

Ref. No. - DSPL/ENVT/ **567**/2022-23

Date: 31.01.2022

To
Deputy Director General of Forest (Central),
West Central Zone,
Regional Office, New Secretariat Building,
Opp. VCA Ground, Civil Lines, Nagpur-440001,

Subject : Submission of Six-monthly (July 2021 to Dec 2021) report for
M/s. Daund Sugar Pvt. Ltd., At/Post - Alegaon, Tal: -Daund, District
- Pune, Maharashtra.
Reference : EC No.J-11011/212/2014-IA II (I), Dated 22th March 2016.

Dear Sir,

We have granted EC as mention in reference, as on 22th March 2016. The plant is started as
on 1th April 2017 which is running very smoothly.

As required, we are submitting sixmonthly compliance report for your record as follows;

I. Data Sheet

- (a) Annexure I - Salient features of the project
- (b) Annexure II - Salient features of Environmental Management Plan
- (c) Annexure III - Budget allocated for EMP

II. Six monthly EC Compliance Report (July 2021 to Dec 2021)

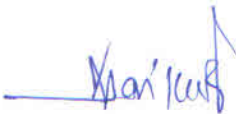
**III. Other Details (Monitoring reports - AAQM, Online Stack Monitoring
Data)**

Kindly receive all above for your record.

Thanking you.

Yours Faithfully

For Daund Sugar Pvt. Ltd.



 Authorized Signatory



Six Monthly Compliance Report

(July 2021 to Dec 2021)

Part – I: Data sheet

1.	Project type: River - valley / Mining / Industry / Thermal / Nuclear / Other (specify)		:	Industry	
2.	Name of the project		:	Daund Sugar Pvt Ltd.	
3.	Clearance letter (s) / OM No. and Date		:	F No. J-11011/212/2014-IA II (I) Dated 22 th March 2016	
4.	Location		:	At post Alegaon, Tal –Daund	
	a.	District (S)	:	Pune	
	b.	State (s)	:	Maharashtra	
	c.	Latitude/ Longitude	:	Latitude	18° 25' 39.74" N
				Longitude	74° 37' 59.44" E
5.	Address for correspondence		:		
	a.	Address of Concerned Project Chief Engineer (with pin code & Telephone / telex / fax numbers	:	Mr.P. M. Joshi At post - Alegaon, Tal – Daund, Dist – Pune, Pin – 413 801 Tel. No. :- 02117-305801	
	b.	Address of Executive Project: Engineer/Manager(with pin code / Fax numbers)	:	Mr. S. B. Gaikwad (Whole Time Director) At post - Alegaon, Tal – Daund, Dist – Pune, Pin – 413 801 Tel. No. :- 02117-305801	
6.	Salient features		:		
	a.	of the project	:	Enclose Annexure I	
	b.	of the environmental management plans	:	Enclose Annexure II	
7.	Break up of the project area		:		
	a.	submergence area forest & non-forest	:	N.A.	
	b.	Others	:	Commercial Area: 246928.00Sq m	

		Construction Area Open Area Total Area		Construction Area : 2140.00 Sq. m Residential Area : 28442.00 Sq. m Total Plot Area : 573804.00 Sq. m
8.		Breakup of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan	:	N.A. (Land secured by proper procedure of Land Acquisition Act under Collector, Pune. Proper compensation paid. No complaints have arisen.)
	a.	SC, ST/Adivasis	:	--
	b.	Others (Please indicate whether these Figures are based on any scientific And systematic survey carried out Or only provisional figures, it a Survey is carried out give details And years of survey)	:	Land is procured about 11 years back.
9.		Financial details	:	
	a.	Total Cost of the Project	:	Plan - Rs.117.82 Cr. Actual -Rs. 113.5439 Cr. (For Ref. Consent No. Format 1.0/CAC/UAN No.MPCB-CONSENT-0000075817/CR-2001000072)
	b.	Allocation made for environmental management plans with item wise and year wise Break-up.	:	Capital : Rs. 79.41 Cr Recurring: Rs. 7.60 Cr. Enclosed - Annexure III
	c.	Benefit cost ratio / Internal rate of Return and the year of assessment	:	The project is found beneficial to the local farmers and society in vicinity.
	d.	Whether (c) includes the cost of environmental management as shown in the above.	:	The environment management cost as earmarked is fully spent only for that purpose.
	e.	Actual expenditure incurred on the project so far	:	The project now stands totally completed.

	f.	Actual expenditure incurred on the environmental management plans so far		The Environment Management Plan now stands totally completed.
10.	Forest land requirement		:	NA
	a.	The status of approval for diversion of forest land for non-forestry use	:	
	b.	The status of clearing felling	:	
	c.	The status of compensatory afforestation, if any	:	
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	
11.	The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information		:	Responsible care was taken to see that the project orientation was so done that no trees were required to be disturbed.
12.	Status of construction		:	
	a.	Date of commencement (Actual and/or planned)	:	Planned – March 2016 Actual – 22th March 2016
	b.	Date of completion (Actual and/or planned)	:	In the year 2015-2016
13.	Reasons for the delay if the Project is yet to start		:	NA
14	Dates of site visits		:	
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	MoEF RO Visit – Dated 20.01.2022 (Mr. Suresh Kumar Adapa Scientist E) MPCB FO Visit - Dated 23.11.2021 (Mr. Sarjerao Bhoi – FO Pune 1) & 30.12.2021 (Mr. Sandip Patil – FO Pune 1)

	b.	Date of site visit for this monitoring report	:	Date :- Dated 23.11.2021 & 30.12.2021
15.		Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits)	:	Whatever information was asked by MPCB is properly attended time to time
		(The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)	:	--

Annexure I : Silent Features of the Project

Name & Location	:	Daund Sugar Pvt Ltd. At post Alegaon, Tal - Daund, Dist - Pune, Pin - 413 801
Contact Details	:	Mr. S. B. Gaikwad - Whole Time Director Phone :- 02117 - 305801 Email :- daundsugars@gmail.com
Total no. Of workers to be employed during the construction phase.	:	Peak : 280 Nos. Average: 160 Nos. Sp. Note - Construction is completed
Total no. Of workers to be employed during the operational phase.	:	Peak : 620 Nos. Average: 260 Nos. Sp. Note - Operation is started
Total Project cost	:	Rs. 117.82 Cr.
Distillery Capacity	:	90 KLPD Molasses based distillery in an integrated complex of 6000 TCD Sugar Factory and 18 MW Co-gen plant
Number of Operational days	:	330 Day
Water Requirement and Sources	:	Fresh 913 m ³ /day from Bhima river
Effluent generated	:	ZLD
Sewage generated	:	74 m ³ /day
Power	:	1440 KWH/day
Gaseous emissions	:	SPM limit 50 mg/Nm ³ from ESP
Solid waste from : 1. Used or Spent oil 2. Yeast Sludge 3. Fly Ash	:	0.857 MT/A, Reuse in own boiler as fuel, 21.5 MT/A, Used as manure. 50 MT/M, Sale to brick manufacturer

Annexure II : Salient features of Environmental Management Plan

Air Pollution Abatement:

Incineration Boiler is provided with ESP as Air Pollution Control System. Working capacity of ESP is around 95% to 98%. The stack height is 82 meters. Online monitoring system is provided to measure the particulate matter emission. The average particulate matter reading is around 20 to 35 mg/Nm³.

Water Pollution Abatement:

- For spent wash is treated with Bio-digester, followed by MEE, followed by incineration boiler is provided to achieve ZLD.
- Leachate proof Lagoon is provided for required >30 days storage capacity.

Noise Pollution Abatement:

- Machines are provided with sturdy foundation to avoid vibration and sound.
- Machines are safe guard.
- Trees are planted along the boundary wall as noise barriers.
- Acoustic enclosures provided for DG sets.
- Vehicular traffic, alcohol tankers are encouraged only in the day-time.
- Roads are maintained levelled and smooth.

Solid Waste Abatement:

- Yeast Sludge – 21.5 MT/A is generated & it is used as manure.
- Used Spent oil – 0.857 MT/A Reuse in own boiler as fuel,
- Fly/Boiler ash – 50.00 MT/M sale to brick manufacturer

Odour:

- Fermentation tank is closed.
- Bio-digester is covered,
- No solar evaporation ponds.

Annexure III : Budget allocated for EMP

During Construction phase: Phase Completed

The construction phase is over. At the time of construction, the EMP budget planned was properly spent to the allocated segments.

During Operational phase:

Proper EMP is planned for the operational phase for which budget is approved by the management and EMP is executing by Environmental cell headed by Environmental Officer, in close loop with Top Management and Environment Consultant. The details of the budget allocation for EMP is tabulated below

Sr.	Budget Allocated For	Plan Budget in Rs. Cr.		Actual Budget in Rs. Cr.	
		Capital Investment	Recurring cost per year	Actual Budget	Recurring cost per year
1	Air Pollution Abatement	4.86	1.53	7.37	0.7
2	Spent wash Treatment Facility –Spent wash Storage tanks, MEE, Blending Mechanism and Incineration Boiler, Condensate Polishing Units.	39.28	8.20	59.09	6.0
3	Noise Pollution Control	1.62	0.41	2.58	0.3
4	Environmental Monitoring & Management (Online etc.)	2.02	0.41	3.26	0.25
5	Occupational Health and Safety	0.64	0.16	0.95	0.07
6.	Green Belt Development & Rain Water Harvesting	0.81	0.20	1.36	0.13
7.	Provision towards CER	3.15	0.30	4.80	0.15
	TOTAL	Rs. 52.41	Rs. 11.24	Rs. 79.41	Rs. 7.60

Six monthly EC Compliance Report (July 2021 to Dec 2021)

EC granted : 22nd March 2016.

EC granted for : 90 KLPD Distillery, 6000TCD Sugar & 18 MW Co-gen

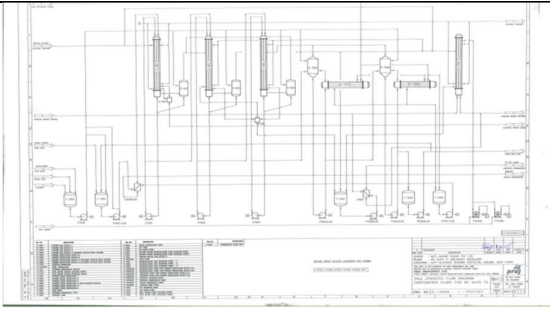


Power production is now commenced

Submission : The present statistics is generally in agreement with the figures stated in paragraph 2 and 3 of the EC.

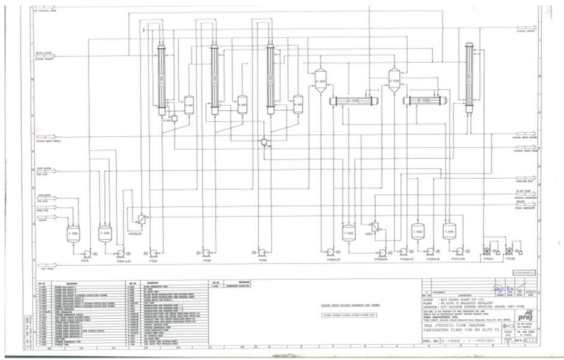
Paragraph 7 has specified 27 conditions as (A) and 18 conditions as (B). All these are attempted to be obeyed in right earnest.

(A) Specific Conditions



Sr. No.	Condition	Say (Compliance)
i	All Pollution control and monitoring equipment's shall be installed, tested and interlocked with the process. SPCB shall grant 'Consent to Operate' after ensuring that all the mentioned pollution control equipment's, construction of storm water drain, rain water harvesting structure, Greenbelt, uploading of compliance report on the website etc have been implemented.	<ul style="list-style-type: none">• In order to ensure meeting the standards of treated effluent, we have designed and provided full scheme as – Bio-digester followed by MEE, followed by incineration boiler.• In order to ensure meeting the standards of stack emissions, we have designed and provided full scheme as – ESP• Stack height with 82m.• We are maintaining it as per standard SOP to run it effectively round the clock.• Large green vegetated area has reduced flowing away quantity of rain water, at least by 1/3rd.• Roof rain water is collected by down-take pipes and conveyed by SWD to the campus water-body.• This year further efforts are made for groundwater recharge as per CPCB design.

		 
ii	<p>Environment clearance accorded is for molasses based distillery unit (90 KLPD) only and no grain based distillery unit shall be operated without prior permission from the Ministry.</p>	<ul style="list-style-type: none"> • Our unit is molasses based distillery unit and we are not operating grain based distillery unit.
iii	<p>As proposed, Electrostatic precipitator (ESP) along with stack of adequate height should be provided to bagasse/ Coal/ concentrated spent wash fired boiler to control particulate emissions within 50 mg/Nm³. At no time the emissions levels shall go beyond the prescribed standers. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted unit the control measures are rectified to achieve the desired efficiency.</p>	<ul style="list-style-type: none"> • We have Coal and Concentrated Spent wash fired boiler (Incineration Boiler). • APC - ESP is provided to arrest fly ash. • Stack -for flue gases a stack with height 82 m is provided. • The average particulate emissions in this period are found to be 30 Mg/nm³ to 40 Mg/nm³, while standard limit is 50Mg/nm³. • Photograph showing boilers connected to ESP & Stack are enclosed. 

iv	<p>In plant, control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records shall be maintained. The emissions shall confirm to be limits prescribed by Maharashtra Pollution Control Board (MPCB)</p>	<ul style="list-style-type: none"> • Conditions are compliance
v	<p>The gaseous emission from DG set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.</p>	<ul style="list-style-type: none"> • Acoustic enclosure is provided.
vi	<p>The company shall upload the status of compliance of the stipulated environmental clearance conditions, including result of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the MPCB. The levels of PM10, PM2.5, SO2, NOx and HC (Methane) in ambient air shall be monitored and displayed at convenient location near the main gate of the company and at important public places.</p>	<ul style="list-style-type: none"> • Web – site compliance done on www.daundsugar.com • We included monitored data for [a] 4 parameters of AAQ, PM10, PM2.5, SO2, NOx and HC • We have erected a Notice Board near main gate, also.


vii	Pucca approach road to project site shall be constructed prior to commencing construction activity of the main distillery to avoid fugitive emissions.	<ul style="list-style-type: none"> Condition is Compliance
viii	Total fresh water requirement from irrigation department, Govt. of Maharashtra shall not exceed 913 M3/day after expansion of Sugar, Distillery (Molasses) as well as CPP. No ground water shall be used without permission. Effort shall be made to use recycled water from sugar condensate of MEE for the Co-generation power unit.	<ul style="list-style-type: none"> Compliance and permission granted for the load of water intake from Bhima River. Total required fresh water is within 913 M3/day.
ix	Spent wash generation from molasses based distillery shall not exceed 8KI/KI of alcohol. The spent from molasses based distillery shall be treated in bio-methanation reactor. Treated spent wash will be evaporated in MEE and concentrated spent wash will be incinerated in the incineration boiler to achieve Zero discharge. Effluent from sugar, spent lees, utilities effluent and evaporator condensate shall be treated in effluent treatment plant and recycled/reused in process. No effluent shall be discharged outside the premises and Zero discharge shall be maintained. As proposed, the existing unit in switch over from bio-composting to incineration. Thereafter, plant shall be operated for 330 days.	<ul style="list-style-type: none"> The spent-wash quantity generated is measured every-day by flow meter It has never crossed the limit of 720m3/day, on any day. ZLD is achieved so far by adopting scheme as Bio-digester followed by MEE, followed by incineration boiler. Distillery unit has not worked for more than 330 days. 

x	Water consumption also to be restricted to 100 liters/ton initially and further to 50 liters/ton cane crushed in a time bound manner as per the CPCB guidelines.	<ul style="list-style-type: none"> • Condition is compliance
xi	Waste water generation from the sugar unit shall not exceed 100 liters per tonne of cane crushed. Effluent from sugar unit shall be treated in the effluent treatment plant.	<ul style="list-style-type: none"> • Condition is compliance
xii	Spent wash shall be stored in impervious RCC logon with HDPE lining as per CPCB guidelines and should be kept in proper condition to prevent ground water pollution. Storage capacity of spent wash logon should be for 5 days.	<ul style="list-style-type: none"> • Storage is in impervious pucca lagoon 80x50x4.6 m • Properly lined with HDPE 250 micron and compacted. • Storage capacity is 18450 cum, which does not exceed 30 days. • It is surveyed every day for leakages. Photograph Enclosed
xiii	As proposed, no effluent from sugar, distillery and co-generation power plant should be discharged outside the premises and Zero discharge shall be achieved.	<ul style="list-style-type: none"> • For Sugar unit we have installed adequate capacity of ETP and for distillery unit we have ZLD
xiv	Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be on monthly basis and report submitted to SPCB and this Ministry. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and total dissolved solids shall be monitored. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to the Ministry's Regional Office at Bhopal and MPCB.	<ul style="list-style-type: none"> • To ascertain any leakages three pits are dug 1x1x2 m depth, one up-gradient and two down-gradient of the lagoon. • Monthly inspection revealed no trace of any leakages. • This checking will continue. • This is not reported by us in writing to MPCB so far. In future, it will be so done to MPCB and MoEF. • Parameters - pH, BOD, COD, Chloride, Sulphate and total dissolved solids.

xv	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond	<ul style="list-style-type: none"> • We are taking precautionary measure to avoid the mixing and for storm water drain guard pond is provided
xvi	Continuous online (24X7) monitoring to be installed for flow measurement and measurement of pollutants within the treatment unit. Data to be uploaded on company's website and provided the respective RO of MOEF&CC and SPCB.	<ul style="list-style-type: none"> • Continuous online stack monitoring system for stack emission is installed. • Measurement of flue gas discharge and the pollutants concentration are carried out on regular basis. • Online instrument data transmitter is connected to CPCB and SPCB server. • Camera and flow meter as per the guideline are provided.  
xvii	Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be on monthly a basis and report submitted to SPCB	<ul style="list-style-type: none"> • To ascertain any leakages three pits are dug 1x1x2 m depth, one up-gradient and two down-gradient of the lagoon. • Monthly inspection revealed no trace of any leakages. • This checking will continue.

	and this Ministry. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and total dissolved solids shall be monitored.	<ul style="list-style-type: none"> This is not reported by us in writing to MPCB so far. In future, it will be so done to MPCB and MoEF. Parameters - pH, BOD, COD, Chloride, Sulphate and total dissolved solids.
xviii	Bagasse/Coal storage should be done in such a way that it does not get air borne or fly around due to wind.	<ul style="list-style-type: none"> We are taking precautions for same and compliance the condition
xix	Boiler ash should be stored separately as per CPCB guidelines so that it should not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust should be avoided. Bagasse ash and coal ash should be stored separately.	<ul style="list-style-type: none"> We are taking precautions for same and compliance the condition.
xx	Fire fighting system shall be as per the norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for fire fighting shall be made to control fire from the alcohol storage tank.	<ul style="list-style-type: none"> The system is provided as per TAC and Factory Inspectorate (DISH = Directorate of Industrial Safety and Health, Maharashtra). This is regularly inspected by Factory Inspectors during visit. The insurance company has approved the system. At certain locations (especially near alcohol areas) foam system are provided.
xxi	Risk Assessment should be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to Ministry and its Regional office at Bhopal within six month.	<ul style="list-style-type: none"> This is conducted by competent persons, for fire and explosion, [Especially due to alcohol storage] Their suggestions are implemented and regular check-up is going on. This year there was no incidence of any accident, unforeseen act or event. Copy of incident report can be submitted to DISH with information to visiting inspector, if any scenario occurred. Copy can also earmark for MPCB and MoEF, if scenario occurred.

xxii	Occupational health surveillance programme should be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre should be strengthened and the regular medical test records of each employee should be maintained separately.	<ul style="list-style-type: none"> • This is conducted by competent persons, for health check, diagnosis, medical aid, further inspections, change of duty-station, especially due to their occupation and exposure. • Their suggestions are implemented and shown to them. • This year there was no incidence of any occupational health hazard, accident, unforeseen act or event. • Copies of medical reports and records periodically are maintained and such reports were routinely submitted to DISH and informed to visiting inspectors. • The first aid facilities are kept strengthened to the satisfaction of Consulting Physician, workers' union and Factory Rules.
xxiii	Dedicated parking facility for loading and unloading of material shall be provided in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.	<ul style="list-style-type: none"> • We have compliance the condition
xxiv	All the issues raised during the public hearing/consultation meeting held 13 th March 2015 should be satisfactorily implemented.	<ul style="list-style-type: none"> • EMP and Public Hearings outcomes are fully implemented.
xxv	As proposed, green belt over 33% of land shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	<ul style="list-style-type: none"> • Totally green-belt is planned on an area of 197500 Sq. m, which is 37% of the total plant area. • So far we have already planted 132000 number of trees, this year we are planting 4500 Nos. • For bio-diversity, in all 25 number of species are planted. • Species are selected as per CPCB publication, MPCB circular and in consultation with Botanical Department of local college. The

		<p>species selection is intimated to DFO for suggestions, if any.</p> <ul style="list-style-type: none"> • Photographs Enclosed 
xxvi	<p>At least 5% of the total cost of the project should be earmarked towards the Enterprises Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details should be prepared and submitted to the Ministry's Regional office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.</p>	<ul style="list-style-type: none"> • Funds ear-marked for environmental protection, were spent only on that account head. • Care is taken for CSR social upliftment, especially for increasing sugarcane crop, educational assistance and employment.
xxvii	<p>Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.</p>	<ul style="list-style-type: none"> • The construction activity was limited in the present case, and was more in the form of fabrication. • Construction workers were available from local nearby village as day workers and were not required to stay here. • Only a few especially skilled workers (ranging between 10 to 15) were accommodated in temporary camp. • For them facilities were provided by us, and by contractors for cooking fuel, mobile toilets, STP, safe drinking water, medical health care, crèche and sanitation are provided.


B. General Conditions

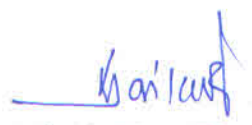
Sr.No.	Condition	Say(Compliance)
i	The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board, (MPCB), State Government and any other statutory authority	<ul style="list-style-type: none">• We are compliance all the condition stipulated in consent order by Maharashtra pollution control board and EC condition. Also care is taken for the all compliances of applicable by State Government and concern statutory authorities.
ii	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forest. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	<ul style="list-style-type: none">• Whenever we will propose expansion we will get the EC from concern authority / MoEF.• We undertake that no further extra production in the plant shall be carried out without prior approval of MoEF, New Delhi.
iii	The locations of ambient air quality monitoring stations shall be decided in consultation with the Maharashtra Pollution Control Board (MPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated	<ul style="list-style-type: none">• We have selected three AAQ stations one upwind and two others at 120 degrees, plus one where maximum GLC is predicted by mathematical modelling during impact assessment.• Quarterly AAQM monitoring is done at factory gate.• Monitoring results are found satisfactory.• Sampling and measurement are carried out by MoEF approved laboratory. The results are submitted to MPCB.

iv	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)	<ul style="list-style-type: none"> Noise control measure are taken by providing acoustic enclosure, silencer, hoods, natural barrier. All the precautionary measure are taken to keep noise level within the standard limit Noise levels are monitored at three locations at three different location. The reports for six monthly compliance are enclosed.
v	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water	<ul style="list-style-type: none"> Rooftop rain water is collected by down-take pipes and conveyed by SWD to the recharging pits.
vi	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	<ul style="list-style-type: none"> Provision has maintained to avoid the spillages and garland drains was constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.
vii	Usage of Personnel Protection Equipment's by the employees/ Workers shall be ensured.	<ul style="list-style-type: none"> Our employees on regular basis obeying the rules of PPE usage like Hand Gloves, Helmet, Safety Shoes, Dresses, goggle, Mask etc
viii	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted	<ul style="list-style-type: none"> EHS trainings are regularly given to the technical staff and nontechnical staff separately. The trainings are given on various different subject connected to Safety, Health and Environmental aspects. Pre-employment and routine medical examination for all employees carried out regularly. Chemical Handling, Storage and Transportation, Loading and Unloading of chemicals induction training given to the responsible person.
ix	The company shall also comply with all the environmental protection	<ul style="list-style-type: none"> EIA, EMP in respect of Environment management and risk mitigation

	measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented	measure related to project are compiled and implemented.
x	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	<ul style="list-style-type: none"> • CSR is planned and executed regularly for the budget approved. • CSR activities like fresh water provision, Educational aids, Road development, Tree Plantation, Health aspect, Area development and Local employment are focused. • Local representatives and administrators are involved during the planning and execution.
xi	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment	<ul style="list-style-type: none"> • For the overall improvement of environment community welfare measure undertaken in the project area.
xii	A separate Environment Management Cell with full-fledged laboratory facilities shall be set up to carry out the Environment Management and Monitoring functions.	<ul style="list-style-type: none"> • Environment Management Cell is established. • It is headed by a qualified and experienced environmental officer having experience more than 10 yrs. • For routine running he is given suitable laboratory assistance. Who do daily analysis. • For additional work he has an approach to MoEF approved laboratory and NABET approved FAE (Functional Area Experts) for guidance & trainings. • The cell reports directly to the MD
xiii	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment	<ul style="list-style-type: none"> • The funds earmarked in EMP for various aspects are not diverted to any other account head. Management is very committed for the same. • The executed Capital investment and recurring funds are more than planned funds earmark. • The details are elaborated under Annexure III.

	management/ pollution control measures shall not be diverted for any other purpose	
xiv	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal	<ul style="list-style-type: none"> • Compliance for informing copy of EC granted by MOEF is conveyed to local authority, MPCB, Grampanchayat village and published in local newspaper.
xv	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF the respective Zonal Office of CPCB and MPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company	<ul style="list-style-type: none"> • We undertake that we shall submit six-monthly reports on compliance of EC conditions to MoEF Regional Office, the respective Zonal Office MPCB and CPCB.
xvi	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	<ul style="list-style-type: none"> • We undertake that we will compliance regularly.
xvii	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the	<ul style="list-style-type: none"> • Condition is Compliance.

	<p>clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://moef.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry</p>	 <p>The image shows a public notice in Marathi and English. The Marathi notice is titled 'लोकामत' (Lokamat) and dated 'पुणे, मंगळवार, दि. ५ एप्रिल २०१६' (Pune, Tuesday, April 5, 2016). It mentions 'जाहीर सूचना' (Public Notice) and provides details about the expansion of the Daund Sugar unit. The English notice is titled 'PUBLIC NOTICE' and states: 'This is to inform that the project "Expansion of Sugar unit up to 6000 TCD and expansion of Distillery project up to 90 KLPD" by M/s. Daund Sugar Ltd., Address : Village Aalegaon, Tehsil Daund, District Pune, State Maharashtra has been accorded Environmental Clearance and copies of the clearance letter are available with the Maharashtra Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change, Government of India at http://environmentclearance.nic.in M/S. DAUND SUGAR LTD.'</p>
<p>xviii</p>	<p>The project authorities 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 and the date of start of the project</p>	<ul style="list-style-type: none"> Condition is Compliance.


 Whole Time Director
 Daund Sugar Pvt. Ltd



MITCON Consultancy & Engineering Services Ltd.
Environment Management and Engineering Division
(Environmental Laboratory)

Agriculture College Campus, Next to DIC office, Shivaji Nagar, Pune. 411 005,
Ph. No. 66289405/400, email: emelab@mitconindia.com

- ISO 45001:2018 (OHSAS) Certified Laboratory.
- MoEF & CC recognized laboratory vide Gazette No S.O.388(E) dt 10th Feb 2017



Format No. EME/LAB/Format 7.8/TR

Test Report

ULR No: TC510821000001501P

Report Number : MITCON/2021-22/November/96

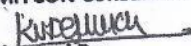
Issue Date: 26/11/2021

Client's Name & Address		Sample Details	
Crown Chemicals 2/3 Block F, Megacenter, Magarpatta Hadapsar, Pune-411073 Maharashtra Site Name: Daund Sugar, Alegaon		Sample Code	MITCON/2021-22/November/96
		Name of Sample	Effluent
		Sample Details	ETP outlet
		Container Details	1 litre plastic bottle
		Sample Collected By	Client
		Sample Collected On	23/11/2021
		Date of Sample Receipt	23/11/2021
		Analysis Start Date	23/11/2021
		End Date of Analysis	26/11/2021

ANALYSIS RESULTS

Sr. No	Parameters	Results	Unit	Test Method
01	pH at 25°C	8.33	-	APHA 4500 H+, A, 4-95, 23 rd Ed. 2017.
02	Total Suspended Solids	12	mg/l	APHA 2540 D-2-70 to 2-71 23 rd Ed 2017
03	Chemical Oxygen Demand	26	mg/l	APHA 5220 C, 5-20 to 5-21 23 rd Ed 2017
04	Biochemical Oxygen Demand at 27°C for 3 Days	9	mg/l	IS: 3025 (Part-44)-1993 (Rev.1, R.A : 2014)

For MITCON Consultancy & Engineering Services Ltd.


Checked By
(Mrs. Kadambari Deshmukh)



Authorized Signatory
Dr. Sandeep Jadhav
Senior vice president



- This Report is valid for tested sample only.
- This Report shall not be reproduced except in full & with written permission of MITCON.
- This Report should not be used for advertisement / judicial purpose.
- Customer complaint register is available in the laboratory.

TEST CERTIFICATE

Report No.	SAEN/OT/TR/21-22/20-31
Date	22/12/2021
Name of Company	M/s. Daund Sugar Pvt Ltd.
Address of Company	At - Alegaon, Tal - Daund, Dist - Pune
Sample Collected By	M/s. Green Scientific Development (I) Private Limited.
Date of Sampling	15/12/2021
Time of Sampling	Day Time
Type of Sample	Compost Yard - West Side Water

CHEMICAL PARAMETERS

Sr. No	Parameter	Results	Unit	Standards	Method
01	pH	7.02	--	6.5 - 8.5	APHA 4500 H+ B
02	Turbidity	<0.81	NTU	< 1	APHA 2130 -B
03	Total Dissolved Solids	251	mg/lit	500	APHA2540 -B
04	Color	<1.1	Hazen Unit	< 5	APHA 2120 -B
05	Odour	Agreeable	--	Agreeable	APHA 2150 -B
06	Alkalinity	105	mg/lit	< 200	APHA 2320 -B
07	Bicarbonate	148	mg/lit	NS	APHA 2320 -B
08	Carbonate	NIL	mg/lit	NS	APHA 2320 -B
09	Permanent Hardness	225	mg/lit	NS	APHA 2340 -C
10	Temporary Hardness	108	mg/lit	NS	APHA 2340 -C
11	Total Hardness as CaCO ₃	250	mg/lit	< 200	APHA 2340 -C
12	Chlorides as CL	63	mg/lit	< 250	APHA 4500 Cl -B
13	Calcium as Ca	41	mg/lit	< 75	APHA 3111 - D
14	Magnesium as Mg	17	mg/lit	< 30	APHA 3111 - B

MICROBIOLOGICAL PARAMETERS

15	Total Coliform at 37 °C for 48 Hrs.	Present	Cfu/100 ml	Absent	IS 1622-2014
16	E.Coli at 44.5 °C for 24 Hrs.	Present	Cfu/100 ml	Absent	IS 1622-2014

Remarks: Based on above results, water sample is not potable.

NOTE: Drinking water standards as per IS 10500:2012

- The above results relate only to the condition prevailing at the time of sampling.
- Test results related only to the sample tested.
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For S A Encon Private Limited

Authorised Signatory



TEST CERTIFICATE

Report No.	SAEN/OT/TR/21-22/20-32
Date	22/12/2021
Name of Company	M/s. Daund Sugar Pvt Ltd.
Address of Company	At - Alegaon, Tal - Daund, Dist - Pune
Sample Collected By	M/s. Green Scientific Development (I) Private Limited.
Date of Sampling	15/12/2021
Time of Sampling	Day Time
Type of Sample	Compost Yard - South Side Water

CHEMICAL PARAMETERS

Sr. No	Parameter	Results	Unit	Standards	Method
01	pH	7.08	--	6.5 - 8.5	APHA 4500 H+ B
02	Turbidity	<0.76	NTU	< 1	APHA 2130 -B
03	Total Dissolved Solids	254	mg/lit	500	APHA2540 -B
04	Color	<1.1	Hazen Unit	< 5	APHA 2120 -B
05	Odour	Agreeable	--	Agreeable	APHA 2150 -B
06	Alkalinity	95	mg/lit	< 200	APHA 2320 -B
07	Bicarbonate	142	mg/lit	NS	APHA 2320 -B
08	Carbonate	NIL	mg/lit	NS	APHA 2320 -B
09	Permanent Hardness	110	mg/lit	NS	APHA 2340 - C
10	Temporary Hardness	102	mg/lit	NS	APHA 2340 -C
11	Total Hardness as CaCO ₃	210	mg/lit	< 200	APHA 2340 -C
12	Chlorides as CL	61	mg/lit	< 250	APHA 4500 Cl -B
13	Calcium as Ca	47	mg/lit	< 75	APHA 3111 - D
14	Magnesium as Mg	16	mg/lit	< 30	APHA 3111 - B

MICROBIOLOGICAL PARAMETERS

15	Total Coliform at 37 °C for 48 Hrs.	Present	Cfu/100 ml	Absent	IS 1622-2014
16	E.Coli at 44.5 °C for 24 Hrs.	Present	Cfu/100 ml	Absent	IS 1622-2014

Remarks: Based on above results, water sample is not potable.

NOTE: Drinking water standards as per IS 10500:2012

- The above results relate only to the condition prevailing at the time of sampling.
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For S A Encon Private Limited

Authorised Signatory



TEST CERTIFICATE

Report No.	SAEN/OT/TR/21-22/20-33
Date	22/12/2021
Name of Company	M/s. Daund Sugar Pvt Ltd.
Address of Company	At - Alegaon, Tal - Daund, Dist - Pune
Sample Collected By	M/s. Green Scientific Development (I) Private Limited.
Date of Sampling	15/12/2021
Time of Sampling	Day Time
Type of Sample	Compost Yard - North Side Water

CHEMICAL PARAMETERS

Sr. No	Parameter	Results	Unit	Standards	Method
01	pH	7.10	--	6.5 - 8.5	APHA 4500 H+ B
02	Turbidity	<0.68	NTU	< 1	APHA 2130 -B
03	Total Dissolved Solids	310	mg/lit	500	APHA2540 -B
04	Color	<1.1	Hazen Unit	< 5	APHA 2120 -B
05	Odour	Agreeable	--	Agreeable	APHA 2150 -B
06	Alkalinity	85	mg/lit	< 200	APHA 2320 -B
07	Bicarbonate	139	mg/lit	NS	APHA 2320 -B
08	Carbonate	NIL	mg/lit	NS	APHA 2320 -B
09	Permanent Hardness	218	mg/lit	NS	APHA 2340 - C
10	Temporary Hardness	104	mg/lit	NS	APHA 2340 -C
11	Total Hardness as CaCO3	223	mg/lit	< 200	APHA 2340 -C
12	Chlorides as CL	68	mg/lit	< 250	APHA 4500 Cl -B
13	Calcium as Ca	38	mg/lit	< 75	APHA 3111 - D
14	Magnesium as Mg	13	mg/lit	< 30	APHA 3111 - B

MICROBIOLOGICAL PARAMETERS

15	Total Coliform at 37 °C for 48 Hrs.	Present	Cfu/100 ml	Absent	IS 1622-2014
16	E.Coli at 44.5 °C for 24 Hrs.	Present	Cfu/100 ml	Absent	IS 1622-2014

Remarks: Based on above results, water sample is not potable.

NOTE: Drinking water standards as per IS 10500:2012

- The above results relate only to the condition prevailing at the time of sampling.
- Test results related only to the sample tested.
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For S A Encon Private Limited

Authorised Signatory



TEST CERTIFICATE

Report No.	SAEN/OT/TR/21-22/20-34
Date	22/12/2021
Name of Company	M/s. Daund Sugar Pvt Ltd.
Address of Company	At - Alegaon, Tal - Daund, Dist - Pune
Sample Collected By	M/s. Green Scientific Development (I) Private Limited.
Date of Sampling	15/12/2021
Time of Sampling	Day Time
Type of Sample	Compost Yard - East Side Water

CHEMICAL PARAMETERS

Sr. No	Parameter	Results	Unit	Standards	Method
01	pH	7.16	--	6.5 - 8.5	APHA 4500 H+ B
02	Turbidity	<0.74	NTU	< 1	APHA 2130 -B
03	Total Dissolved Solids	246	mg/lit	500	APHA2540 -B
04	Color	<1.1	Hazen Unit	< 5	APHA 2120 -B
05	Odour	Agreeable	--	Agreeable	APHA 2150 -B
06	Alkalinity	108	mg/lit	< 200	APHA 2320 -B
07	Bicarbonate	152	mg/lit	NS	APHA 2320 -B
08	Carbonate	NIL	mg/lit	NS	APHA 2320 -B
09	Permanent Hardness	222	mg/lit	NS	APHA 2340 -C
10	Temporary Hardness	109	mg/lit	NS	APHA 2340 -C
11	Total Hardness as CaCO3	248	mg/lit	< 200	APHA 2340 -C
12	Chlorides as CL	63	mg/lit	< 250	APHA 4500 Cl -B
13	Calcium as Ca	40	mg/lit	< 75	APHA 3111 - D
14	Magnesium as Mg	15	mg/lit	< 30	APHA 3111 - B

MICROBIOLOGICAL PARAMETERS

15	Total Coliform at 37 °C for 48 Hrs.	Present	Cfu/100 ml	Absent	IS 1622-2014
16	E.Coli at 44.5 °C for 24 Hrs.	Present	Cfu/100 ml	Absent	IS 1622-2014

Remarks: Based on above results, water sample is not potable.

NOTE: Drinking water standards as per IS 10500:2012

- The above results relate only to the condition prevailing at the time of sampling.
- Test results related only to the sample tested.
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For S A Encon Private Limited

Authorised Signatory



MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 020-25811698
Fax : 020-25811698
Email : sopunelab@mpcb.gov.in
Website : <http://mpcb.gov.in>



Regional Laboratory
Regional Laboratory, Pune, Maharashtra
Pollution Control Board, Jog Center, 3rd
Floor, Mumbai Pune Road,
Wakdevadi, Pune- 411 003

Report Outward No.: MPCB/RL-Pune/Source Emission/21-22/12/40
Date: 10/12/2021 08:31 PM

Analysis Report-Air (Source Emission)

Sample Details	
Field Sample ID :	BR-0011338
Laboratory Sample Code :	MPCB/RL-Pune/STK/21-22/86
Sample Details (Water/Air/HW) :	Air
Sample Volume Received :	
Sample Collected By :	FO-Pune I (Shri. Sarjerao J. Bhoi) (SRO-Pune I)
Seal No. :	6
Sample Collected On :	22/11/2021 10:30 AM
Date of Sample Receipt to Laboratory :	23/11/2021 05:19 PM

Sr.No	Parameter	Result	Unit	Method of analysis
1	SO2	16	mg/m3	
2	Total Particulate Matter	86	mg/Nm3	

Report Type: final

Report generated on: 10/12/2021 08:31 PM

Complied & Approved by: Dr P D Khadkikar

Reviewed on Date: 10/12/2021 08:31 PM

Reviewed by:
Dr P D Khadkikar (Lab. I/c.)
Sr.Scientific Officer/Sc. Officer
Pune Lab, MPCB

* Electronic report does not require signature

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 020-25811698 Fax : 020-25811698 Email : sopunelab@mpcb.gov.in Website : http://mpcb.gov.in		Regional Laboratory Regional Laboratory, Pune, Maharashtra Pollution Control Board, Jog Center, 3rd Floor, Mumbai Pune Road, Wakdewadi, Pune- 411 003
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Report Outward No.: MPCB/RL-Pune/Ambient/21-22/12/70
Date: 27/12/2021 04:04 PM

Analysis Report-Air (Ambient)

Sample Details	
Field Sample ID :	BR-0011337
Laboratory Sample Code :	MPCB/RL-Pune/AMB/21-22/168
Sample Details (Water/Air/HW) :	Air
Sample Volume Received :	
Sample Collected By :	FO-Pune I (Shri. Sarjerao J. Bhoi) (SRO-Pune I)
Seal No. :	6
Sample Collected On :	22/11/2021 10:00 AM
Date of Sample Receipt to Laboratory :	23/11/2021 05:19 PM

Sr.No	Parameter	Result	Unit	Method of analysis
1	SO ₂	8	µg/m ³	
2	SO ₂	10	µg/m ³	
3	RSPM	90	µg/m ³	
4	NO _x	34	µg/m ³	
5	NO _x	37	µg/m ³	

Report Type: final

Report generated on: 27/12/2021 04:04 PM

Complied & Approved by: Dr P D Khadkikar

Reviewed on Date: 27/12/2021 04:04 PM

Reviewed by:
Dr P D Khadkikar (Lab. I/c.)
Sr.Scientific Officer/Sc. Officer
Pune Lab, MPCB

* Electronic report does not require signature

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 020-25811698 Fax : 020-25811698 Email : sopunelab@mpcb.gov.in Website : http://mpcb.gov.in		Regional Laboratory Regional Laboratory, Pune, Maharashtra Pollution Control Board, Jog Center, 3rd Floor, Mumbai Pune Road, Wakdewadi, Pune- 411 003
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Report Outward No.: MPCB/RL-Pune/Ambient/21-22/12/69
Date: 27/12/2021 04:04 PM

Analysis Report-Air (Ambient)

Sample Details	
Field Sample ID :	BR-0011336
Laboratory Sample Code :	MPCB/RL-Pune/AMB/21-22/169
Sample Details (Water/Air/HW) :	Air
Sample Volume Received :	
Sample Collected By :	FO-Pune I (Shri. Sarjerao J. Bhoi) (SRO-Pune I)
Seal No. :	6
Sample Collected On :	22/11/2021 10:15 AM
Date of Sample Receipt to Laboratory :	23/11/2021 05:20 PM

Sr.No	Parameter	Result	Unit	Method of analysis
1	SO ₂	5	µg/m ³	
2	SO ₂	6	µg/m ³	
3	RSPM	73	µg/m ³	
4	NO _x	34	µg/m ³	
5	NO _x	36	µg/m ³	

Report Type: final

Report generated on: 27/12/2021 04:04 PM

Complied & Approved by: Dr P D Khadkikar

Reviewed on Date: 27/12/2021 04:04 PM

Reviewed by:
Dr P D Khadkikar (Lab. I/c.)
Sr.Scientific Officer/Sc. Officer
Pune Lab, MPCB

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MAHARASHTRA POLLUTION CONTROL BOARD

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Repot Outward No.: MPCB/RL-Pune/JVS/21-22/01/266
 Date: 20/01/2022 05:50 PM

Analysis Report-Water (JVS)

Sample Details	
Field Sample ID :	BR-0011331
Laboratory Sample Code :	MPCB/RL-Pune/JVS/21-22/874
Sample Details (Water/Air/HW) :	Water
Sample Volume Received :	
Sample Collected By :	FO-Pune I (Shri. Sarjerao J. Bhoi) (SRO-Pune I)
Seal No. :	6
Sample Collected On :	22/11/2021 10:10 AM
Date of Sample Receipt to Laboratory :	23/11/2021 05:27 PM

Sr.No	Parameter	Result	Unit	Method of analysis
1	pH	7.1		
2	Total Dissolved Solids(TDS)	882.0	mg/l	
3	Suspended Solids (SS)	20.0	mg/l	
4	Biochemical Oxygen Demand (BOD)	90.0	mg/l	
5	Chloride	184.94	mg/l	
6	Chemical Oxygen Demand (COD)	236.0	mg/l	
7	Sulphate	80.80	mg/l	
8	Oil & Grease	2.6	mg/l	

Report Type: final

Report generated on: 20/01/2022 05:50 PM

Complied & Approved by: Dr P D Khadkikar

Reviewed on Date: 20/01/2022 05:50 PM

Reviewed by:

Dr P D Khadkikar (Lab. I/c.)
Sr.Scientific Officer/Sc. Officer
Pune Lab, MPCB

* Electronic report does not require signature

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 020-25811698
Fax : 020-25811698
Email : sopunelab@mpcb.gov.in
Website : <http://mpcb.gov.in>



Regional Laboratory
Regional Laboratory, Pune, Maharashtra
Pollution Control Board, Jog Center, 3rd
Floor, Mumbai Pune Road,
Wakdevadi, Pune- 411 003

Report Outward No.: MPCB/RL-Pune/JVS/21-22/01/267
Date: 20/01/2022 05:50 PM

Analysis Report-Water (JVS)

Sample Details	
Field Sample ID :	BR-0011332
Laboratory Sample Code :	MPCB/RL-Pune/JVS/21-22/873
Sample Details (Water/Air/HW) :	Water
Sample Volume Received :	
Sample Collected By :	FO-Pune I (Shri. Sarjerao J. Bhoi) (SRO-Pune I)
Seal No. :	6
Sample Collected On :	22/11/2021 10:25 AM
Date of Sample Receipt to Laboratory :	23/11/2021 05:26 PM

Sr.No	Parameter	Result	Unit	Method of analysis
1	Suspended Solids (SS)	12.0	mg/l	
2	Biochemical Oxygen Demand (BOD)	64.0	mg/l	

Report Type: final

Report generated on: 20/01/2022 05:50 PM

Complied & Approved by: Dr P D Khadkikar

Reviewed on Date: 20/01/2022 05:50 PM

Reviewed by:
Dr P D Khadkikar (Lab. I/c.)
Sr.Scientific Officer/Sc. Officer
Pune Lab, MPCB

* Electronic report does not require signature

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 020-25811698 Fax : 020-25811698 Email :sopunelab@mpcb.gov.in Website : http://mpcb.gov.in		Regional Laboratory Regional Laboratory, Pune, Maharashtra Pollution Control Board, Jog Center, 3rd Floor, Mumbai Pune Road, Wakdewadi, Pune- 411 003
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Report Outward No.: MPCB/RL-Pune/JVS/21-22/02/105

Date: 11/02/2022 08:58 AM

Analysis Report-Water (JVS)

Sample Details	
Field Sample ID :	BR-0014639
Laboratory Sample Code :	MPCB/RL-Pune/JVS/21-22/1221
Sample Details (Water/Air/HW) :	Water
Sample Volume Received :	
Sample Collected By :	FO-Pune (Sandeep R. Patil) (SRO-Pune I)
Seal No. :	263
Sample Collected On :	30/12/2021 01:05 AM
Date of Sample Receipt to Laboratory :	03/01/2022 03:21 PM

Sr.No	Parameter	Result	Unit	Method of analysis
1	pH	7.1		
2	Total Dissolved Solids(TDS)	1960.0	mg/l	
3	Suspended Solids (SS)	82.0	mg/l	
4	Biochemical Oxygen Demand (BOD)	75.0	mg/l	
5	Chloride	454.86	mg/l	
6	Chemical Oxygen Demand (COD)	232.0	mg/l	
7	Sulphate	349.30	mg/l	
8	Oil & Grease	2.0	mg/l	

Report Type: final

Report generated on: 11/02/2022 08:58 AM

Complied & Approved by: Dr P D Khadkikar

Reviewed on Date: 11/02/2022 08:58 AM

Reviewed by: Dr P D Khadkikar

Dr P D Khadkikar (Lab. I/c.)
Approving Authority
Reviewing Authority

Pune Lab, MPCB

* Electronic report does not require signature