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Ministry of Environment, Forest & Climate Change, Govt. of India.

J&K UT LEVEL EXPERT APPRAISAL COMMITTEE (JKEAC)

Department of Ecology, Environment & Remote Sensing
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MINUTES OF MEETING

MINUTES OF 94TH MEETING OF THE JK EXPERT APPRAISAL COMMITTEE HELD ON 30TH OF FEBRUARY, 2022 VIA VIDEO CONFERENCING

In pursuance of Meeting Notice issued vide No: EAC/JK/22/13686-13704 dated: 24/05/2022 and subsequent addendum issued vide No. EAC/JK/22/13707-13721 Dated:29/05/2022, the 94th Meeting of JK Level Expert Appraisal Committee (JKEAC) was held on 30th of May, 2022 at 10:30 A.M. via video Conferencing. The following attended the meeting:

No.	Name	Designation
1	Mr. S.C. Sharma, IFS(Rtd.)	Chairman
2	Prof. Anil Kr. Raina	Member
3	Engineer B.B. Sharma	Member
4	Mr. Irfan Yasin	Member
5	Mr. A.R. Makroo	Member
6	Dr. G.M. Dar	Member
7	Mr. J.N. Sharma	Co-opted Member(JKPCC)
8	Humayun Rashid	Secretary

The Secretary, JKEAC welcomed the Chairman, Members of the JK Expert Appraisal Committee, project proponents and the consultants.

The meeting proceeded as per following sequence: -

AGENDA ITEM NO: 01

Title of case:	Grant of Environmental Clearance (EC) for (0.5 MLD) Common Effluent Treatment Plant (CETP) at Industrial Complex Bari Brahmana, Location-4 near Rotary No. 1, EPIP, Kartholi, UT of J&K, Jammu Division in favour of M/S J&K State Industrial Development Corporation Ltd. (SIDCO) ADS
Project type: (whether mining lease/STP/ Quarry license/brick earth/ Industry/Infra/CETP)	Common Effluent Treatment Plant (CETP), Infra -2
Category (B1/B2)	B1
Proposal no:	SIA/JK/MIS/63460/2021
File no:	SEAC/JK/20/575
Consultant with validity	M/S Eco Laboratories and Consultants Pvt Ltd. Valid till: 17/12/2023
Presenter of consultant:	Dr. Sandeep Garg

Project proponent / representative of Project proponent:	Agninder Bakhsi (Executive Engineer, SIDCO)
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CASE SUMMARY

Status	Capacity (MLD)	Project/ Activity applied Under	Project cost (in lacs)	Area Available (acres)	EPM cost proposed (in lacs)			CER budget proposed (lacs)
					Capital (Construction Phase)	Recurring (Construction phase)	Recurring (Operational phase)	
New Project	0.5	7(h) CETPs	668.96	0.33	35.00	6.50	13.50	7.00

Executive Agency	Order/Permission letter Date	Allotment order No	Period of Completion
Sourabh Construction Private Limited	13/03/2021	IDC/BB/EE/530-38	08 Months

Auto ToRs granted on	Baseline data Collection by project proponent as the case may be	Date of Public Hearing	Case discussed earlier by JKEAC on
30-06-2021	Dec-2020 to May 2021	NA	14/02/2022

APPRAISAL PROCESS

STATUS OF DOCUMENTATION

S. No	Document	Status	Remarks of the Committee
1	Form 1/Form 2 as applicable	Submitted	
2	Pre-feasibility Report (PFR)	Submitted	Executive Summary submitted
3	EIA/Environmental Management Plan	Submitted	
4	Corporate Environmental Responsibility(CER)	Submitted	As suggested by the committee.

LAND USE PLANNING DETAILS

S.No	Details	Area (m ²)
1	Administrative Lab. Cum control, TB, WW building	60 sq. m.
2	Transformer	04 sq. m.
3	Area for D.G set	20 sq. m.
4	Guard room	09 sq. m.
5	Green area	445.5 sq. m.
6	ETP complete with all allied works	811.6 sq. m.
Total area		1350 sq. m (0.33 acre)

SOLID WASTE MANAGEMENT DETAILS

Solid waste Generation (Kg/day)	Hazardous waste/ Sewage sludge or other sludge from effluent treatment (Kg/day)	Waste water generation (KLD)	No of industries likely to be connected to the CETP
3.6	400	0.8	48

WATER REQUIREMENT

S.No	Details	Water Demand (KLD)	Source of Water
1	Domestic water demand	1.00	J&K, SIDCO
2	Green water demand	2.45	Treated waste water
3	Total water demand	3.45	

POWER REQUIREMENT DETAILS

Power Requirement (KW)	Supplying Agency	No of Diesel Gen sets/capacity (KVA)
60	J & K SIDCO	01 NO. (100 KVA)

Proposed chemicals required for the effluent treatment in (CETP)

S. No	Name of Raw Material	Tentative Quantity (kg/day)
1	Lime	250
2	Ferrous Sulphate	120
3	Poly electrolyte	1.50

Budgetary provision for EMP Implementation Expenditure on typical Environmental Protection Measures during Construction & Operation phase:

S. No	Environmental Protection Measures	Capital Cost (Rs in Lakhs)	Recurring Cost (Rs in Lakhs) (Construction Phase)	Recurring Cost (Rs in Lakhs) (Operational Phase)
1	Air & Noise pollution Management (Acoustic enclosure for DG sets)	5.00	1.00	1.00
2	Development of Green belt	2.00	1.00	1.50
3	Rain water Harvesting	1.50	0.50	0.50
4	Environmental Monitoring cost including online continuous monitoring system	20.0	1.00	2.50
5	Solid & Hazardous waste management	1.50	1.00	6.00
6	Miscellaneous (Appointment of consultant & management of environment cell)	5.00	2.00	2.00
	Total	35.00	6.50	13.50

Corporate Environmental Responsibility Activity

S. No	Activities	Cost suggested by PP (Rs in Lakhs)	Cost suggested by the Committee (Rs in Lakhs)
1	Upgradation of educational institutions within 2kms of the site	2.00	
2	Upgradation of Sanitation facilities within 2kms of the site	2.00	
3	Upgradation of Health facilities within 2kms of the site	2.00	
4	Implementation of COVID-19 SoPs within 2kms of the site	1.00	
	Total	7.00	

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The case had been discussed by JKEAC for grant of EC in the 85th meeting held on 14-02-2022 during which the committee decided to constitute a sub-committee comprising of Members; **Mr Irfan Yaseen, Er. B B Sharma and Prof. Anil K Raina** to conduct visit of the CETP sites at SIDCO, Bari Brahmana and Industrial Growth Centre, Samba before moving ahead with the appraisal process. In the meantime, the PP had been asked to submit compliances to following observations:
- i. As understood and gathered from the presentation, Project Proponent has already commenced the construction work of CETP, though apparently under pressure from the Hon'ble National Green Tribunal but the same has not been mentioned in the Form 2 uploaded on the portal. JKEAC, as such, observes that the project falls under violation category and requires to be uploaded on the portal and presented before the JKEIAA in this category.
 - ii. JKEAC desired that project proponent should bring on record the methodology and the calculations that led the Consultant to fix the capacity of the CETP as 0.5 MLD in terms of 2030 Environment Guidelines /CPCB Rules.
 - iii. The consultant informed that only 51 industrial units in the estate shall be connected to the CETP. However, the uploaded documents indicate that the proposed project involves treatment of effluents from 511 Industries (mainly Pharmaceuticals, Pesticides, Metal Based etc.). Therefore, the Committee desired that the consultant should clarify anomaly and submit the list of member units that shall connect to the proposed CETP with details of chemical effluent generated by each of the units per day.
 - iv. JKEAC also desired project proponent and his Consultant to provide the financial outlay required for and place on record the quantity of sludge that shall be produced per day and the methodology for final disposal of the sludge as per Hazardous Waste Management Rules 2016. Comfort letter from the third party, if involved in the process, shall be prerequisite for the appraisal process.

- v. JKEAC also desired the project proponent to obtain and to include as part of documentation '*a performance guarantee*' from the project implementation agency viz. M/S Sourabh Construction Private Limited that treated effluent and the sludge characteristics shall strictly conform with CPCB guidelines during entire designed life of the Integrated CETP.
 - vi. During the appraisal process, it was noticed that the Consultant had not provided for the CER cost. He was advised to provide same in project proposals in conformance with national guidelines.
- b) The Sub-Committee conducted the site visit of the area on 24/03/2022 and filed its report by email which came under threadbare discussions during the instant 94th meeting of JKEAC. The report of the Sub-Committee forms **Appendix-I** to these minutes.
- c) Considering the report of the Sub-committee, the JKEAC recommends that prior to grant of EC, JKEIAA should:
- i. Obtain a binding undertaking from SIDCO, the Owner Department, that it would undertake and complete the work of laying of well-designed pipe network for transferring the effluent from different industrial units to the upcoming CETPs at Bari Brahmana, Export Promotion Industrial Park (EPIP), Kartholi and Industrial Growth Centre, Samba within a time period of 24 months from the date of grant of EC.
 - ii. Caution the Owner Department and specify the penalty that shall be imposed on the owner (SIDCO) in case of failure to comply with specified timeline for laying the dedicated pipe network for transporting the effluent.
 - iii. Direct the Owner Department, pending construction of a dedicated pipe network, to construct and install a bypass system that would allow the flow in the trunk drain, as and when excess of intake capacity of CETPs, on account of whatsoever reason, to flow to existing disposal point without inundating the surrounding areas.
- d) In the instant 94th JKEAC meeting, the compliances made in pursuance to observations made in the 85th meeting and the averments made by project proponent were discussed and the same are recorded as herein under: -
- i. With respect to item I of para (a), the PP has clarified that there are only 48 industries which are presently operational & diverting their effluent to Balol Nallah through their individual drains/Tankers.

PP informed that agriculture fields were getting impacted due to such effluent and that Hon'ble NGT had also directed to install CETP in the shortest possible time or to pay fine as the river was getting polluted due to discharge from industries located in the industrial Estate.

PP further informed that the work for designing, construction, erection & commissioning of 0.5 MLD capacity of CETP was allotted to M/S Sourabh Construction Private Limited on the land measuring 0.33 acre in compliance to such directions from Hon'ble NGT.

PP further asserted that construction of CETP is in itself not causing any environmental damage. On the other hand, the construction of CETP is a bonafide provision for scientific solution to control the environmental damage being caused due to discharge of untreated effluent by the various industrial units.

PP assured that CETP will be started only after the grant of Environmental Clearance to the project.

The Consultant presented the directive part of the order issued by Hon'ble NGT. The Committee opined that since, the PP has undertaken the activity under orders of the NGT and the activity itself is for safeguarding environmental concerns, therefore, the JKEIAA may like to condone the act of the PP to have gone for construction of the CETPs without obtaining prior Environmental Clearance.

- ii. With respect to item ii of para (a), the PP submitted that CETP capacity was estimated by their CETP consultant namely BMRV Engineering Consultants based on actual effluent being diverted into surface water drains at various locations in Bari Brahmana & Samba. Considering 25% higher effluent load as compared to existing flow, capacity of 0.5 MLD CETP for EPIP, Kartholi, industrial Complex, Bari Brahmana was proposed. **The Committee while examining the list of member industries likely to be connected to the CETP, observed that many industries in the list are non-polluting and therefore, the calculations made on total waste water to be treated needs to be checked with the data available with J&K Pollution Control Committee. The Co-opted Member from JK Pollution Control Committee, Mr. JN Sharma assured full cooperation and guidance to the consultant in this regard.**
- iii. With respect to item iii of para (a) with regard to number of member units, the PP has submitted that it was a typo error, and that there are only a total of 48-member industries which shall be connected to the 0.5 MLD CETP. Effluent from member industries is being presently discharged into Balol Nallah & same was measured by their CETP consultant namely BMRV Engineering consultant & found to be 0.327 MLD as mentioned in above reply of point no. ii.
- iv. With respect to item iv of para (a), the PP clarified that 64 kanals of land has already been allotted to one Ramasethu Infrastructure Pvt. Ltd. by J&K SIDCO for setting up of an integrated Common Waste Management & Recycling Facility at IGC, Samba and an approx. 400 kg/day of sludge, generated from 0.5 MLD capacity of CETP will be stored in the allocated area which will then be transferred to Ramasethu Infrastructure Pvt. Ltd. for further disposal as per Hazardous & other wastes (Management & Transboundary Movement) Rules 2016.
- v. With respect to item v of para (a), the PP informed that the performance guarantee has been obtained from the implementation agency viz. M/S Sourabh Construction Private limited, guaranteeing that the treated effluent & sludge characteristics will strictly conform to CPCB parameters during maintenance period of 1 year in terms of allotted work order.

On being asked regarding the performance beyond the defect liability period of one year, PP assured that the performance / CPCB parameters shall be fulfilled during the entire life time cycle of the CETP.

JKEAC stipulated that the performance guarantee as obtained from the implementation agency must include an undertaking that treated effluent shall conform to CPCB parameters/guidelines throughout the life of the CETP.

- vi. While reacting to undertaking regarding laying of well-designed closed pipe network for transferring the effluent from the different industrial units to the upcoming CETP, enclosed as **Annexure-VI of the compliance report, JKEAC observed that the draft of the undertaking is not in tune with the letter and spirit of the recommendation made by the Sub-Committee and detailed herein above. Mr. Bakshi, Xen SIDCO informed that since it may take time for the Administrative Dept. to process the funds for laying the suggested pipeline, he may not be able to give commitment for things which are beyond his capacity.**

In light of above, JKEAC recommends that EC as shall be granted, be designated as interim and valid for 24 months only, the same period as has been recommended by JKEAC for installation and completion of a dedicated pipe network for transferring the effluent from respective member units to the CETP.

- vii. With respect to item vi of para (a), the PP has submitted that the CER cost suggested by the JKEAC has been agreed and provided in the compliance report.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee recommended the case for grant of EC subject to:

- a) Standard & Specific conditions as per **Annexure-E** to these minutes of meeting.
- b) Compliance to all recommendations made by the Sub-Committee in pursuance to its site visit.
- c) Condition that SIDCO would undertake and complete the work of laying of well-designed closed pipe network for transferring the effluent from the different member industrial units to the upcoming CETP at Industrial Growth Centre, **within a time period of 24 months from the date of grant of EC failing which the EC so granted shall lose its validity.**
- d) Condition that JKEIAA cautions SIDCO and the Industries Department and specifies penalty in case of failure to comply with specified timeline for laying the dedicated pipe network for transporting the effluent.
- e) Condition that SIDCO reconciles the data relating to total quantity of waste water generated by the Member units with the data available with J&K Pollution Control Committee **prior to grant of CTO.**
- f) Condition, the attested list of member units depicting the actual number of units likely to contribute waste waters to the proposed CETP with seal and signature is submitted to JKEIAA by the Project Proponent, **prior to grant of EC.**
- g) Condition, that no surface runoff is allowed to mix-up with the waste water originating through closed pipeline, and that the surface runoff is managed and harvested for greening the Industrial Estate.
- h) Condition, the J&K Pollution Control Committee will certify that the design and capacity of the proposed CETP is sufficient to treat the waste water from the Member units for the life time cycle of CETP, **prior to grant of EC.**

- i) **The instant EC shall only be interim and valid for 24 months. The extension beyond 24 months shall be granted by JKEIAA only after the PP certifies that the dedicated pipeline network for transferring effluents from respective member units to the CETP stands installed on ground.**

AGENDA ITEM NO: 02

Title of case:	Grant of Environmental Clearance (EC) for (1.0 MLD) Common Effluent Treatment Plant (CETP) at Phase-II, Industrial Growth Centre, Distt. Samba, UT of J&K, in favour of M/S J&K State Industrial Development Corporation Ltd (SIDCO). ADS
Project type: (whether mining lease/STP/ Quarry license/brick earth/ Industry/Infra/CETP)	Common Effluent Treatment Plant (CETP), Infra -2
Category (B1/B2)	B1
Proposal no:	SIA/JK/MIS/59079/2020
File no:	SEAC/JK/20/576
Consultant with validity	M/S Eco Laboratories and Consultants Pvt Ltd. Valid till: 17/12/2023
Presenter of consultant:	Dr. Sandeep Garg
Project proponent / representative of Project proponent:	Agninder Bakhsi (Executive Engineer)

CASE SUMMARY

Status	Capacity (MLD)	Project / Activity applied Under	Project cost (in lacs)	Area Available (acres)	EPM cost proposed (in lacs)			CER budget proposed (lacs)
					Capital (Construction Phase)	Recurring (Construction phase)	Recurring (Operational phase)	
New Project	1.00	7(h) CETPs	720.20	0.50	35.00	6.50	13.50	7.00

Executive Agency	Order/Permission letter Date	Allotment order No	Period of Completion
Sourabh Construction Private Limited	05/10/2019	SF/02	08 Months

Auto ToRs granted on	Baseline data Collection by project proponent as the case may be	Public Hearing held on	Case discussed by JKEAC earlier on
18-12-2020	Dec-2020 to March 2021	NA	14/02/2022

APPRAISAL PROCESS

STATUS OF DOCUMENTATION

S. No	Document	Status	Remarks of the Committee
1	Form 1/Form 2 as applicable	Submitted	
2	Pre-feasibility report (PFR)	Submitted	Executive Summary submitted.
3	Environmental Management Plan	Submitted	
4	Environmental Protection Measures / Corporate Environmental Responsibility (EPM/CER)	Submitted	As suggested by the committee.

LAND USE PLANNING DETAILS

S.No	Details	Area (m ²)
1	Chemical storage area	25 sq. m.
2	DG set area	20 sq. m.
3	Parking area for cars	50 sq. m.
4	Sludge storage area	20 sq. m.

5	Green area	679 sq. m.
6	ETP complete with all allied works	1264 sq. m.
Total area		2058 sq. m (0.50 acre)

SOLID WASTE MANAGEMENT DETAILS

Solid Waste Generation (Kg/day)	Hazardous waste/ Sewage sludge or other sludge from effluent treatment (Kg/day)	Waste water generation (KLD)	No of industries likely to be connected to the CETP
3.6	1000	0.8	35

WATER REQUIREMENT

S.No	Details	Water Demand (KLD)	Source of Water
1	Domestic water demand	1.00	J&K, SIDCO
2	Green water demand	3.70	Treated waste water
3	Total water demand	4.70	

POWER REQUIREMENT DETAILS

Power Requirement (KW)	Supplying Agency	No of Diesel Gen sets/capacity (KVA)
100	J & K SIDCO	01 NO. (125 KVA)

Proposed chemicals required for the effluent treatment in (CETP)

S.No	Name of Raw Material	Tentative Quantity (kg/day)
1	Lime	460
2	Ferrous Sulphate	230
3	Poly electrolyte	2.50

Expenditure on typical Environmental Protection Measures During Construction & Operational phase:

S. No	Environmental Protection Measures	Capital Cost (Rs in Lakhs)	Recurring Cost (Rs in Lakhs) (Construction Phase)	Recurring Cost (Rs in Lakhs) (Operational Phase)
1	Air & Noise pollution Management (Acoustic enclosure for DG sets)	5.00	1.00	1.00
2	Development of Green belt	2.00	1.00	1.50
3	Rain water Harvesting	1.50	0.50	0.50
4	Environmental Monitoring cost including online continuous monitoring system	20.0	1.00	2.50
5	Solid & Hazardous waste management	1.50	1.00	6.00
6	Miscellaneous (Appointment of consultant & management of environment cell)	5.00	2.00	2.00
	Total	35.00	6.50	13.50

Corporate Environmental Responsibility Activity

S. No	Activities	Cost suggested by PP (Rs in Lakhs)	Cost suggested by the Committee (Rs in Lakhs)
1	Upgradation of educational institutions within 2kms of the site	2.00	
2	Upgradation of Sanitation facilities within 2kms of the site	2.00	
3	Upgradation of Health facilities within 2kms of the site	2.00	
4	Implementation of COVID-19 SoPs within 2kms of the site	1.00	
	Total	7.00	

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The case had been discussed by JKEAC for the grant of EC in the 85th meeting held on 14-02-2022 during which the committee did not approve the case & decided to constitute a sub-committee comprising of Members; **Mr Irfan Yaseen, Er. B B Sharma and Prof. Anil K Raina** to conduct site visit of the CETP sites at SIDCO, Bari Brahmana and Industrial Growth Centre, Samba before moving ahead with the

appraisal process. In the meantime, the PP had been asked to submit compliance to following observations:

- i. As understood and gathered from the presentation, Project Proponent has already commenced the construction work of CETP, though apparently under pressure from the National Green Tribunal but the same has not been mentioned in the Form 2 uploaded on the portal. JKEAC, as such observes that the project falls under violation category and requires to be uploaded on the portal and presented before the JKEIAA in this category.
 - ii. JKEAC desired that Project Proponent bring on record the methodology and the calculations that led the Consultant to fix the capacity of the CETP as 1.0 MLD in terms of 2030 environment guidelines /CPCB Rules.
 - iii. The consultant informed that only 61 industrial units in the estate shall be connected to the CETP (mainly Pharmaceuticals, Pesticides, Metal Based) etc. The Committee desired that the consultant should give the list of member units and industrial effluent generated /contributed by each unit per day.
 - iv. JKEAC also desired Project Proponent and his Consultant to provide for/ include the financial outlay required for and place on record the quantity of sludge that shall be produced per day and the methodology for final disposal of the sludge as per Hazardous Waste Management Rules 2016. Comfort letter from the third party, if involved in the process, shall be prerequisite for the appraisal process.
 - v. JKEAC also desired the Project Proponent to obtain and to include as part of documentation '*a performance guarantee*' from the project implementation agency viz. M/S Sourabh Construction Private Limited that treated effluent and the sludge characteristics shall strictly conform to/ with CPCB guidelines during entire designed life of the Integrated CETP.
 - vi. During the appraisal process, it was noticed that the Consultant had not provided for the CER cost. He was advised to provide for and include CER budget in project proposals in conformance with national guidelines.
- b) The Sub-Committee conducted the site visit of the area on 24/03/2022 and filed its report by email which came under threadbare discussions during the instant 94th meeting of JKEAC. The report of the Sub-Committee forms **Appendix-I** to these minutes.
- c) Considering the report of the Sub-committee, JKEAC recommends that prior to considering grant of EC, JKEIAA should:
- i. Obtain a binding undertaking from SIDCO, the Owner Department, that it would undertake and complete the work of laying of well-designed pipe network for transferring the effluent from the different industrial units to the upcoming CETPs at Bari Brahmana, EPIP, Kartholi and Industrial Growth Centre, Samba within a time period of 24 months from the grant of EC.
 - ii. Caution the Owner Department and specify the penalty that shall visit the owner in case of failure to comply with specified timeline for laying the dedicated pipe network for transporting the effluent.

- iii. Direct the Owner Department to construct and install a bypass system that would allow the flow in the trunk drain, as and when in excess of intake capacity of CETPs on account of whatsoever reason, to flow to existing disposal point without inundating the surrounding areas.
- d) In the instant 94th JKEAC meeting, the compliances made in pursuance to observations made in the 85th meeting and the averments made by the project proponent were discussed and the same are recorded herein as under: -

- i. With respect to item I of para (a), the PP has clarified that there are 35 industries which are presently operational & diverting their effluent to nearby surface water stream through their individual drains/Tankers.

PP informed that the agriculture fields were getting impacted due to such effluent and the Hon'ble NGT had also directed to install CETP in the shortest possible time or to pay fine as the river was getting polluted due to discharge from industries located in industrial estate.

PP further informed that the work for designing, construction, erection & commissioning of 1.0 MLD capacity of CETP was allotted to M/S Sourabh Construction Private Limited on the land measuring 0.5 acre. in compliance to directions from Hon'ble NGT.

PP further asserted that construction of CETP is in itself not causing any environmental damage. On the other hand, the construction of CETP is a bonafide provision for scientific solution to control environmental damage being caused due to discharge of untreated effluent by various industrial units.

PP assured that operation of CETP will be started only after the grant of Environmental Clearance to the project.

The Consultant presented the directive part of the order issued by Hon'ble NGT. The Committee opined that since, the PP has undertaken the activity under orders of the NGT and the activity itself is for safeguarding environmental concerns, therefore, the JKEIAA may like to condone the act of the PP to have gone for constructions of the CETP without obtaining prior Environmental Clearance.

- ii. With respect to item ii of para (a), the PP has submitted that CETP capacity has been estimated by their consultant namely BMRV Engineering Consultants based on actual effluent being diverted into surface water drains at various locations in Bari Brahmana & Samba. **The Committee while examining the list of member industries likely to be connected to the CETP, observed that many industries in the list are non-polluting and therefore, the calculations made on total waste water to be treated needs to be checked with the data available with J&K Pollution Control Committee. The Co-opted Member**

from JK Pollution Control Board, Mr. JN Sharma assured full cooperation and guidance to the consultant in this regard.

- iii. With respect to item iii of para (a) with regard to number of units, the PP informed that there are a total of 35-member industries which shall be connected to the 1.0 MLD CETP. List of member industries was presented before the Committee. PP informed that effluent from member industries is being presently discharged into nearby surface water stream & same was measured by their CETP consultant namely BMRV Engineering consultant & found to be 0.457 MLD. It was however observed that the effluent load of the individual Member industries has not been provided.

The committee also observed that in previous documentation, the PP had mentioned 61 industries to be connected to the proposed CETP. However, as per fresh compliance /information supplied by the PP the total no. of industries to be connected to the CETP are 35 only but the list provided as Annexure-III still shows 50 no. of industries. Therefore, the Committee sought clarification from the PP/consultant who informed that there are only 35 member industries in this CETP and the other 15 in the annexure relate to the agenda 5. **The Committee therefore desired that the PP should certify the actual number of member units to be connected to the CETP, prior to grant of EC.**

- iv. With respect to item iv of para (a), the PP has informed that 64 kanals of land has already been allotted to Ramasethu Infrastructure Pvt. Ltd. by J&K SIDCO for setting up of integrated common Hazardous Waste Management & Recycling Facility at IGC, Samba. Approx. 1000 kg/day of CETP sludge will be generated from 1.0 MLD capacity of CETP which will be stored in the allocated area within the project & then will be sent to Ramasethu Infrastructure Pvt. Ltd. for further disposal as per Hazardous & other wastes (Management & Transboundary Movement) Rules 2016. Letter in this regard from Ramasethu Infrastructure Pvt. Ltd. for lifting up of sludge generated from Samba & Bari Brahmana was presented before the Committee and is on record.
- v. With respect to item v of para (a), the PP has submitted that the performance guarantee in the form of undertaking from implementation agency M/S Sourabh Construction Private Limited stating that treated effluent & sludge characteristics will strictly conform to CPCB guidelines during maintenance period of 1 year as per allotted work order.

Further, on being asked regarding the performance beyond the defect liability period of one year, the PP assured that the performance / CPCB parameters shall be fulfilled during the entire life cycle of the CETP.

Therefore, JKEAC stipulated **that the performance guarantee as obtained from the implementation agency must include an**

undertaking that treated effluent shall conform to CPCB parameters/guidelines throughout the life of the CETP.

- vi. While reacting to undertaking regarding laying of well-designed closed pipe network for transferring the effluent from the different industrial units to the upcoming CETP, enclosed as **Annexure-VI of the compliance report, JKEAC observed that the draft of the undertaking is not in tune with the letter and spirit of the recommendation made by the Sub-Committee and detailed herein above. Mr. Bakshi, Xen SIDCO informed that since it may take time for the Administrative Dept. to process the funds for laying the suggested pipeline, he may not be able to give commitment for things which are beyond his capacity.**

In light of above, JKEAC recommends that EC, as shall be granted, be designated as interim and valid for 24 months only, the same period as has been recommended by JKEAC for installation and completion of a dedicated pipe network for transferring the effluent from respective member units to the CETP.

- vii. With respect to item vi of para (a), the PP has submitted that the CER cost suggested by the JKEAC has been agreed and provided in the compliance report.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee recommended the case for grant of EC subject to:

- a. Standard & Specific conditions as per **Annexure-E** to these minutes of meeting.
- b. Compliance to all recommendations made by the Sub-Committee in pursuance to its site visit.
- c. Condition that SIDCO would undertake and complete the work of laying of well-designed closed pipe network for transferring the effluent from the different member industrial units to the upcoming CETP at Industrial Growth Centre, **within a time period of 24 months from the date of grant of EC failing which the EC so granted shall loose its validity.**
- d. Condition that JKEIAA cautions SIDCO and the Industries Department and specifies penalty in case of failure to comply with specified timeline for laying the dedicated pipe network for transporting the effluent.
- e. Condition that SIDCO reconciles the data relating to total quantity of waste water generated by the Member units with the data available with J&K Pollution Control Board **prior to grant of CTO.**
- f. Condition, the attested list of member units depicting the actual number of units likely to contribute waste waters to the proposed CETP with seal and signature is submitted to JKEIAA by the Project Proponent, **prior to grant of EC.**
- g. Condition, that no surface runoff is allowed to mix-up with the waste water originating through closed pipeline, and that the surface runoff is managed and harvested for greening the Industrial Estate.

- h. Condition, the J&K pollution Control Committee will certify that the design and capacity of the proposed CETP is sufficient to treat the waste water from the Member units for the life time cycle of CETP, **prior to grant of EC.**
- i. **The instant EC shall only be interim and valid for 24 months. The extension beyond 24 months shall be granted by JKEIAA only after the PP certifies that the dedicated pipeline network for transferring effluents from respective member units to the CETP stands installed on ground.**

AGENDA ITEM NO: 03

Title of case:	Grant of Environmental Clearance (EC) for “1.5 MLD CETP plant at Industrial Complex Bari Brahmana, Distt. Samba, by Jammu and Kashmir State Industrial Development Corporation Ltd (J&K SIDCO). 2,098 sq. m (or 0.5 acre) in favour of M/S J & K STATE INDUSTRIAL DEVELOPMENT CORPORATION LTD. (SIDCO), Mr. Pankaj Gupta, Superintending Engineer, 4th Floor, Jawaharlal Nehru Udyog Bhawan, Jammu, J&K-180004 cetpsidco@gmail.com (ADS)
Project type (whether mining lease/STP/ Quarry license/brick earth / Building and construction Projects / CETP plant)	Common Effluent Treatment Plant (CETPs)
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIS/59091/2020
File no:	SEAC/JK/20/577
Consultant with validity	Eco Laboratories & Consultants Pvt. Ltd Valid till: 17/12/2023
Presenter of consultant:	Dr. Sandeep Garg
Project proponent / representative of Project proponent:	Sh. Agninder Bakshi (Executive Engineer)

CASE SUMMARY

Status	Capacity (MLD)	Project/Activity applied Under	Project cost (in Lakhs)	EMP cost proposed (in crore / lacs)			CER budget proposed (lakhs)
				Constructi on Phase Capital Proposed in (Lakhs)	Recurring Proposed in (Lakhs)	Operational phase Recurring Proposed in (Lakhs)	
ADS	1.5	7(h) CETPs	863.80	40.00	9.00	14.5	8.50

Executive agency	Order/Permission letter Date	Allotment order No	Period of Completion
M/S Sourabh Construction Private Limited	05/10/2019	SE/01	08 Months

Public Hearing held on	Auto Generated ToRs granted on	Baseline data Collection by project proponent as the case may be	Case discussed by JKEAC earlier on
NA (Project falls under schedule 7(h))	18/12/2020	18 Dec.2020- 12 March 2021	14/02/2022

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M /Form 1A as applicable	Submitted	
2	Pre-feasibility report (PFR)	submitted	Executive Summary submitted

3	Conceptual Plan / Project layout	Submitted	
5	Environmental Management Plan / Corporate Environmental Responsibility (EMP/CER)	Formulated	

LAND USE PLANNING DETAILS

S.NO	Land use Details	Area in (m2)
1.	Chemical storage area	25
2.	DG set area	20
3.	Parking area	50
4.	Hazardous Sludge room	25
5.	Green area	692
6.	ETP complete with all allied works	1286
	Total Area	2098 sq.m. or (0.5 acre)

SOLID WASTE MANAGEMENT DETAILS

Solid waste Generation (Kg/day)	Hazardous waste/ Sewage sludge or other sludge from effluent treatment Plant (Kg/day)	Waste water generation (KLD)	No of industries likely to be connected to the CETP
3.6	1500	0.8	252

WATER REQUIREMENT

S. No	Details	Water Demand (KLD)	Source of Water
1	Domestic water demand	1.00	J&K, SIDCO
2	Green water demand	3.7	Treated waste water
3	Total water demand	4.7	

POWER REQUIREMENT DETAILS

Power Requirement (KW)	Supplying Agency	No of Diesel Gen sets/capacity (KVA)
156	J & K SIDCO	01 NO (125 kVA)

PROPOSED CHEMICALS REQUIRED FOR THE EFFLUENT TREATMENT IN (CETP)

S. No	Name of Raw Material	Tentative Quantity (kg/day)
1	Lime	750
2	Ferrous Sulphate	345
3	Poly electrolyte	4.5

BUDGETARY PROVISION FOR EMP IMPLEMENTATION

Expenditure on typical Environmental Protection Measures during Construction & Operational phase

S. No	Environmental protection measures	Budget proposed by Proponent (in Lakhs) (Operational Phase)		Budget proposed by Proponent (in Lakhs) (Operational Phase)
		Capital	Recurring	Recurring
1	Air & noise pollution management (Acoustics enclosures for DG set)	8.00	2.00	2.00
2	Development of green belt	2.00	1.00	1.5
3	Rain water harvesting	1.5	0.5	0.5
6	Environment Monitoring Cost including online continuous monitoring system	20.00	2.00	2.5
7	Solid & Hazardous Waste Management	2.5	1.5	6.00
8	Miscellaneous (Appointment of Consultant & Management of Environment cell)	6.00	2.00	2.00

	Total	40.00	9.00	14.4
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COORPORATE ENVIRONMENT RESPONSIBILITY

S. No	Activities	Annual Budget proposed by Proponent (in Lakhs)
1	Upgradation of educational institutions within 2kms of the site	2.00
2	Upgradation of Sanitation facilities within 2kms of the site	3.00
3	Upgradation of Health facilities within 2kms of the site	2.00
4	Implementation of COVID19 SOPs within 2kms of the site	1.50
	Total	8.50

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The case had been discussed by the Expert Appraisal Committee earlier during the 85th Meeting held on 14/02/2022 for grant of EC during which the Committee during which the committee did not approve the case & decided to constitute a sub-committee comprising of Members; **Mr Irfan Yaseen, Er. B B Sharma and Prof. Anil K Raina** to conduct site visit of the CETP sites at SIDCO, Bari Brahmana and Industrial Growth Centre, Samba before moving ahead with the appraisal process. In the meantime, the PP had been asked to submit compliances to following observations:
- i. As understood and gathered from the presentation, Project Proponent has already commenced the construction work of CETP, though apparently under pressure from the National Green Tribunal but the same has not been mentioned in the Form 2 uploaded on the portal. JKEAC, as such observes that the project falls under violation category and requires to be uploaded on the portal and presented before the JKEIAA in this category.
 - ii. JKEAC desired that Project Proponent bring on record the methodology and the calculations that led the Consultant to fix the capacity of the CETP as 1.5MLD in terms of 2030 environment guidelines /CPCB Rules.
 - iii. The Committee desired that the consultant should intimate the actual number of units likely to contribute to the proposed facility giving the list of member units and industrial effluent generated /contributed by each unit per day.
 - iv. JKEAC also desired Project Proponent and his Consultant to provide for/ include the financial outlay required for and place on record the quantity of sludge that shall be produced per day and the methodology for final disposal

of the sludge as per Hazardous Waste Management Rules 2016. Comfort letter from the third party, if involved in the process, shall be prerequisite for the appraisal process.

- v. JKEAC also desired the Project Proponent to obtain and to include as part of documentation 'a performance guarantee' from the project implementation agency viz. M/S Sourabh Construction Private Limited that treated effluent and the sludge characteristics shall strictly conform to/ with CPCB guidelines during entire designed life of the Integrated CTEP.
 - vi. CER Cost has been underestimated by the PP and was advised to provide CER budget in project proposals in conformance with national guidelines.
 - vii. JKEAC, in order to understand/ appreciate the proposals, also decided to constitute a Sub Committee to conduct a visit to site of proposed CETP. SIDCO, the Project Proponent may work out the arrangements and get the site visit conducted in consultation with Secretary, JKEAC
- b) Accordingly, the Sub-Committee conducted the site visit of the area on 24/03/2022 and filed its report by email which came under threadbare discussions during the instant 94th meeting of JKEAC. The report of the Sub-Committee forms **Appendix-I** to these minutes.
- c) Considering the report of the Sub-committee, the JKEAC recommends that prior to considering grant of EC, JKEIAA should:
- i. Obtain a binding undertaking from SIDCO, the Owner Department, that it would undertake and complete the work of laying of well-designed pipe network for transferring the effluent from the different industrial units to the upcoming CETPs at Bari Brahmana, Export Promotion Industrial Park (EPIP), Kartholi and Industrial Growth Centre, Samba within a time period of 24 months from the date of grant of EC.
 - ii. Caution the Owner Department and specify the penalty that shall be imposed on the owner (SIDCO) in case of failure to comply with specified timeline for laying the dedicated pipe network for transporting the effluent.
 - iii. Direct the Owner Department, pending construction of a dedicated pipe network, to construct and install a bypass system that would allow the flow in the trunk drain, as and when excess of intake capacity of CETPs on account of whatsoever reason, to flow to existing disposal point without inundating the surrounding areas.
- d) In the instant 94th JKEAC meeting, the compliances made in pursuance to observations made in the 85th meeting and averments made by project proponent were discussed and are recorded here as under: -
- i. In compliances to **item no. i para (a)**, the PP has clarified that there are **252** industries which are presently operational and diverting their effluent to Balol Nala through their individual drains/ or tankers.

PP informed that the agriculture fields were getting impacted due to such effluent and the Hon'ble NGT had also directed to install CETP in the shortest possible time or to pay fine as the river was getting polluted due to discharge from industries located in industrial estate.

PP has further informed that the work for designing, construction, erection and commissioning of 1.5 MLD capacity of CETP was allotted to M/S Sourabh Construction Private Limited on the land measuring 0.5 acre in compliance to directions from Hon'ble NGT.

PP further asserted that construction of CETP is in itself not causing any environmental damage. On the other hand, the construction of CETP is a bonafide provision for scientific solution to control environmental damage being caused due to discharge of untreated effluent by various industrial units.

PP assured that operation of CETP will be started only after the grant of Environmental Clearance to the project.

The Consultant presented the directive part of the order issued by Hon'ble NGT. The Committee opined that since, the PP has undertaken the activity under orders of the NGT and the activity itself is for safeguarding environmental concerns, therefore, the JKEIAA may like to condone the act of the PP to have gone for constructions of the CETP without obtaining prior Environmental Clearance.

- ii. With respect to **item no. ii para (a)**, the PP has submitted that CETP capacity was estimated by their CETP consultant namely **BMRV Engineering Consultants** based on actual effluent being diverted into surface water drains at various locations in Bari Brahmana and Samba. Considering 25% higher effluent load, capacity of CETP was assumed to be 1.5 MLD.

The Committee while examining the list of member industries likely to be connected to the CETP, observed that many industries in the list are non-polluting and therefore, the calculations made on total waste water to be treated needs to be checked with the data available with J&K pollution Control Committee. The Co-opted Member from JK Pollution Control Board, Mr. JN Sharma assured full cooperation and guidance to the consultant in this regard.

- iii. With respect to **item no iii para (a) with regard to the number of units**, the PP informed that there are total 252-member industries which shall be connected to the 1.5 MLD CETP. The member industries presently discharge into Balol Nala and same was measured by the CETP consultant namely BMRV Engineering Consultants and found to be 1,089 MLD.
- iv. With respect to **item no iv para (a)**, the PP informed that 64 kanals of land has already been allotted without premium to Rama sethu Infrastructure Pvt. Ltd. by J&K SIDCO for setting up of Integrated Common Hazardous Waste Management and Recycling Facility at IGC, Samba for Approx. 1500 kg/day of CETP sludge will be generated from 0.5 MLD capacity of CETP which will be stored in the allocated area within the project and then will be sent to Rama sethu Infrastructure Pvt. Ltd. for further disposal as per Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016.

- v. With respect to item **no v para (a)**, the PP informed that the Performance Guarantee in the form of undertaking from implementation agency i.e. M/S Sourabh Construction Private Limited stating that treated effluent and sludge characteristics will strictly conform to CPCB guidelines during maintenance period of 1 year as per allotted work order.

Further, on being asked regarding the performance beyond the defect liability period of one year, the PP assured that the performance / CPCB parameters shall be fulfilled during the entire life cycle of the CETP.

Therefore, JKEAC stipulated **that the performance guarantee as obtained from the implementation agency must include an undertaking that treated effluent shall conform to CPCB parameters/guidelines throughout the life of the CETP.**

- vi. While reacting to undertaking regarding laying of well-designed closed pipe network for transferring the effluent from the different industrial units to the upcoming CETP, enclosed as **Annexure-VI of the compliance report, JKEAC observed that the draft of the undertaking is not in tune with the letter and spirit of the recommendation made by the Sub-Committee and detailed herein above. Mr. Bakshi, Xen SIDCO informed that since it may take time for the Administrative Dept. to process the funds for laying the suggested pipeline, he may not be able to give commitment for things which are beyond his capacity.**

In light of above, JKEAC recommends that EC as shall be granted be designated as interim and valid for 24 months only, the same period as has been recommended by JKEAC for installation and completion of a dedicated pipe network for transferring the effluent from respective member units to the CETP.

- vii. With respect to item vi of para (a), the PP has submitted that the CER cost suggested by the JKEAC has been agreed and provided in the compliance report.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee recommended the case for grant of EC subject to:

- a. Standard & Specific conditions as per **Annexure-E** to these minutes of meeting.
- b. Compliance to all recommendations made by the Sub-Committee in pursuance to its site visit.
- c. Condition that SIDCO would undertake and complete the work of laying of well-designed closed pipe network for transferring the effluent from the different member industrial units to the upcoming CETP at Industrial Growth Centre, **within a time period of 24 months from the date of grant of EC failing which the EC so granted shall lose its validity.**
- d. Condition that JKEIAA cautions SIDCO and the Industries Department and specifies penalty in case of failure to comply with specified timeline for laying the dedicated pipe network for transporting the effluent.

- e. Condition that SIDCO reconciles the data relating to total quantity of waste water generated by the Member units with the data available with J&K Pollution Control Board **prior to grant of CTO.**
- f. Condition, the attested list of member units depicting the actual number of units likely to contribute waste waters to the proposed CETP with seal and signature is submitted to JKEIAA by the Project Proponent, **prior to grant of EC.**
- g. Condition, that no surface runoff is allowed to mix-up with the waste water originating through closed pipeline, and that the surface runoff is managed and harvested for greening the Industrial Estate.
- h. Condition, the J&K pollution Control Committee will certify that the design and capacity of the proposed CETP is sufficient to treat the waste water from the Member units for the life time cycle of CETP, **prior to grant of EC.**
- i. **The instant EC shall only be interim and valid for 24 months. The extension beyond 24 months shall be granted by JKEIAA only after the PP certifies that the dedicated pipeline network for transferring effluents from respective member units to the CETP stands installed on ground.**

AGENDA ITEM NO: 04

Title of case:	Grant of Environmental Clearance (EC) for “0.5 MLD CETP plant at Phase-III, Industrial Growth Centre, Distt. Samba, Jammu & Kashmir by Jammu & Kashmir State Industrial Development Corporation Ltd (J&K SIDCO) 1,315.23 sq. m. (or 0.33 acre) in favour of M/S J&K STATE INDUSTRIAL DEVELOPMENT CORPORATION LTD. (SIDCO), Mr. Pankaj Gupta Superintending Engineer, 4th Floor, Jawaharlal Nehru Udyog Bhawan, Jammu, J&K-180004 cetpsidco@gmail.com (ADS)
Project type (whether mining lease/STP/ Quarry license/brick earth / Building and construction Projects / CETP plant)	Common Effluent Treatment Plant (CETPs)
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIS/60653/2021
File no:	SEAC/JK/20/578
Consultant with validity	Eco Laboratories & Consultants Pvt. Ltd Valid till: 17/12/2023
Presenter of consultant:	Dr. Sandeep Garg
Project proponent / representative of Project proponent:	Sh. Agninder Bakshi (Executive Engineer)

CASE SUMMARY

Status	Capacity (MLD)	Project/Activity applied under	Project cost (in Lakhs)	EMP cost proposed (in crore / lacs)			CER budget proposed (Crore/annum)
				Construction Phase Capital Proposed in (Lakhs)	Recurring Proposed in (Lakhs)	Operational phase Recurring Proposed in (Lakhs)	
ADS	0.5	7(h) CETPs	527.40	33.5	6.00	13.5	5.5

Executive Agency	Order/Permission letter Date	Allotment order No	Order/permission Date of Validity
M/S R.K Builders Pvt. Ltd.	05/10/2019	SE/04	08 months

Public Hearing held on	Auto Generated ToRs granted on	Baseline data Collection by project proponent as the case may be	Case discussed by JKEAC earlier on
NA (Project falls under schedule 7(h))	15/06/2021	Dec.2020-March 2021	14/02/2022

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
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1	Form 1/Form 2 /Form 1-M /Form 1A as applicable	Submitted	
2	Pre-feasibility report (PFR)	submitted	Executive Summary submitted
3	Conceptual Plan / Project layout	Submitted	
5	Environmental Management Plan/ Corporate Environmental Responsibility (EMP/CER)	Formulated	

LAND USE PLANNING DETAILS

S.NO	Land use Details	Area in (m2)
a	Chemical storage area	25
b	DG set area	20
c	Parking area	40
d	Sludge storage area	16
e	Green area	320
f	ETP complete with all allied works	929
	Total Area	1315.23 sq.m. or (0.33 acre)

SOLID WASTE MANAGEMENT DETAILS

Solid waste Generation (Kg/day)	Hazardous waste/ Sewage sludge or other sludge from effluent treatment Plant (Kg/day)	Waste water generation (KLD)	No of industries likely to be connected to the CETP
3.6	400	0.8	56

WATER REQUIREMENT

S. No	Details	Water Demand (KLD)	Source of Water
1	Domestic water demand	1.00	J&K, SIDCO
2	Green water demand	1.8	Treated waste water
3	Total water demand	2.8	

POWER REQUIREMENT DETAILS

Power Requirement (KW)	Supplying Agency	No of Diesel Gen sets/capacity (KVA)	Stack Height (m)
70	J & K SIDCO	01 (100 KV)	2.00

Proposed chemicals required for the effluent treatment in (CETP)

S. No	Name of Raw Material	Tentative Quantity (kg/day)
1	Lime	250
2	Ferrous Sulphate	120
3	Poly electrolyte	1.50

BUDGETARY PROVISION FOR EMP IMPLEMENTATION

Expenditure on typical Environmental Protection Measures during Construction phase and Operation Phase

S. No	Environmental protection measures	Budget proposed by Proponent (in Lakhs) (Construction Phase)		Budget proposed by Proponent (in Lakhs) (Operational Phase)
		Capital	Recurring	Recurring
1	Air & noise pollution management (Acoustics enclosures for DG set)	5.00	1.00	1.00
2	Development of green belt	1.00	0.50	1.5
3	Rain water harvesting	1.00	0.50	0.5
6	Environment Monitoring Cost including online continuous monitoring system	20.00	1.00	2.5

7	Solid & Hazardous Waste Management	1.5	1.00	6.00
8	Miscellaneous (Appointment of Consultant & Management of Environment cell)	5.00	2.00	2.00
	Total	33.5	6.00	13.5

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No	Activities	Annual Budget proposed by Proponent (in Lakhs)
1	Upgradation of educational institutions within 2kms of the site	100
1	Upgradation of Sanitation facilities within 2kms of the site	2.00
3	Upgradation of Health facilities within 2kms of the site	1.5
4	Implementation of COVID19 SOPs within 2kms of the site	1.00
	Total	5.5

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The case had been discussed by the Expert Appraisal Committee earlier during the 85th Meeting held on 14/02/2022 for grant of EC during which the committee did not approve the case & decided to constitute a sub-committee comprising of Members; **Mr Irfan Yaseen, Er. B B Sharma and Prof. Anil K Raina** to conduct site visit of the CETP sites at SIDCO, Bari Brahmana and Industrial Growth Centre, Samba before moving ahead with the appraisal process. In the meantime, the PP had been asked to submit compliances to following observations:
- i. As understood and gathered from the presentation, Project Proponent has already commenced the construction work of CETP, though apparently under pressure from the National Green Tribunal but the same has not been mentioned in the Form 2 uploaded on the portal. JKEAC, as such observes that the project falls under violation category and requires to be uploaded on the portal and presented before the JKEIAA in this category.
 - ii. JKEAC desired that Project Proponent bring on record the methodology and the calculations that led the Consultant to fix the capacity of the CETP as 0.5MLD in terms of 2030 environment guidelines /CPCB Rules.
 - iii. The Committee desired that the consultant should intimate the actual number of units likely to contribute to the proposed facility giving the list of member units and industrial effluent generated /contributed by each unit per day.
 - iv. JKEAC also desired Project Proponent and his Consultant to provide for/ include the financial outlay required for and place on record the quantity of

sludge that shall be produced per day and the methodology for final disposal of the sludge as per Hazardous Waste Management Rules 2016. Comfort letter from the third party, if involved in the process, shall be prerequisite for the appraisal process.

- v. JKEAC also desired the Project Proponent to obtain and to include as part of documentation 'a performance guarantee' from the project implementation agency viz. M/S R.K Builders Private Limited that treated effluent and the sludge characteristics shall strictly conform to/ with CPCB guidelines during entire designed life of the Integrated CTEP.
 - vi. CER Cost has been underestimated by the PP.
 - vii. JKEAC, in order to understand/ appreciate the proposals, also decided to constitute a Sub Committee to conduct a visit to site of proposed CETP. SIDCO, the Project Proponent may work out the arrangements and get the site visit conducted in consultation with Secretary, JKEAC.
- b) Accordingly, the Sub-Committee conducted the site visit of the area on 24/03/2022 and filed its report by email which came under threadbare discussions during the instant 94th meeting of JKEAC. The report of the Sub-Committee forms **Appendix-I** to these minutes.
- c) Considering the report of the Sub-committee, the JKEAC recommends that prior to considering grant of EC, JKEIAA should:
- i. Obtain a binding undertaking from SIDCO, the Owner Department, that it would undertake and complete the work of laying of well-designed pipe network for transferring the effluent from the different industrial units to the upcoming CETPs at Bari Brahmana, Export Promotion Industrial Park (EPIP), Kartholi and Industrial Growth Centre, Samba within a time period of 24 months from the date of grant of EC.
 - ii. Caution the Owner Department and specify the penalty that shall be imposed on the owner (SIDCO) in case of failure to comply with specified timeline for laying the dedicated pipe network for transporting the effluent.
 - iii. Direct the Owner Department, pending construction of a dedicated pipe network, to construct and install a bypass system that would allow the flow in the trunk drain, as and when excess of intake capacity of CETPs on account of whatsoever reason, to flow to existing disposal point without inundating the surrounding areas.
- d) In the instant 94th JKEAC meeting, the compliances made in pursuance to observations made in the 85th meeting and averments made by project proponent were discussed and are recorded here as under: -
- i. In compliances to **item no i of para (a)**, the PP has clarified that there are only **56** industries which are presently operational and diverting their effluents to nearby surface water stream through their individual drains/ or tankers.

The PP further informed that in previous submitted documentation the number of industries had been mentioned erroneously as 165.

PP further said that NGT had directed to install CETP in the shortest possible time or to pay fine as the river system was getting polluted due to discharge from industries located in the industrial estate.

PP further informed that the work for designing, construction, erection and commissioning of 0.5 MLD capacity of CETP was allotted to M/s R. K. Builders Private Limited on the land measuring 0.33 acre in compliance to directions from Hon'ble NGT.

PP informed that the construction activity was initiated at site with a focus to provide CETP based on suitable treatment technology to assure that only treated wastewater meeting the norms are discharged from industrial complex.

PP further asserted that construction of CETP is in itself not causing any environmental damage. On the other hand construction of CETP is a bonafide provision for scientific solution to control the environmental damage being caused due to discharge of untreated effluent by industries.

Further, PP assured the JKEAC that operation of CETP will be started only after the grant of Environmental Clearance to the project.

The Consultant presented the directive part of the order issued by Hon'ble NGT. The Committee opined that since, the PP has undertaken the activity under orders of the NGT and the activity itself is for safeguarding environmental concerns, therefore, the JKEIAA may like to condone the act of the PP to have gone for constructions of the CETP without obtaining prior Environmental Clearance.

- ii. With respect to **item no ii para (a)**, the PP submitted that the CETP capacity has been estimated by their consultant namely **BMRV Engineering Consultants** based on actual effluent being diverted into surface water drains at various locations in Bari Brahmana and Samba. In this case of 0.5 MLD CETP, phase -3 samba actual flow has been estimated at 0.311 MLD. Considering 25% higher effluent load, capacity of CETP was assumed to be 0.5 MLD for phase -3 samba, he informed. **The Committee while examining the list of member industries likely to be connected to the CETP, observed that many industries in the list are non-polluting and therefore, the calculations made on total waste water to be treated needs to be checked with the data available with J&K pollution Control Committee. The Co-opted Member from JK Pollution Control Board, Mr. JN Sharma assured full cooperation and guidance to the consultant in this regard.**
- iii. With respect to compliances of **item no iii para (a) with regard to number of member units**, the PP has clarified that there are total 56

member industries which shall be connected to the 0.5 MLD CETP. Effluent from member industries is being discharged nearby surface water stream and same was measured by CETP consultant namely BMRV Engineering Consultants and found to be 0.384 MLD.

- iv. In compliances to **item no iv para (a)**, the PP has informed that 64 kanals of land has already been allotted to Rama sethu Infrastructure Pvt. Ltd. by J&K SIDCO for setting up of Integrated Common Hazardous Waste Management and Recycling Facility at IGC, Samba for Approx. 400 kg/day of CETP sludge will be generated from 0.5 MLD capacity of CETP which will be stored in the allocated area within the project and then will be sent to Rama sethu Infrastructure Pvt. Ltd. for further disposal as per Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016.
- v. In compliances to **item no v of para (a)**, the PP informed that the Performance guarantee in the form of undertaking from implementation agency i.e. M/s R.K builders Private Limited stating that treated effluent and sludge characteristics will strictly conform to CPCB guidelines during maintenance period of 1 year as per allotted work order.

Further, on being asked regarding the performance beyond the defect liability period of one year, the PP assured that the performance / CPCB parameters shall be fulfilled during the entire life cycle of the CETP.

Therefore, JKEAC stipulated **that the performance guarantee as obtained from the implementation agency must include an undertaking that treated effluent shall conform to CPCB parameters/guidelines throughout the life of the CETP.**

While reacting to undertaking regarding laying of well-designed closed pipe network for transferring the effluent from the different industrial units to the upcoming CETP, enclosed as **Annexure-VI of the compliance report, JKEAC observed that the draft of the undertaking is not in tune with the letter and spirit of the recommendation made by the Sub-Committee and detailed herein above. Mr. Bakshi, Xen SIDCO informed that since it may take time for the Administrative Dept. to process the funds for laying the suggested pipeline, he may not be able to give commitment for things which are beyond his capacity.**

In light of above, JKEAC recommends that EC as shall be granted be designated as interim and valid for 24 months only, the same period as has been recommended by JKEAC for installation and completion of a dedicated pipe network for transferring the effluent from respective member units to the CETP.

- vi. With respect to item vi of para (a), the PP has submitted that the CER cost suggested by the JKEAC has been agreed and provided in the compliance report.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee recommended the case for grant of EC subject to:

- a. Standard & Specific conditions as per **Annexure-E** to these minutes of meeting.
- b. Compliance to all recommendations made by the Sub-Committee in pursuance to its site visit.
- c. Condition that SIDCO would undertake and complete the work of laying of well-designed closed pipe network for transferring the effluent from the different member industrial units to the upcoming CETP at Industrial Growth Centre, **within a time period of 24 months from the date of grant of EC failing which the EC so granted shall lose its validity.**
- d. Condition that JKEIAA cautions SIDCO and the Industries Department and specifies penalty in case of failure to comply with specified timeline for laying the dedicated pipe network for transporting the effluent.
- e. Condition that SIDCO reconciles the data relating to total quantity of waste water generated by the Member units with the data available with J&K Pollution Control Board **prior to grant of CTO.**
- f. Condition, the attested list of member units depicting the actual number of units likely to contribute waste waters to the proposed CETP with seal and signature is submitted to JKEIAA by the Project Proponent, **prior to grant of EC.**
- g. Condition, that no surface runoff is allowed to mix-up with the waste water originating through closed pipeline, and that the surface runoff is managed and harvested for greening the Industrial Estate.
- h. Condition, the J&K pollution Control Committee will certify that the design and capacity of the proposed CETP is sufficient to treat the waste water from the Member units for the life time cycle of CETP, **prior to grant of EC.**
- i. **The instant EC shall only be interim and valid for 24 months. The extension beyond 24 months shall be granted by JKEIAA only after the PP certifies that the dedicated pipeline network for transferring effluents from respective member units to the CETP stands installed on ground.**

AGENDA ITEM NO: 05

Title of case:	Grant of Environmental Clearance (EC) for "0.5 MLD CETP plant at Phase-II, Industrial Growth Centre Distt. Samba, Jammu & Kashmir by Jammu & Kashmir State Industrial Development Corporation Ltd. (J&K SIDCO). 1315.23 sq. m. (or 0.33 acre) in favour of M/S J&K STATE INDUSTRIAL DEVELOPMENT CORPORATION LTD. (SIDCO), Superintending Engineer, 4th Floor, Jawaharlal Nehru Udyog Bhawan, Jammu, J&K-180004 cetpsidco@gmail.com (ADS)
Project type (whether mining lease/STP/ Quarry license/brick earth / Building and construction Projects / CETP plant)	Common Effluent Treatment Plant (CETP)
Category(B1/B2)	B1

Proposal no:	SIA/JK/MIS/60642/2021
File no:	SEAC/JK/20/579
Consultant with validity	Eco Laboratories & Consultants Pvt. Ltd Valid till: 17/12/2023
Presenter of consultant:	Dr. Sandeep Garg
Project proponent / representative of Project proponent:	Sh. Agninder Bakshi (Executive Engineer)

CASE SUMMARY

Status	Capacity (MLD)	Project/Activity applied for	Project cost (in lakhs)	EMP cost proposed (in lacs)			CER budget proposed (Crore/annu m)
				Construction Phase Capital Proposed in (Lakhs)	Recurring Phase Proposed in (Lakhs)	Operational phase Recurring Proposed in (Lakhs)	
ADS	0.5	7(h) CETPs	527.40	34.00	6.00	13.00	6.5

Executive Agency	Order/Permission letter Date	Allotment order No	Completion time
M/S R.K Builders Pvt. Ltd.	05/10/2019	SE/03	08 months

Public Hearing held on	Auto generated ToRs granted on	Baseline data Collection by project proponent as the case may be	Case discussed by JKEAC earlier on
NA (Project falls under schedule 7(h) of CETP)	15/06/2021	Dec.2020-March 2021	14/02/2022

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M /Form 1A as applicable	Submitted	
2	Pre-feasibility report (PFR)	submitted	Executive Summary submitted
3	Conceptual Plan / Project layout	Submitted	
5	Environmental Management Plan/ Corporate Environmental Responsibility (EMP/CER)	Formulated	

LAND USE PLANNING DETAILS

S.NO	Land use Details	Area in (m2)
1	Chemical storage area	25
2	DG set area	20
3	Parking area	40
4	Sludge storage area	20
5	Green area	320
6	ETP complete with all allied works	890.23
	Total Area	1315.23 sq.m. or (0.33 acre)

SOLID WASTE MANAGEMENT DETAILS

Solid waste Generation (Kg/day)	Hazardous waste/ Sewage sludge or other sludge from effluent treatment Plant (Kg/day)	Waste water generation (KLD)	No of industries feeding to the proposed CETP
3.6	400	0.8	50

WATER REQUIREMENT

S. No	Details	Water Demand (KLD)	Source of Water
1	Domestic water demand	1.00	J&K, SIDCO
2	Green water demand	1.8	Treated waste water
3	Total water demand	2.8	

POWER REQUIREMENT DETAILS

Power Requirement (KW)	Supplying Agency	No of Diesel Gen sets/capacity (KVA)	Stack Height (m)
87.5	J & K SIDCO	01 (100 KV)	3.00

Proposed Chemicals Required for the Effluent Treatment in (CETP)

S. No	Name of Raw Material	Tentative Quantity (kg/day)
1	Lime	250
2	Ferrous Sulphate	120
3	Poly electrolyte	1.50

BUDGETARY PROVISION FOR EMP IMPLEMENTATION Expenditure on typical Environmental Protection Measures during Construction and Operation phase

S. No	Environmental protection measures	Budget proposed by Proponent (in Lakhs) (Construction Phase)		Budget proposed by Proponent (in Lakhs) (Operation Phase)
		Capital	Recurring	Recurring
1	Air & noise pollution management (Acoustics enclosures for DG set)	5.00	1.00	1.00
2	Development of green belt	1.5	0.50	1.00
3	Rain water harvesting	1.00	0.50	0.5
6	Environment Monitoring Cost including online continuous monitoring system	20.00	1.00	2.5
7	Solid & Hazardous Waste Management	1.5	1.00	6.00
8	Miscellaneous (Appointment of Consultant & Management of Environment cell)	5.00	2.00	2.00
	Total	34.00	6.00	13.00

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No	Activities	Annual Budget proposed by Proponent (in Lakhs)
1	Upgradation of educational institutions within 2 kms of the site	1.00
2	Upgradation of Sanitation facilities within 2kms of the site	2.50
3	Upgradation of Health facilities within 2kms of the site	2.00
4	Implementation of COVID19 SOPs within 2kms of the site	1.00
Total		6.50

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a. The case had been discussed by the Expert Appraisal Committee earlier during the 85th Meeting held on 14/02/2022 for grant of EC during which the committee had not approved the case & had decided to constitute a sub-committee comprising of Members; **Mr Irfan Yaseen, Er. B B Sharma and Prof. Anil K Raina** to conduct site visit of the CETP sites at SIDCO, Bari Brahmana and Industrial Growth Centre, Samba before moving ahead with the appraisal process. In the meantime, the PP had been asked to submit compliances to following observations:
 - i. As understood and gathered from the presentation, Project Proponent has already commenced the construction work of CETP, though apparently under pressure from the National Green Tribunal but the same has not been mentioned in the Form 2 uploaded on the portal. JKEAC, as such observes that the project falls under **violation category** and requires to be uploaded on the portal and presented before the JKEIAA in this category.
 - ii. JKEAC desired that Project Proponent bring on record the methodology and the calculations that led the Consultant to fix the capacity of the CETP as 0.5MLD in terms of 2030 environment guidelines /CPCB Rules.
 - iii. The consultant informed that only 21 industrials units (mainly Pharmaceuticals, Pesticides, Metal Based etc.) in the estate shall be connected to the CETP. Therefore, the Committee desired that the consultant should submit the actual list of member units that shall connect to the proposed CETP with details of chemical effluent generated by each of the units per day.
 - iv. JKEAC also desired Project Proponent and his Consultant to provide for/ include the financial outlay required for and place on record the quantity of sludge that shall be produced per day and the methodology for final disposal of the sludge as per Hazardous Waste Management Rules 2016. Comfort letter from the third party, if involved in the process, shall be prerequisite for the appraisal process.
 - v. JKEAC also desired the Project Proponent to obtain and to include as part of documentation 'a performance guarantee' from the project

implementation agency viz. **M/S M/S R.K Builders** that treated effluent and the sludge characteristics shall strictly conform to/ with CPCB guidelines during entire designed life of the Integrated CTEP.

- vi. CER budget has not been provided by the PP.
- b) The Sub-Committee conducted the site visit of the area on 24/03/2022 and filed its report by email which came under threadbare discussions during the instant 94th meeting of JKEAC. The report of the Sub-Committee forms **Appendix-I** to these minutes.
- c) Considering the report of the Sub-committee, the JKEAC recommends that prior to considering grant of EC, JKEIAA should:
 - i. Obtain a binding undertaking from SIDCO, the Owner Department, that it would undertake and complete the work of laying of well-designed pipe network for transferring the effluent from the different industrial units to the upcoming CETPs at Bari Brahmana, Export Promotion Industrial Park (EPIP), Kartholi and Industrial Growth Centre, Samba within a time period of 24 months from the date of grant of EC.
 - ii. Caution the Owner Department and specify the penalty that shall be imposed on the owner (SIDCO) in case of failure to comply with specified timeline for laying the dedicated pipe network for transporting the effluent.
 - iii. Direct the Owner Department, pending construction of a dedicated pipe network, to construct and install a bypass system that would allow the flow in the trunk drain, as and when excess of intake capacity of CETPs on account of whatsoever reason, to flow to existing disposal point without inundating the surrounding areas.
- d) In the instant 94th JKEAC meeting, the compliances made in pursuance to observations made in the 85th meeting and averments made by project proponent were discussed and are recorded here as under: -
 - i. In compliances to **item no. i para (a)**, the PP has clarified that there are 15 industries which are presently operational and diverting their effluent to nearby surface water stream through their individual drains/ or tankers.

PP informed that the agriculture fields were getting impacted due to such effluent and the Hon'ble NGT had also directed to install CETP in the shortest possible time or to pay fine as the river was getting polluted due to discharge from industries located in industrial estate.

PP informed that it was decided to set up **0.5 MLD** CETP at Phase-2, IGC, Samba so that no more polluted effluent should go into nearby surface water stream. He further informed that the work for designing, construction, erection and commissioning of 0.5 MLD capacity of CETP was allotted to M/s **R. K. Builders**, Private Limited on the land measuring 0.33acre.

PP further asserted that construction of CETP is in itself not causing any environmental damage. On the other hand, the construction of CETP is a bonafide provision for scientific solution to control environmental damage being caused due to discharge of untreated effluent by various industrial units.

PP assured that operation of CETP will be started only after the grant of Environmental Clearance to the project.

The Consultant presented the directive part of the order issued by Hon'ble NGT. The Committee opined that since, the PP has undertaken the activity under orders of the NGT and the activity itself is for safeguarding environmental concerns, therefore, the JKEIAA may like to condone the act of the PP to have gone for constructions of the CETP without obtaining prior Environmental Clearance.

- ii. With respect to compliances to **item no ii para (a)**, the PP has submitted and highlighted that CETP capacity was estimated by their consultant namely **BMRV Engineering Consultants** based on actual effluent being diverted into surface water drains at various locations in Bari Brahmana and Samba. In this case of 0.5 MLD CETP, phase -2 Samba actual flow was estimated to be 0.384 MLD. Considering 25% higher effluent load, capacity of CETP was assumed to be 0.5 MLD for phase -2 samba. **The Committee desired the PP to check the effluent load of the member units with the data available with J&K pollution Control Committee. The Co-opted Member from JK Pollution Control Board, Mr. JN Sharma assured full cooperation and guidance to the consultant in this regard.**
- iii. Now in compliances to **item no iii para (a)**, although, PP had mentioned in earlier documentation that there are 21 industrial units to be connected to the CETP. However, in the compliance, it is informed that 15- member industries shall be connected to the 0.5 MLD CETP. However, the list of member industries shows total of 50 industrial units. The Consultant informed that the 35 out of the list pertain to the other project. The effluent from member industries is being discharged to nearby surface water stream and same was measured by our CETP consultant namely BMRV Engineering Consultants and found to be 0.384 MLD as BMRV mentioned in above reply of point no.2. However, the committee observed that the effluent load of the individual Member industries has not been provided.
- iv. In compliances to **item no iv para (a)**, The PP has informed that 64 kanals of land has already been allotted without premium to Rama sethu Infrastructure Pvt. Ltd. by J&K SIDCO for setting up of Integrated Common Hazardous Waste Management and Recycling Facility at IGC, Samba for Approx. 400 kg/day of CETP sludge will be generated from 0.5 MLD capacity of CETP which will be stored in the allocated area within the project and then will be sent to Rama sethu Infrastructure Pvt. Ltd. for further disposal as per

Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016.

- v. With respect to compliances to **item no v para (a)**, the PP has submitted that the Performance guarantee in the form of undertaking from implementation agency i.e. **M/s R.K Builders** Private Limited stating that treated effluent and sludge characteristics will strictly conform to CPCB guidelines during maintenance period of 1 year as per allotted work order.

Further, on being asked regarding the performance beyond the defect liability period of one year, the PP assured that the performance / CPCB parameters shall be fulfilled during the entire life cycle of the CETP.

Therefore, JKEAC stipulated that the performance guarantee as obtained from the implementation agency must include an undertaking that treated effluent shall conform to CPCB parameters/guidelines throughout the life of the CETP.

While reacting to submitted undertaking by SIDCO regarding laying of well-designed closed pipe network for transferring the effluent from the different industrial units to the upcoming CETP, **the JKEAC observed that the draft of the undertaking is not in tune with the letter and spirit of the recommendation made by the Sub-Committee and detailed herein above. Mr. Bakshi, Xen SIDCO informed that since it may take time for the Administrative Dept. to process the funds for laying the suggested pipeline, he may not be able to give commitment for things which are beyond his capacity.**

In light of above, JKEAC recommends that EC as shall be granted be designated as interim and valid for 24 months only, the same period as has been recommended by JKEAC for installation and completion of a dedicated pipe network for transferring the effluent from respective member units to the CETP.

- vi. With respect to item vi of para (a), the PP has submitted that the CER cost suggested by the JKEAC has been agreed and provided in the compliance report.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee recommended the case for grant of EC subject to:

- a. Standard & Specific conditions as per **Annexure-E** to these minutes of meeting.
- b. Compliance to all recommendations made by the Sub-Committee in pursuance to its site visit.
- c. Condition that SIDCO would undertake and complete the work of laying of well-designed closed pipe network for transferring the effluent from the different member industrial units to the upcoming CETP at Industrial Growth Centre, **within a time period of 24 months from the date of grant of EC failing which the EC so granted shall loose its validity.**
- d. Condition that JKEIAA cautions SIDCO and the Industries Department and specifies penalty in case of failure to comply with specified timeline for laying the dedicated pipe network for transporting the effluent.

- e. Condition that SIDCO reconciles the data relating to total quantity of waste water generated by the Member units with the data available with J&K Pollution Control Board **prior to grant of CTO.**
- f. Condition, the attested list of member units depicting the actual number of units likely to contribute waste waters to the proposed CETP with seal and signature is submitted to JKEIAA by the Project Proponent, **prior to grant of EC.**
- g. Condition, that no surface runoff is allowed to mix-up with the waste water originating through closed pipeline, and that the surface runoff is managed and harvested for greening the Industrial Estate.
- h. Condition, the J&K pollution Control Committee will certify that the design and capacity of the proposed CETP is sufficient to treat the waste water from the Member units for the life time cycle of CETP, **prior to grant of EC.**
- i. **The instant EC shall only be interim and valid for 24 months. The extension beyond 24 months shall be granted by JKEIAA only after the PP certifies that the dedicated pipeline network for transferring effluents from respective member units to the CETP stands installed on ground.**

AGENDA ITEM NO: 06

Sub-Agenda 6.1: To discuss the representation made by M/S Palm Riviera for reconsideration of the earlier recommendation regarding quantum of budget under EMP, CER and CSR.

Deliberations: The Committee examined the representation of the project proponent forwarded by the JKEIAA and did not find any merit in it as the quantum of budget under EMP (remediation Plan, natural and community resource augmentation plan) / CER and CSR is not related to the project cost but to the ecological damage assessed and economic benefit derived due to violation of the EP Act as translated in the EIA Notification of 2006. More so, the project proponent and the consultant agreed to the budget under EMP, CER and CSR during the appraisal process.

Further request relating to change of name of the promoter of the Company in the records may be dealt with as per procedures and laws governing the same.

Recommendation: The Committee, in view of the above deliberations, rejected the representation filed by M/S B.R. Mahajan & Sons, Jammu.

Sub-Agenda 6.2: To discuss the Minor Mineral Resource Estimation and replenishment study report on Ferozpur Nallah received from G&M Dept.

Deliberations: The Geological report titled, '*Minor Mineral Estimation, Hydrology, Hydrogeology, and replenishment studies of Nallah Ferozpur, District Baramulla, UT of J&K*' formulated by G&M Dept. and received by JKEIAA had been forwarded to the JKEAC for comments. The Committee examined the report and opined that the study requires scientific field evaluation of replenishment in Ferozpur Nallah and should be based on actual

measurements of aggradations of River Bed Material before and after the rainy season. The report, as such, needs to be revised accordingly and also in accordance with the methodology provided in Enforcement & Monitoring Guidelines for Sand Mining, 2020 report published by the MoEF&CC, GoI. ***The JKEIAA may provide a copy of Replenishment Report of some other state for guidance of the G&M Dept.***

Recommendations: In view of the above deliberations, the Committee recommended that the G&M Dept. be advised to revise the report in accordance with observations made under deliberations herein above.

OBSERVATIONS ABOUT CONDUCT OF CONSULTANTS

(Excellent/Good /Average/Poor)

(SCALE: 9 to 10= Excellent / 7-8=Good /5-6=Average / 4-5= below average / less than 3= Poor)

S. No.	Component	M/S Eco Laboratories and Consultants Pvt Ltd.
1	Submission of the documents	5
2	Site Appreciation Note, kml /kmz file, site photo and site videos and PowerPoint presentation	5
3	Presentation of factual details of case(s)	5
4	Field knowledge of the case(s)	5
5	Formulation of PFR, EMP, EIA, CER etc.	5
	Overall professional conduct during proceedings	5

The minutes were formulated online by the JK Level Expert Appraisal Committee (JKEAC) immediately after the deliberations and are hereby issued with approval of the esteemed Chairman, JKEAC.

(Humayun Rashid)
SECRETARY
JKUT level Expert Appraisal Committee

NO: EAC/JK/22/13723-13735

Dated:10-06-2022

Copy by email to:

1. The Member Secretary, J&K Environment Impact Assessment Authority (JKEIAA), /PCCF/Director, Ecology, Environment and Remote Sensing, J&K Govt., Jammu for favour kind information.
2. Sh. S. C. Sharma, Chairman, J&K Expert Appraisal Committee, (JKEAC) 331 Shastri Nagar, Jammu-180004 for favour of kind information.
3. Sh. M.A Tak, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 124 Mominabad (Near Jakfed), Anantnag Kashmir,-192101 for favour of kind information.
4. Sh. BrajBhushan Sharma, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 278/2 Channi Himmat, Jammu for favour of kind information.

5. Professor Shakeel Ahmad Romshoo, Member, J&K Expert Appraisal Committee, (JKEAC) Department of Earth Sciences Kashmir University Srinagar-190006 for favour of kind information and necessary action please.
6. Sh. Abdul Rashid Makroo, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) H/No. 9 Lane No 11 Sector C, Gulshan Nagar Nowgam Bypass, Srinagar-190019 for favour of kind information please.
7. Professor ArvindJasrotia Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 33/D Sainik Colony Jammu-180011 for favour of kind information please.
8. Dr.Ghulam Mohammad Dar, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Main Campus IMPA&RD, M.A Road, Srinagar-190001 for favour of kind information please.
9. Sh. IrfanYasin, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Bagh-e-Hyderpora, Bypass, Srinagar for favour of kind information please.
10. Professor Anil Kumar Raina, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Department of Environmental Science University of Jammu, Jammu-180006 for favour of kind information please.
11. Professor M. A. Khan, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Khan House, A-27 Milatabad, Peerbagh “B” Srinagar for favour of kind information please.
12. Dr.Falendra Kumar Sudan, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Professor Department of Economics University of Jammu, Jammu for favour of kind information please.
13. Sh. Sheikh Sajid, PA for information and with direction to upload the minutes on the environmental clearance portal at parivesh.nic.in.
14. Concerned File.

APPINDEX -I

Subject: - JKEAC Sub-Committee visit to CETP sites at SIDCO, Bari Brahmana and Industrial Growth Centre, Samba

**Reference: 1. 85th JKEAC Meeting held on 14th of February, 2022,
2. Minutes of issued vide NO: EAC/JK/22/12764-12776 Dated: 28/02/2022
3. JKEAC Communication No: EAC/JK/22/13071-13086 Dated:
15/03/2022;**

Report:

1. In pursuance to the decision of JKEAC in its meeting on 14-02-2022, Sub-Committee of the 3 members comprised of Mr Irfan Yaseen, Er. B B Sharma and Prof. Anil K Raina visited the sites proposed for CETPs on 24-03-2022.
2. Mr Agninder Bakshi Executive Engineer J&K SIDCO and representatives of Eco Laboratories & Consultants Pvt. Ltd, the Consultant Organization responsible for the design of Common Effluent Treatment Plants and overseeing the construction phase of the CETPs accompanied the Sub-Committee
3. Objectives of the physical inspection of the sites, as enunciated in the meeting were as under:
 - i. To understand the physical layout and the present status of the proposed scheme for which the EC is being sought.
 - ii. To understand as to how treatment capacity of the Common Effluent Treatment Plant to further improve the quality of the effluent being discharged from the stand alone ETPs, already established by respective industrial units had been arrived at.
 - iii. To understand as to how the effluent from stand alone CETPs was proposed to be transmitted to the Common Integrated facility now being established.
 - iv. To understand how the final products, the sludge and treated/ clarified effluent were being disposed off.
4. 1.5 MLD Common Effluent Treatment Plant (CETP) at a location near M/S Vijay Steel Industries in SIDCO Industrial Complex Bari Brahmana, Distt. Samba was the first CETP to be inspected by the visiting team.
 - i. Visiting team was given a presentation by Eco Laboratories & Consultants Pvt. Ltd, the Consultant using the blue prints and the process flow charts for the CETP. Thereafter the team went round the plant construction of which is nearly 80% complete.
 - ii. During the inspection, SIDCO, the Owner of the project and the Consultant gave the visiting team to understand that:
 - a. The CETP, being constructed on 2098 sq mt of land located within the Industrial Complex is designed to treat effluent from 511 industrial

units located at different locations within the SIDCO Complex at Bari Brahmana.

- b. The implementation of the project, on account of repeated exhortations from NGT and other regulatory authorities to take urgent steps to protect the environment from the damaging effects of discharge of untreated/ partially treated effluent in the water bodies/ onto open lands, was taken up without securing the pre-requisite environmental clearance from JKEIAA. As on date of visit, construction of physical components of CTEPs and installation electro-mechanical components including SCADA system stand completed to the extent of 80%.
 - c. SIDCO, the Owner of the Project, request JKEAC to appreciate the urgency in face of pressure being mounted by different regulatory Authorities and condone the proactive approach adopted by it in taking up the actual construction of the CETPs in hand without waiting for the process for grant of EC to conclude.
 - d. SIDCO intends to use the existing network of open roadside drains and the force of gravity to transport the effluent from different industrial units/ stand alone CETPs, already put in place by Unit Owners, to the collection chamber of the CETP..
 - e. Effluent is proposed to be treated using the SBR Technology.
 - f. Concern highlighted by JKEAC in its meeting on 14-02-2022 in regard to safe disposal of sludge and treated effluent stands addressed as SIDCO has now entered into a MOU with an organization named “Ram Setu” headquartered at Industrial Growth Centre, Samba and obtained a comfort letter from the said organization saying that the organization would take charge of the sludge produced at CETP Bari Brahmana and dispose of the same in an environmentally safe manner.
 - g. The liquid effluent, after being treated to applicable standards would be disposed off in Balol Nallah in the first instance and that subsequently a scheme would be formulated and implemented to use the treated waste water for meeting irrigation water requirement of green patches in the Industrial Complex.
5. 0.5 MLD Common Effluent Treatment Plant (CETP) at EPIP, Kartholi, Jammu & Kashmir was the 2nd CETP to be visited by the JKEAC Team. Neither any activity was seen in progress at the plant, nor could the team enter the premises. From the external looks of it, the civil works of the plant appear to have been completed to the extent of 80%.
- a. The visiting team was informed by the Consultant that the 0.5 MLD CETP being constructed on 0.33 acres of land at EPIP Complex too was based on SBR technology.
 - b. Effluent from about 511 Industrial Units at EPIP Complex, as in the case of 1.5 MLD CETP at Bari Brahmana, would be transported from the

different Industrial Units to the Common Effluent Treatment facility using the network of surface drains constructed along the edges of the roads and the end products i.e. sludge and treated effluent would be dealt with in the same manner as in the case of 1.5 MLD CETP at Bari Brahmana.,

6. Sub Committee, however, is intrigued that even as the number of effluent contributing units remains the same i.e. 511 in both the cases, treatment capacity of the CETP plants at Bari Brahman and EPIP Complex has been fixed as 1.5 MLD and 0.5 MLD respectively.
7. To clarify the matter, as already instructed during the course of JKEAC meeting on 14-02-2022, SIDCO, the Owner and the Consultant shall submit flow diagrams and the computations used for fixing the respective capacities of the CETPs at Bari Brahman and EPIP, Kartholi.
8. 1.0 MLD CETP at Industrial Growth Center Samba Phase-II was the 3rd CETP to be inspected by the Visiting Team.
 - a. This plant stands commissioned and the visiting team was taken around the different units and shown working of the plant.
 - b. As in the cases of CETPs at Bari Brahmana and EPIP, Kartholi, effluent from different units of Industrial Growth Centre, Samba too is being transported to the CETP using the network of surface drains constructed along the edges of the roads.
 - c. Treated effluent, in the case of this CETP, instead of being transferred to Basantar River in an environmentally safe manner i.e. in a closed drain/ pipe, was seen being discharged on to open land/fields located adjacent to the plant creating obnoxious scene/conditions.

Observations/Recommendations:

1. The civil and electromechanical works of the CETPs at Bari Brahman and EPIP, Kartholi stand completed to the extent of 80% sans environmental clearance. JKEAC, therefore, shall have to take a considered view of the lapse. It can either treat the cases under violation category or to take a lenient view and condone the failure to obtain advance EC as an aberration under the pressure of regulatory authorities and haste to control pollution at the earliest.
2. JKEAC, may also consider that project proponent viz SIDCO could not afford to miss out on the funding line / scheme of the GOI, was obliged to comply with the orders of the NGT and that the CETPS will only ensure environmental compliance with scientific treatment of the effluent at an early date.
3. SIDCO, the project proponent, on its part, also seeks to explain the haste as emanating from its intent to control the pollution at the earliest..
4. Sub Committee, on its part, recommends taking a lenient view of the lapse of the part SIDCO, the Owner but at the same time SIDCO needs to be censured and warned for the lapse and to be careful in future.
5. While the SBR Technology used/ being used in construction of CETPs at Bari Brahmana and EPIP, Kartholi is in vogue these days, Sub-Committee notes

that SIDCO proposal to transport effluent from different industrial units to the integrated effluent treatment facility presently under construction at Bari Brahmana and EPIP, Kartholi using the network of open surface drains constructed on the edges of roads is the weakest link in the scheme of things which will time to time not only impact the efficacy of the treatment, it may also pose a serious public health hazard. It needs mentioning that:

- i. Even under normal conditions, open roadside drains are prone to frequent blockages due to ingress of solid waste of all kinds.
- ii. Resultant obstructions to flow would not only reduce the effluent flow to the integrated common CETP, effluent stagnating in the drains may even overtop the drains and flow on to roads creating extreme foul conditions posing a serious health hazard.
- iii. Mixing of solid waste with the effluent would also adversely affect the efficacy/ working of the CETP and require frequent suspension of the treatment process to enable removal of excessive suspended solids/ waste material particles.
- iv. Rains will only worsen the situation. While the intake sump of the proposed CETP can accept only the designed effluent inflow, excess surface storm water mixed with effluent, over and beyond the carrying capacity of the drains finding no entry to sump tank, will only flow on to roads and may even enter adjacent industrial units. This apprehension is very much real and cannot be allowed to occur under any circumstances.
- v. This situation has come to pass as the Consultant to SIDCO has not done the due diligence. The Consultant has focused its attention only the CETP and the process and not paid any attention as to how the feed stock the plant is to operate on will be brought to plant.
- vi. To ensure that the objectives of the project being implemented are met, a dedicated pipe network for transferring the effluent from the various industrial units to the common facility now under construction ought to have been ab-initio made an integral part of the project and executed in concurrent mode.
- vii. Under ideal conditions, JKEAC ought to grant EC only after the pipe network to transfer the effluent from assorted industrial units to the common facility is laid but under such circumstances, the CETPs at Bari Brahmana and EPIP, Kartholi which stand completed to the extent of 80% at substantial expenditure to public exchequer will remain idle till the dedicated pipe network for transfer of effluent from different industrial units to the Common CETPs is laid on ground and made functional.

6. Sub-Committee, in light of above, recommends that prior to considering grant of EC, JKEIAA

- a. Obtain a binding undertaking from SIDCO, the Owner Department, that it would undertake and complete the work of laying of well designed pipe network for transferring the effluent from the different industrial units to the upcoming CETPs at Bari Brahmana, EPIP, Kartholi and Industrial Growth Centre, Samba within a time period of 24 months from the grant of EC..
- b. Should caution the Owner Department and specify the penalty that shall visit the Owner in case of failure to comply with specified timeline for laying the dedicated pipe network for transporting the effluent.
- c. Direct the Owner Department to construct and install a bypass system that would allow the flow in the truck drain, as and when in excess of intake capacity of CETPs on account of whatsoever reason, to flow to existing disposal point without inundating the surrounding areas.

Sd/-

(B B SHARMA)
MEMBER JKEAC

Sd/-

(IRFAN YASIN)
MEMBER JKEAC

Sd/-

(PROF. A K RAINA)
MEMBER JKEAC

ANNEXURE-E

PART A — STANDARD CONDITIONS:

I. Statutory Compliance:

1. The Project Proponent shall obtain Forest Clearance under Forest Conservation Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
2. The Project Proponent shall obtain clearance from the national Board for Wildlife, if applicable.
3. The Project Proponent shall prepare a site-specific conservation plan and Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendation of the approved site-specific conservation plan/wildlife management plan shall be in consultation with the state forest department. The implementation report shall be furnished along with the 6th monthly compliance report. (in case of the presence of the schedule-I species in the studied area).
4. The Project Proponent shall obtain the Consent to establish/Operate under the provision of Air (Prevention and control of pollution) Act, 1981 and the water (Prevention and control of pollution) Act, 1974 from the concerned UT pollution control committee.
5. The Project Proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water from the competent authority concerned & in case of drawl of surface water required for the project.
6. A certificate of adequacy of available power from the agency supplying to the project along with the load allowed for the project should be obtained.
7. All other statutory clearances such as the approvals for storage of diesel from Chief controller of explosives, Fire Department etc., shall be obtained, as applicable by Project Proponent from the respective Competent Authorities.

II. Air quality monitoring and preservation:

1. The gaseous emission from DG Set shall be dispersed from adequate stack height as per CPCB standards. Diesel generating sets shall be installed in the downwind directions.
2. Appropriate Air pollution control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply prescribed standards.

III. Water quality monitoring and preservation

1. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to UTPCC and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
3. There shall be flow meters at Inlet and outlet of CETP to monitor the flow. Suitable meters shall be provided to measure the quantity of effluent received, quantity of effluent recycled/reused and discharged.
4. The units and the CETP will maintain daily log book of the quantity and quality of discharge from the units, quantity of inflow into the CETP, details of the treatment at each stage of the CETP including the raw materials used, quantity of the treated water proposed to be recycled, reused within the Industrial Park/units, quantity of the treated effluent discharged. All the above information shall be provided on-line on the web site

exclusively prepared for the purpose by the CETP owner. The website shall be accessible by the public. The financial and energy details of the CETP will also be provided along with details of the workers of the CETP.

5. The CETP operator will maintain an annual register of member units which will contain the details of products with installed capacities and quality and quantity of effluents accepted for discharge. This will form a part of the initial and renewal applications for consent to operate to be made before the UT pollution control committee.
6. No changes in installed capacity, quality or quantity of effluents as agreed upon in the initial MOU between the operator and the member units, addition of any new member units shall be carried without prior approval of the ministry.
7. The Unit shall inform the UT pollution control committee at least a week prior to undertaking maintenance activities in the recycle system and store/dispose treated effluents under their advice in the matter.
8. The unit shall also immediately inform the UT Pollution Control committee of any breakdown in the recycling system, store the effluents for the interim period and dispose effluents only as advised by the UT Pollution Control committee.
9. The MoU between CETP and member units shall indicate the maximum quantity of effluent to be sent to the CETP along with the quality.
10. The unit shall maintain a robust system of conveyance for primary treated effluents from the member units and constantly monitor the influent quality to the CETP. The Management of the CETP and the individual member shall be jointly and severally responsible for conveyance and pre-treatment of effluents. Only those units will be authorized to send their effluents to the CETP which have a valid consent of the UT Pollution Control committee and which meet the primary treated standards as prescribed. The CETP operator shall with the consent of the UT pollution control committee retain the powers to delink the defaulter unit from entering the conveyance system.
11. The effluent from member units shall be transported through pipeline. In case the effluent is transported through road, it shall be transported through CETP tankers only duly maintaining proper manifest system. The vehicles shall be fitted with proper GPS system.
12. Before accepting any effluent from member units, the same shall be as permitted by the UTPCC in the consent order. No effluent from any unit shall be accepted without consent from UTPCC under the Water Act, 1974 as amended.
13. Treated water shall be disposed on land for Irrigation. An Irrigation management plan shall be drawn up in consultation with and to the satisfaction of the UT pollution control committee.
14. The Project proponent will build operate and maintain the collection conveyance system to transport effluents from the industrial units in consultation with and to the satisfaction of the UT pollution control committee and ensure that the industrial units meet the primary effluent standards prescribed by the UT pollution control committee.
15. The UT pollution control committee will also evaluate the treatment efficiency of the Effluent Treatment Plant (ETP) and its capability of meeting the prescribed standards. The final scheme of treatment would be such as is approved by the UT Pollution Control Committee in the Consent to Establish.
16. The project proponents will create an institutional arrangement for the involvement of individual members in the management of the CETP.

IV. Noise monitoring and prevention:

1. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

2. Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit, Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipment's.
3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Waste management:

1. ETP sludge generated from CETP facility shall be handled and disposed to nearby authorized TSDF site as per Hazardous and Other Waste Management Rules, 2016.
2. Non-Hazardous solid wastes and sludge arising out of the operation of the CETP shall be adequately disposed as per the Consent to be availed from the UT Pollution Control Committee. Non-Hazardous solid wastes and sludge shall not be mixed with Hazardous wastes.
3. The CETP shall have adequate power back up facility, to meet the energy requirement in case of power failure from the grid.
4. The site for aerobic composting shall be selected and developed in consultation with and to the satisfaction of the UT pollution control committee. Odour and insect nuisance shall be adequately controlled.
5. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
6. The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016.

VI. Energy Conservation measures

1. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
2. Provide LED lights in their offices and residential areas.

VII. Green Belt:

1. Green belt shall be developed in area as provided in project details, with native tree Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with UTPCC guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.

2. Public hearing and Human health issues:

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. Adequate infrastructure, including power, shall be provided for emergency situations and disaster management.
3. Provision shall be made for the housing of construction 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 etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
4. Occupational health surveillance of the workers shall be done on a regular basis.

3. Corporate Environment Responsibility:

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-1A.III dated 1 May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation/violation of the environmental / forest / wildlife norms / conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will report directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
5. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

4. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF & CC/ SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-Monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned UT pollution control committee as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The critical pollutant levels or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
7. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of operation by the project.

8. The project authorities must strictly adhere to the stipulations made by the UT pollution control committee and the State Government.
9. The project proponent shall abide by all the commitments and recommendations made in the EIA/ EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
11. Concealing factual data or submission of false fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
12. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
14. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
15. The above condition shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
16. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

PART B — SPECIFIC CONDITIONS:

1. It shall be ensured that primary treatment of effluents to the level of influent quality standards as prescribed by the JKPCC, is ascertained at the member units.
2. Members shall only be allowed access to the CETP if they have consent from the UT Pollution Control Committee.
3. A dedicated access-controlled conveyance system shall be provided for transporting effluents from the member units to the CETP.
4. Conformance to the influent and effluent standards shall be the responsibility of the Project proponent.
5. The Design of the CETP should be as approved by the UT Pollution Control Committee.
6. The CETP shall operate on the principle of ZLD/SBR into inland surface waters. Treated effluents shall be used in Green belt development and may also be sent back in ratios of their receipts, to the various industrial units for recycle and reuse to the satisfaction of the UT Pollution Control Committee.
7. Periodical monitoring shall be carried out for the functioning of CETP and outlet parameters by UT Pollution Control Committee.
8. Individual members to the CETP shall treat their effluents in Primary treatment systems to the Inlet quality standards of the CETP as prescribed by the UT Pollution Control Committee.

9. Chemical recovery and reuse, either in-house or outside shall be practiced to the satisfaction of the UT Pollution Control Committee. Use in agriculture shall be exercised with caution after getting the irrigation management plan approved by the JKPCC.
10. All tankers carrying untreated wastes and all hazardous and other wastes shall be properly labeled and transported as per the Hazardous and Other Wastes (Management and Transboundary) Rules, 2016.
11. The detailed design of the various unit operations shall strictly conform to the directions of the UT Pollution Control Committee as given in the consent to establish.
12. The Project Proponent and the UT Pollution Control Committee shall ensure that the Membership of the CETP is restricted to only those industries which legitimately exist in the area. A list of industries in this regard shall be prepared by the Association which will have the following details. • Name of Industry • Office Address • Location of Industry • Status of Consent under Water Act along with order number. • Status of consent under Air Act along with order number. • Production capacity as per consent orders. • Total industrial Effluent to CETP as per consent order.
13. The CETP operator will maintain an annual register of member units which will contain the details of products with installed capacities and quality and quantity of effluents accepted for discharge. This will form a part of the initial and renewal applications for consent to operate to be made before the UT Pollution Control Committee.
14. Any changes in the manufacturing process, installed capacity or the quality or quantity of effluents as agreed upon in the initial MOU between the operator and the member units, will only be done after an approval of the UT Pollution Control Committee in the matter.
15. The quantity of hazardous waste i.e. ETP sludge to be generated from CETP facility shall be handled and disposed to nearby authorized TSDF site as per HWM Rules, 2016.
16. Non-Hazardous solid wastes and sludges arising out of the operation of the CETP shall be adequately disposed as per the Consent to be availed from the UT Pollution Control Committee. Non-Hazardous solid wastes and sludges shall not be mixed with Hazardous wastes.
17. The CETP shall have adequate power back up facility, to meet the energy requirement in case of power failure from the grid.
18. All the recommendation of the EMP shall be complied in letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to Regional Office, MoEF&CC along with half yearly compliance report.
19. The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
20. As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, and proposed by the project proponent, funds shall be earmarked under Corporate Environment Responsibility (CER) for the activities as suggested in the CER Table herein above.
21. The activities proposed under CER shall be restricted to 2kms distance around the project site. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.