical Rules, 1989 and provisions made thereunder, as amended from time to time, without any adverse effect on the environment, in any manner (As Applicable).
 - ii) The unit shall made provisions for the compliance Solid Waste Management Rules, 2016 and provisions made thereunder and unit shall also not practice burning activity of solid waste/waste generated from fuel within/outside premises, to avoid public nuisance.
5. This 'Renewal of Consent to Operate' is for:-
 - i) The emissions from all sources conforming to the norms as prescribed in Schedule-I of Environment (Protection) Rules, 1986 as amended from time to time.
 - ii) Noise and Ambient Air Quality shall be maintained within Ambient Air Quality Standards for noise as specified in Schedule-III of Environment (Protection) Rules, 1986 and Noise Pollution (Regulation and Control) Rules, 2000, as amended from time to time.
 - iii) The effluent (Domestic/Industrial) shall conform to the limits as prescribed in Schedule-I or Schedule-VI or Industry specific standards of Environment (Protection) Rules, 1986 as amended from time to time.
 - iv) Sewage and sullage generated from the unit to be disposed-off in a properly designed septic tank system/Sewage Treatment Plant/ Public Sewer System (as applicable).
6. The unit shall ensure regular operation and maintenance of Pollution Control Devices to achieve the norms as prescribed in Environment (Protection) Act, 1986 and the achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/re- circulation system installed shall be the entire responsibility of the unit.
7. The unit shall ensure regular operation and maintenance of separate energy meter/flow meter for running pollution control devices and shall also maintain record with respect to operation of air pollution control device/effluent treatment plant, so as to the satisfy the Board regarding the regular operation of air pollution control device/effluent treatment plant and shall maintain log book for the monthly reading / record.
8. **CONDITIONS UNDER WATER (PREVENTION & CONTROL OF POLLUTION) ACT, 1974.**
 - a) The unit shall maintain the record regarding the daily water consumption as per flow meter installed.
 - b) The unit shall ensure that terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking samples.

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Sjvn Ltd Corporate Office Complex, Shakti Sadan, SJVN Ltd., Corporate Office Complex, Shnan, Shimla, 171006, Shimla, Shimla, 171006

Page 4

- c) The pollution control devices shall be interlocked with the manufacturing process of the industry (if applicable) and the authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board. Unit shall not use any unauthorized outlet(s) for discharging effluents from its premises.
- d) Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed-off in scientific manner.

9. CONDITIONS UNDER AIR (PREVENTION & CONTROL OF POLLUTION) ACT, 1981.

- a) The unit shall ensure port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets as per the specifications.
 - b) The unit shall discharge air emissions through a stack of minimum height as specified in 'Consent to Establish' and shall follow standards laid down from time to time.
 - c) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation & as per specification.
 - d) Unit shall ensure Stack height for diesel generating sets as per specification.
 - e) The unit shall ensure regular operation and maintenance of installed canopy and stack of the D.G sets so as to control the noise & air pollution in order to comply with the provision of notification No GSR-371 E dated 17-5-2002 or direction as issued by MOEF from time to time, under Environment (Protection) Act, 1986.
 - f) The unit shall ensure disposal of boiler ash/fuel ash through authorized person or within premises in a scientific manner (as the case may be) and shall maintain proper record for the same, if applicable.
 - g) The unit shall ensure regular operation and maintenance of air pollution control arrangements for control emission from its coal/fuel handling area and from handling, transportation and processing of raw material & product of the industry.
10. The unit shall ensure valid and approved on-site and off-site emergency plan, approved by the Chief Inspector of Factories, Himachal Pradesh (If applicable).
 11. The unit shall ensure regular operation and maintenance of real time online monitoring equipment's and provisions for the un-interrupted transfer of data as per guidelines of CPCB (if applicable).
 12. The unit shall provide adequate arrangements for fighting the accidental leakages/ discharge of any air pollutant/gas/liquids from the vessels, mechanical equipment's etc. which are likely to cause environmental pollution.
 13. The unit shall plant & maintain minimum three layer of trees so far possible as per plantation guide (may be download from the website <http://hppcb.nic.in/plantationguide.pdf>) all along the boundary of the industrial premises and check air/water/noise pollution at source.
 14. Any guidelines issued by the Central Government/State Government/MoEF/CPCB/SPCB/any other authority concerned, shall be binding.
 15. This 'Renewal of Consent to Operate' is subject to orders on any litigation pending in any Court of Law. Any direction/order issued by any court shall be binding (if any).
 16. The Board reserves the right to revoke the 'Renewal of Consent to Operate' granted to the industry at any time, in case the industry is found violating the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.
 17. The unit shall comply with any other conditions laid down or directions issued in due course by the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.

B. OTHER CONDITIONS

1. The unit shall comply with the conditions imposed by the MoEF/State Level Environment Impact Assessment Authority/ District Level Environment Impact Assessment Authority in the environmental clearance granted to it as required under EIA notification dated 14-9-06, if applicable.

2. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
3. Stone Crusher units shall comply with the provisions of guidelines notified by the State Government vide Notification No. STE-E(3)-11/2012, dated 29-05-2014 (If Applicable).
4. Brick Kiln units shall comply with the provisions of guidelines notified by the MoEF vide Notification No. G.S.R.233.(E), dated-15-03-2018 and by the State Government vide Notification No. STE-E(5)-6/2013, dated-07-03-2014 (If Applicable).
5. Hydroelectric Projects shall install Online Real Time Monitoring System for the measurement of 15% of minimum discharge in lean season as per orders of Court/Government. The unit shall also ensure provisions for the regular and uninterrupted transfer of data from the real time online monitoring system for 15% of minimum discharge of flow to SPCB, failing which unit shall be liable for action on account of violation of the directions issued by Court/Government/SPCB in this regard (If Applicable).
6. Unit shall strictly adhere to the capacity approved by the Industries Department/ Department of Tourism & Civil Aviation/any other concerned Authority (As Applicable).
7. The unit shall not cause any nuisance/traffic hazard in vicinity of the area.
8. The unit shall ensure that there will not be significant visible dust emissions beyond the property line.
9. The unit shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
10. Unit shall submit all the annual/quarterly returns, as per timeline.
11. The industry shall submit a yearly certificate to the effect that no addition/up-gradation/ modification/ modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
12. The unit shall maintain record regarding the operation of effluent treatment plant i.e. record of quantity of chemicals and energy utilized for treatment and sludge generated from treatment so as to satisfy the Board regarding regular and proper operation of pollution control equipment.
13. Any amendments/revisions made by the Board/CPCB/MOEF in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.

C. SPECIAL CONDITIONS

- 1) The unit shall carry out composting of biodegradable waste by providing pit composting/ vermin composting or any such appropriate method in the premises.
- 2) This consent has been issued considering the adequacy of the pollution control devices and waste management systems/mechanism only.
- 3) This Consent of the State Board does not absolve the proponent of his responsibility to take pre-approvals / approvals / prior NOCs / NOCs from other dep'ts./agencies as the case may be, for the violation of which, the State Board bears No responsibility.

APOORV DEVGAN
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 APOORV DEVGAN
 Date: 2021.11.30
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**Apoorv Devgan, IAS
 Member Secretary
 For & on behalf of
 (H. P. State Pollution Control Board)**

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H.P.STATE POLLUTION CONTROL BOARD

HIM PARIVESH, PHASE-III, NEW SHIMLA-171009.

Website:- <http://hppcb.nic.in>

HPSPCB No : 178

Date: 29/03/2022

Industry Registration ID: 21118

Application No : 5161725

To,

Sjvnl Ltd Corporate Office Complex
Shakti Sadan, SJVN Ltd., Corporate Office Complex, Shnan, Shimla, 171006
Shimla
Shimla
171006

Subject: Renewal of 'Consent to Establish' u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.

With reference to your application for obtaining Renewal of 'Consent to Establish' u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are hereby, authorized to Establish an industrial unit subject to the Terms and Conditions as mentioned in this Consent letter.

1. Particulars of Consent to Establish under Water Act, 1974 and Air Act, 1981 granted to the industry

Consent No.	CTE/BOTH/RENEW/RO/2022/5161725
Date of issue :	01/04/2022
Date of expiry :	31/03/2024
Certificate Type :	RENEW
Previous CTE No. & Validity :	

2. Particulars of the Industry

Name & Designation of the Applicant	SUNIL CHOUDHARY, (HOD CFMD)
Address of Industrial premises	Sjvnl Ltd Corporate Office Complex, Shakti Sadan, SJVN Ltd., Corporate Office Complex, Shnan, Shimla, 171006, Shimla, Shimla-171006
Category of Industry	Orange
Type of Industry	2999-Miscellaneous (Orange)
Scale of the Industry	Small
Office District	Shimla
Capacity	
Products (Name with quantity per day)	

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Page 1

Name of Products	Unit	Quantity	Intermediate Product	Principal Use
Guest House cum Parking Blok	Number/Year	1	41 Rooms with 66 Nos Toilets	To serve the official Employees
Auditorium Cum Parking Block	Number/Year	1	Auditorium with 400 person setting capacity having 10 toilets	To serve the official Employees

Details of the Effluent Treatment Plant

Type of Effluent	Capacity (KLD)	Quantity (KLD)
STP	NA	NA

Mode of Disposal

Description	Quantity (in KLD)	Method of Treatment	Method of Disposal
Domestic	NA	STP	Irrigation/Gardening

Quantity of fuel required (in TPD) and capacity of boilers/ Furnace/Thermo heater etc.

Type	No. of Boiler/Heater/Evaporator/Incinerator/DG Set/Other	Capacity	Type of Boiler/Heaters/Evaporators/Incinerator/DG Sets/Others	Type of Fuel	Fuel consumption rate in MT/hour or KL/hour or M3 /hour
DG Sets	N.A.	N.A.	N.A.	N.A.	N.A.

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 DEVGAN
 Date: 2022.03.29
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Apoorv Devgan, IAS
Member Secretary
For & on behalf of
(H. P. State Pollution Control Board)

Endst. No.:

Copy To:-

1. The Regional Officer, HPSPCB, Shimla for information and to ensure the operation of the unit as per consent conditions & with adequate pollution control devices.

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Sjvnl Ltd Corporate Office Complex, Shakti Sadan, SJVN Ltd., Corporate Office Complex, Shman, Shimla, 171006, Shimla, Shimla, 171006

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Apoorv Devgan, IAS
Member Secretary
For & on behalf of
(H. P. State Pollution Control Board)

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Page 3

TERMS AND CONDITIONS

A. SPECIFIC CONDITIONS

1. This Consent to Establish is only for the purpose and under the provision of Water Act, 1974 and Air Act, 1981 as the case may be, and will not construed as substitute for mandatory clearances required for the project under any other law/regulation/direction/order and the applicant shall obtain any such mandatory clearance before taking any steps to establish industry/ industrial plant, operation or process or any treatment and disposal system or an extension or addition thereto.
2. Nothing in this Consent shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected to under this or any other Act.
3. The unit shall apply for further extension in the validity of the Consent to Establish, at least two months before the expiry of this 'Consent to Establish', if applicable.
or
The unit shall obtain prior Consent to Operate from the State Board, before starting operational activity and gets its completion plan approved by the Competent Authority (As applicable).
4.
 - i) The unit shall made provisions for the compliance of Waste Management Rules i.e. Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016/ Plastic Waste Management Rules, 2016/ E-Waste (Management) Rules, 2016/Construction & Demolition Waste Management Rules, 2016 and Manufacture, Storage & Import of Hazardous Chemical Rules, 1989 and provisions made thereunder, as amended from time to time, without any adverse effect on the environment, in any manner (As Applicable)
 - ii) The unit shall made provisions for the compliance Solid Waste Management Rules, 2016 and provisions made thereunder and unit shall also not practice burning activity of solid waste/waste generated from fuel within/outside premises, to avoid public nuisance.
5. This 'Consent to Establish' is for:-
 - i) The emissions from all sources conforming to the norms as prescribed in Schedule-I of Environment (Protection) Rules, 1986 as amended from time to time.
 - ii) Noise and Ambient Air Quality shall be maintained within Ambient Air Quality Standards for noise as specified in Schedule-III of Environment (Protection) Rules, 1986 and Noise Pollution (Regulation and Control) Rules, 2000, as amended from time to time.
 - iii) The effluent (Domestic/Industrial) shall conform to the limits as prescribed in Schedule-I or Schedule-VI or Industry specific standards of Environment (Protection) Rules, 1986 as amended from time to time.
 - iv) Sewage and sullage generated from the unit to be disposed-off in a properly designed septic tank system/Sewage Treatment Plant/ Public Sewer System (as applicable).
6. The unit shall install adequate pollution control devices and provide the separate energy meter and flow meter. The unit shall maintain the logbook/ record with respect to operation of pollution control devices (As applicable). The achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/re-circulation system installed shall be the entire responsibility of the unit.
7. **CONDITIONS UNDER WATER (PREVENTION & CONTROL OF POLLUTION) ACT, 1974.**
 - a) The unit shall provide terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking samples.
 - b) The unit shall install flow meter and maintain the record regarding the daily water consumption.

- c) The pollution control devices shall be interlocked with the manufacturing process of the industry (if applicable) and the authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board. Unit shall not use any unauthorized outlet(s) for discharging effluents from its premises.
- d) Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed-off in scientific manner.
- e) The unit shall submit a detailed plan showing therein, the distribution system for conveying wastewaters.

8. CONDITIONS UNDER AIR (PREVENTION & CONTROL OF POLLUTION) ACT, 1981.

- a) The unit shall provide canopy and stack of adequate height of the D.G sets so as to control the noise & air pollution in order to comply with the provision of notification No GSR-371 E dated 17-5-2002 or direction as issued by MOEF from time to time, under Environment (Protection) Act, 1986.
- b) The unit shall ensure disposal of boiler ash/fuel ash through authorized person or within premises in a scientific manner (as the case may be) and shall maintain proper record for the same, if applicable.
- c) The unit shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area and emissions from handling, transportation and processing of raw material & product of the industry, as applicable.
- d) The unit shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets as per the specifications.

Specifications of the port-holes shall be as under:-

- i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter (De) shall be calculated from the following equation to determine upstream, downstream distance:-

$$De = 2 LW / (L+W)$$
 Where L= length in mts. W= Width in mts.
- ii) The sampling port shall be 7 to 10 cm in diameter
- e) The unit shall submit a detailed plan showing therein, the distribution system for conveying wastewaters.

(i) Stack height for boiler plants

S.NO.	Boiler with Steam Generating Capacity	Stack heights
1.	Less than 2 ton/hr.	9 meters or 2.5 times the height of neighboring building which ever is more
2.	More than 2 ton/hr. to 5 ton/hr.	12 meters
3.	More than 5 ton/hr. to 10 ton/hr	15 meters
4.	More than 10 ton/hr. to 15 ton/hr	18 meters

5.	More than 15 ton/hr. to 20 ton/hr	21 meters
6.	More than 20 ton/hr. to 25 ton/hr.	24 meters
7.	More than 25 ton/hr. to 30 ton/hr.	27 meters
8.	More than 30 ton/hr.	30 meters or using the formula $H = 14 Q_g^{0.3}$ or $H = 74 (Q_p)^{0.24}$ Where Q_g = Quantity of SO ₂ in Kg/hr. Q_p = Quantity of particulate matter in Ton/day.

Note : Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.

(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.

(iii) Stack height for diesel generating sets:

Capacity of diesel generating set	Height of the Stack	
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt.
100-150 KVA	-do-	+ 2.5 mt.
150-200 KVA	-do-	+ 3.0 mt.
200-250 KVA	-do-	+ 3.5 mt.
250-300 KVA	-do-	+ 3.5 mt.

For higher KVA rating stack height H (in meter) shall be worked out according to the formula:

$$H = h + 0.2 (KVA)^{0.5}$$

where h = height of the building in meters where the generator set is installed.

9. The unit shall submit on-site and off-site emergency plan approved by the Chief Inspector of Factories, Himachal Pradesh (If applicable)
10. The unit shall provide real time online monitoring equipment's and provisions for the uninterrupted transfer of data as per guidelines of CPCB (if applicable).
11. The unit shall provide adequate arrangements for fighting the accidental leakages/ discharge of any air pollutant/gas/liquids from the vessels, mechanical equipment's etc. which are likely to cause environmental pollution.
12. The unit shall plant minimum three layer of trees so far possible as per plantation guide (may be download from the website <http://hppcb.nic.in/plantationguide.pdf>) all along the boundary of the industrial premises and check air/water/noise pollution at source.
13. Any guidelines issued by the Central Government/State Government/MoEF/CPCB/SPCB/any other authority concerned, shall be binding.
14. This 'Consent to Establish' is subject to orders on any litigation pending in any Court of Law. Any direction/order issued by any court shall be binding (if any).
15. The Board reserves the right to revoke the 'Consent to Establish' granted to the industry at any time, in case the industry is found violating the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.
16. The unit shall comply with any other conditions laid down or directions issued in due course by the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.

B. OTHER CONDITIONS

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Page 6

1. The unit shall comply with the conditions imposed by the MoEF/State Level Environment Impact Assessment Authority/ District Level Environment Impact Assessment Authority in the environmental clearance granted to it as required under EIA notification dated 14-9-06, if applicable.
2. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
3. Stone Crusher units shall comply with the provisions of guidelines notified by the State Government vide Notification No. STE-E(3)-11/2012, dated 29-05-2014 (If Applicable).
4. Brick Kiln units shall comply with the provisions of guidelines notified by the MoEF vide Notification No. G.S.R.233.(E), dated-15-03-2018 and by the State Government vide Notification No. STE-E(5)-6/2013, dated-07-03-2014 (If Applicable).
5. Hydroelectric Projects shall install Online Real Time Monitoring System for the measurement of 15% of minimum discharge in lean season as per orders of Court/Government. The unit shall also ensure provisions for the regular and uninterrupted transfer of data from the real time online monitoring system for 15% of minimum discharge of flow to SPCB, failing which unit shall be liable for action on account of violation of the directions issued by Court/Government/SPCB in this regard (If Applicable).
6. Unit shall strictly adhere to the capacity approved by the Industries Department/ Department of Tourism & Civil Aviation/any other concerned Authority (As Applicable).
7. The unit shall not cause any nuisance/traffic hazard in vicinity of the area.
8. The unit shall ensure that there will not be significant visible dust emissions beyond the property line.
9. The unit shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
10. The unit shall put display Board indicating environmental data in the prescribed format at the main entrance gate.
11. The unit shall maintain record regarding the operation of effluent treatment plant i.e. record of quantity of chemicals and energy utilized for treatment and sludge generated from treatment so as to satisfy the Board regarding regular and proper operation of pollution control equipment.
12. Any amendments/revisions made by the Board/CPCB/MOEF in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.

C. SPECIAL CONDITIONS

- 1) The unit shall carry out composting of biodegradable waste by providing pit composting/ vermin composting or any such appropriate method in the premises.
- 2) This consent has been recommended considering the adequacy of the pollution control devices and waste management systems/mechanism only.
- 3) This Consent of the State Board does not absolve the proponent of his responsibility to take pre-approvals / approvals / prior NOCs / NOCs from other depfts./agencies as the case may be, for the violation of which, the State Board bears No responsibility.

APOORV
DEVGAN
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by APOORV
DEVGAN
Date: 2022.03.29
18:48:32 +05'30'

Apoorv Devgan, IAS
Member Secretary
For & on behalf of
(H. P. State Pollution Control Board)

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State Pollution Control Board, Himachal Pradesh

Receipt No.	256454718	Date :	10-05-2024
Depositor Name		Gagan Deep Sharma	
Bank Name.		ICICI	
Bank Id.		NA	
Application No.		12137534	
Name and Address of Industry	Sjvnl Ltd Corporate Office Complex, Shakti Sadan, SJVN Ltd., Corporate Office Complex, Shnan, Shimla, 171006, Shimla Urban, Shimla		
Name of Regional Office		RO Shimla	
Applied For		CTE - both - reNew	
Payment Date		30-03-2024	
		Payment Details	
CTE both (Rs.)		120000.0	
Total Amount Paid (Rs.)		120000.0	
Transaction Status		Successfully Completed	
Print			

Annex 1A

State Pollution Control Board, Himachal Pradesh

Receipt No. 393602011	Date : 10-05-2024
Depositor Name	Gagan Deep Sharma
Bank Name.	ICICI
Bank Id.	NA
Application No.	12138178
Name and Address of Industry	SjvnI Ltd Corporate Office Complex, Shakti Sadan, SJVN Ltd., Corporate Office Complex, Shnan, Shimla, 171006, Shimla Urban, Shimla
Name of Regional Office	RO Shimla
Applied For	CTO - both - reNew
Payment Date	30-03-2024
Payment Details	
CTO both (Rs.)	360000.0
Total Amount Paid (Rs.)	360000.0
Transaction Status	Successfully Completed
Print	

SHIMLA MUNICIPAL CORPORATION
NO:-MCS/XEN/RB/1064/RB/2024-1294

DATED: 06/04/2024

From

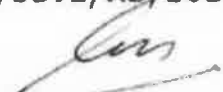
Executive Engineer,
R&B, M.C. Shimla

To

The Head of Department (C.F.M.D.)
Corporate Head Quarters,
Shakti Sadan, SJVN Ltd. Corporate Office Complex,
Shanan, Shimla-171006 HP


Subject:- Permission for Dumping of Debris/C&D Waste at
Dumping Site Situated near SWM Project Bharyal Totu
Shimla.

This is with reference to your office letter No.SJVN/CHQ/
CFMD/101-24-1025 dated 29.03.2024 vide which you have requested
permission for extension of time period for dumping of debris. In this regard,
the permission is hereby extended upto 31.05.2024 for dumping debris. The
tipper Nos. permitted are HP93-5018, HP93-5011, HP63-2579, HP63-2679,
HP63-2729 & HP63-2429. The other terms and conditions will remain the
same as prescribed in the permission letter No.MCS/XEN/3392/RB/2023-
2208 dated 17.10.2023.


Executive Engineer
(R&B) M.C. Shimla

Copy to:-

1. The Corporation Health Officer, M.C. Shimla for kind information.
2. The Assistant Engineer-I (R&B) M.C. Shimla for information and necessary action.
3. The Junior Engineer, ward No.7 (R&B) M.C. Shimla for information with the direction to maintain the record and no debris over the permission be allowed to be dumped and dumping be allowed in the authorized/ sanctioned site only.


Executive Engineer
(R&B) M.C. Shimla

Test Report

Issued To **M/s SJVN Limited**
 Shakti Sadan
 Shimla, HP, India

ULR No.: TC636624000001872F
 Test Report Date: 04/03/2024

Sample Particulars

Nature of the Sample : **Ambient Air Quality Monitoring**
 Date of Sampling : 28/02/2024-29/02/2024
 Time of Sampling (Hrs) : 10:20 AM
 Sample Received at Lab : 01/03/2024
 Test Started On : 01/03/2024
 Test Completed On : 04/03/2024
 Purpose of Monitoring : To Check the Pollution Load
 Method of Sampling : IS 5182 (Part 14)
 Sampling Location : Near Auditorium
 Avg. Flow Rate of Air for RDS (m³/min) : 1.10
 Avg. Flow Rate of Air for FPS (m³/hr) : 1.00
 Monitoring Conducted By : Mr. Jatin Sharma
 Ambient Temperature (°C) : 10
 Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Parameters	Test Results	#NAAQS:2009 Standards	Test Method
1.	Particulate Matter (PM _{2.5}), µg/m ³	20.60	60	40CFR Appendix L Part 53 CPCB Guidelines
2.	Particulate Matter (PM ₁₀), µg/m ³	52.70	100	IS-5182(P-23)
3.	Sulphur Dioxide (as SO ₂), µg/m ³	6.90	80	IS-5182(P-2)
4.	Nitrogen Dioxide (as NO ₂), µg/m ³	10.40	80	IS-5182(P-6)

Remark: *NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part



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(RAVINDER MITTAL)

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Test Report

Issued To M/s SJVN Limited
Shakti Sadan
Shimla, HP, India

ULR No.: TC636624000001873F

Test Report Date: 04/03/2024

Sample Particulars

Nature of the Sample : Ambient Noise
Date of Sampling : 28/02/2024
Purpose of Monitoring : To Check the Pollution Load
Parameter Tested : Noise Level, Leq dB (A)*
Instrument Used : Sound Level Meter
Place of Monitoring : Near Parking

Analysis Report

Sr. No.	Location	Test Result dB(A) Day Time
Permissible Limit in *dB(A) Leq for Residential Area		55 dB(A)
1	Near Parking	51.6

Remark:

*dB (A) Leq denotes the time weighted average of the level of sound in decibel on scale 'A' which is relatable to human hearing.
CPCB = Central Pollution Control Board

Note: The Noise Ambient Air Quality Standards are given for reference

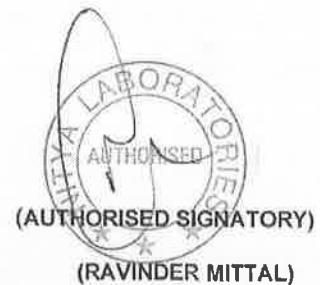
Area Code	Category of Area	Limits dB (A) Leq	
		Day Time (6AM – 10PM)	Night Time (10PM – 06AM)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Remark:

*dB (A) Leq denotes the time weighted average of the level of sound in decibel on scale 'A' which is relatable to human hearing.
CPCB = Central Pollution Control Board



TC-6366



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Test Report

Issued To **M/s SJVN Limited**
Shakti Sadan
Shimla, HP, India

ULR No.: TC636624000001874F
Test Report Date: 04/03/2024

Sample Particulars

Nature of the Sample : **DG Noise**
Date of Sampling : **28/02/2024**
Purpose of Monitoring : **To Check the Pollution Load**
Parameter Tested : **Noise Level, Leq dB (A)***
Instrument Used : **Sound Level Meter**
Place of Monitoring : **DG Set of Capacity 1000 KVA**

Analysis Report

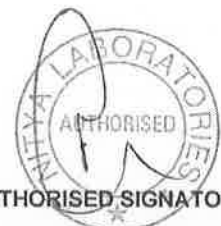
Sr. No.	Location	Test Result dB (A)	Test Method	Standard	Remark
1	Ambient Noise Level	42.4	NL/SOP/ENV-05 based IS:9989	Max. Ambient Noise-75 dB (A) or Insertion Loss; Min. 25 dB	DG Set (s) non- Operational
2	Ambient Noise Level	94.2			DG Set (s) Operational
3	1 meter Surface Acoustic enclosure when door is closed	69.4	NL/SOP/ENV-08 based on CPCB Guidelines:2018		DG Set (s) Operational

Remark:

*dB (A) Leq denotes the time weighted average of the level of sound in decibel on scale 'A' which is relatable to human hearing.
CPCB = Central Pollution Control Board



TC-6366



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(RAVINDER MITTAL)

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Test Report

Issued To **M/s SJVN Limited**
Shakti Sadan
Shimla, HP, India

ULR No.: TC636624000001875F

Test Report Date: 04/03/2024

Sample Particulars

Nature of the Sample : **Soil**
Sample Quantity & Packaging : **1Kg, Poly Bag**
Sample Received at Lab : **01/03/2024**
Test Started on : **01/03/2024**
Test Completed : **04/03/2024**
Method of Sampling : **SOP/B/D-3**
Date of Sampling : **28/02/2024**
Place of Sampling : **Near Auditorium**

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Protocol
1	pH	-	7.08	IS 2720 (P-26)
2	Conductivity	us/cm	195	IS 2720 (P-21)
3	Lead (as Pb)	mg/kg	ND	Ministry of agriculture Manual
4	Mercury (as Hg)	mg/kg	ND	Ministry of agriculture Manual
5	Arsenic (as As)	mg/kg	ND	Ministry of agriculture Manual
6	Total Chromium (as Cr)	mg/kg	ND	Ministry of agriculture Manual
7	Cadmium (as Cd)	mg/kg	ND	Ministry of agriculture Manual
8	Copper (as Cu)	mg/kg	ND	Ministry of agriculture Manual

Remark:
ND-Not Detected



TC-6366

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Test Report

Issued To **M/s SJVN Limited**
Shakti Sadan
Shimla, HP, India

ULR No.: TC636624000001876F
Test Report Date: 04/03/2024

Sample Particulars

Nature of the Sample : **Wastewater (STP)**
Sample Quantity & Packaging : 1.0 Liter, Pet Bottle (Each)
Sample Received at Lab : 01/03/2024
Test Started On : 01/03/2024
Test Completed On : 04/03/2024
Method of Sampling : SOP/B/D-3
Date of Sampling : 28/02/2024
Monitoring Conducted By : Mr. Jatin Sharma
Sample Description : W-1: STP Outlet

Analysis Report

Sr. No.	Parameter	Unit	Result	Permissible Limits	Protocol
			W-1		
1	pH	...	7.26	5.5-9.0	IS:3025 (P-11)
2	Total Suspended Solids (TSS)	mg/l	19	200	IS:3025 (P-17)
3	Bio-Chemical Oxygen Demand (5 days at 20°C) (BOD)	mg/l	12	100	IS:3025 (P-44)
4	Faecal Coliform*	MPN/100 ml	486	-	IS:1622
5	Total Coliform*	MPN/100 ml	542	-	IS:1622

Remark:
ND-Not Detected

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(RHYTHM BASSON*)



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Test Report

Issued To **M/s SJVN Limited**
Shakti Sadan
Shimla, HP, India

ULR No.: TC636624000001877F
Test Report Date: 04/03/2024

Sample Particulars

Nature of the Sample : **Ground Water**
Sample Quantity & Packaging : **1.0 Liter, Pet Bottle (Each)**
Sample Received at Lab : **01/03/2024**
Test Started On : **01/03/2024**
Test Completed On : **04/03/2024**
Method of Sampling : **SOP/B/D-3**
Date of Sampling : **28/02/2024**
Monitoring Conducted By : **Mr. Jatin Sharma**
Sample Description : **Borewell for Drinking**

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Requirement IS:10500		Protocol
				Desirable	Permissible	
1	pH	-	7.18	6.5-8.5	6.5-8.5	IS:3025 (P-11)
2	Total Dissolved Solids	mg/l	220	500	2000	IS:3025 (P-16)
3	Total Hardness as (CaCO ₃)	mg/l	150	200	600	IS:3025 (P-21)
4	Total Alkalinity as CaCO ₃	mg/l	80	200	600	IS:3025 (P-23)
5	Iron (as Fe)	mg/l	ND [DL- 0.05]	0.3	No Relaxation	APHA 23 rd Ed.
6	Zinc as Zn	mg/l	ND [DL- 0.05]	5	15	APHA 23 rd Ed.
7	Manganese as Mn	mg/l	ND [DL- 0.05]	0.1	0.3	IS:3025 (P-59)
8	Total Ammonia	mg/l	ND [DL- 0.01]	0.5	No Relaxation	IS:3025 (P-34)
9	Cadmium as Cd	mg/l	ND [DL- 0.001]	0.003	No Relaxation	APHA 23 rd Ed.
10	Fluoride as F	mg/l	ND [DL- 0.1]	1.0	1.5	IS:3025 (P-60)
11	Chromium as Cr	mg/l	ND [DL- 0.05]	0.05	No Relaxation	APHA 23 rd Ed.
12	Lead as Pb	mg/l	ND [DL- 0.005]	0.01	No Relaxation	APHA 23 rd Ed.
13	Nickel as Ni	mg/l	ND [DL- 0.01]	0.02	No Relaxation	APHA 23 rd Ed.
14	Arsenic as As	mg/l	ND [DL- 0.01]	0.01	0.05	APHA 23 rd Ed.

Remark:
ND-Not Detected



TC-6366



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CCC-4

Himachal Pradesh Government
I&PE Department

No. IPH-GWO-E-32/2011-

824


Dated: 25/7/2011

The Dy. General Manager,
Corporate Construction Department,
SJVN LIMITED, SHIMLA (H.P.)

Subject: - Construction of Corporate Office Complex for SJVN at Malana,
Shimla- availability of water.

Reference: - Your office letter No. SJVN/CCC/CCC-12/-152 Dated 19.07.11.

Kindly refer to letter under reference vide which hydrogeological feasibility of subject cited scheme was sought. In this connection Sh. Rahul Maheshwari, SIA was directed to carry out the hydrogeological investigation work for the subject cited study. Accordingly, he visited the proposed site with Dy. Manager of SJVN and submitted the report vide letter No. 8375 dated 21.07.11. As per the observations made during the field investigations and hydrogeological set up of the area under investigation, the inferences drawn therefrom, the 4 No. sites have been recommended to develop ground water resource to the tune of 45000 liters per day in the complex of SJVN by drilling 4 No. bore holes having tentative depth of 100 m and 5" dia casing. The pin pointing of these sites will be done later on so that proper spacing between the abstraction structures should be maintained.


Senior Hydrogeologist,
Ground Water Organization,
I&PE, Deptt. Ena (HP).