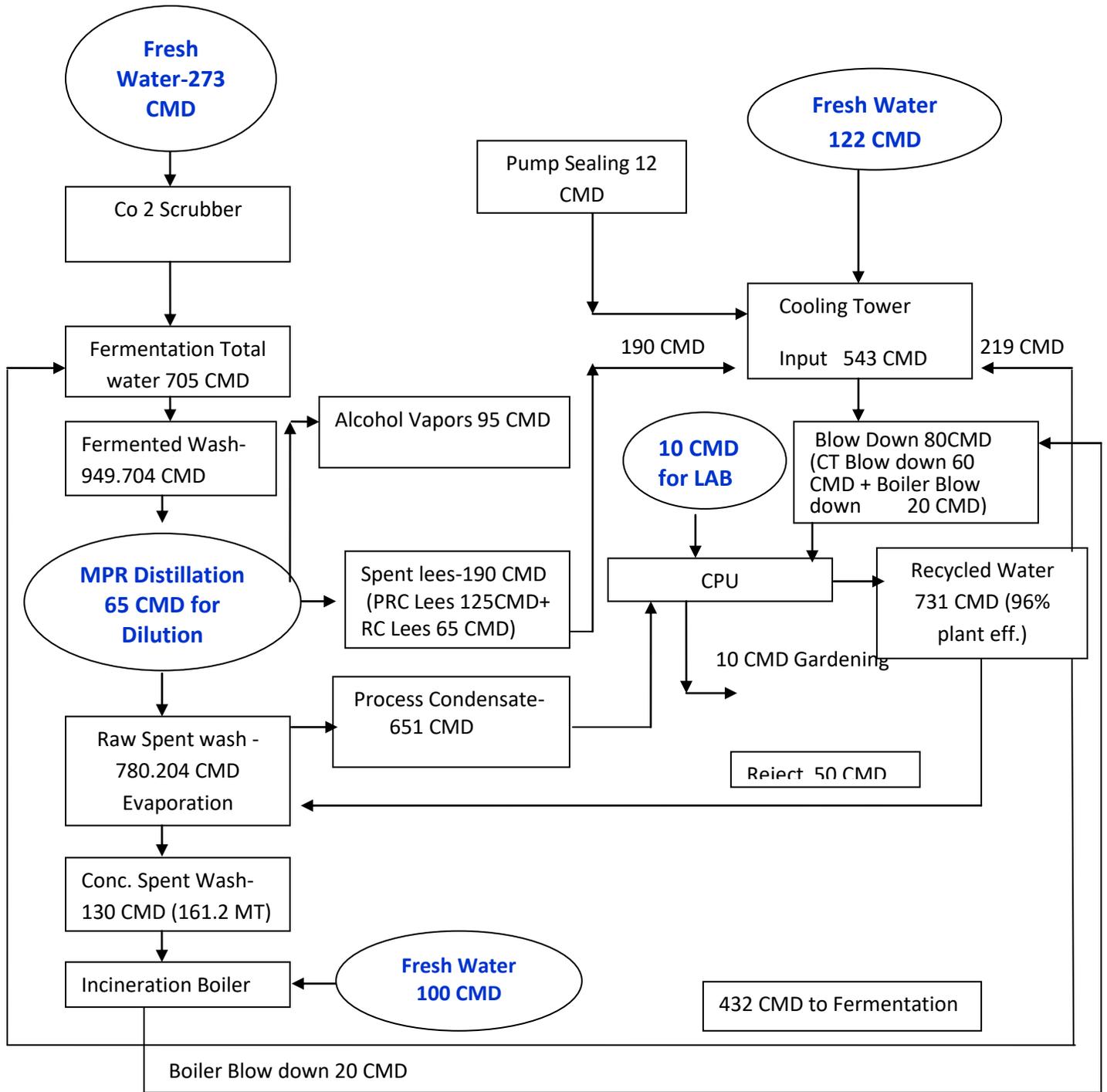


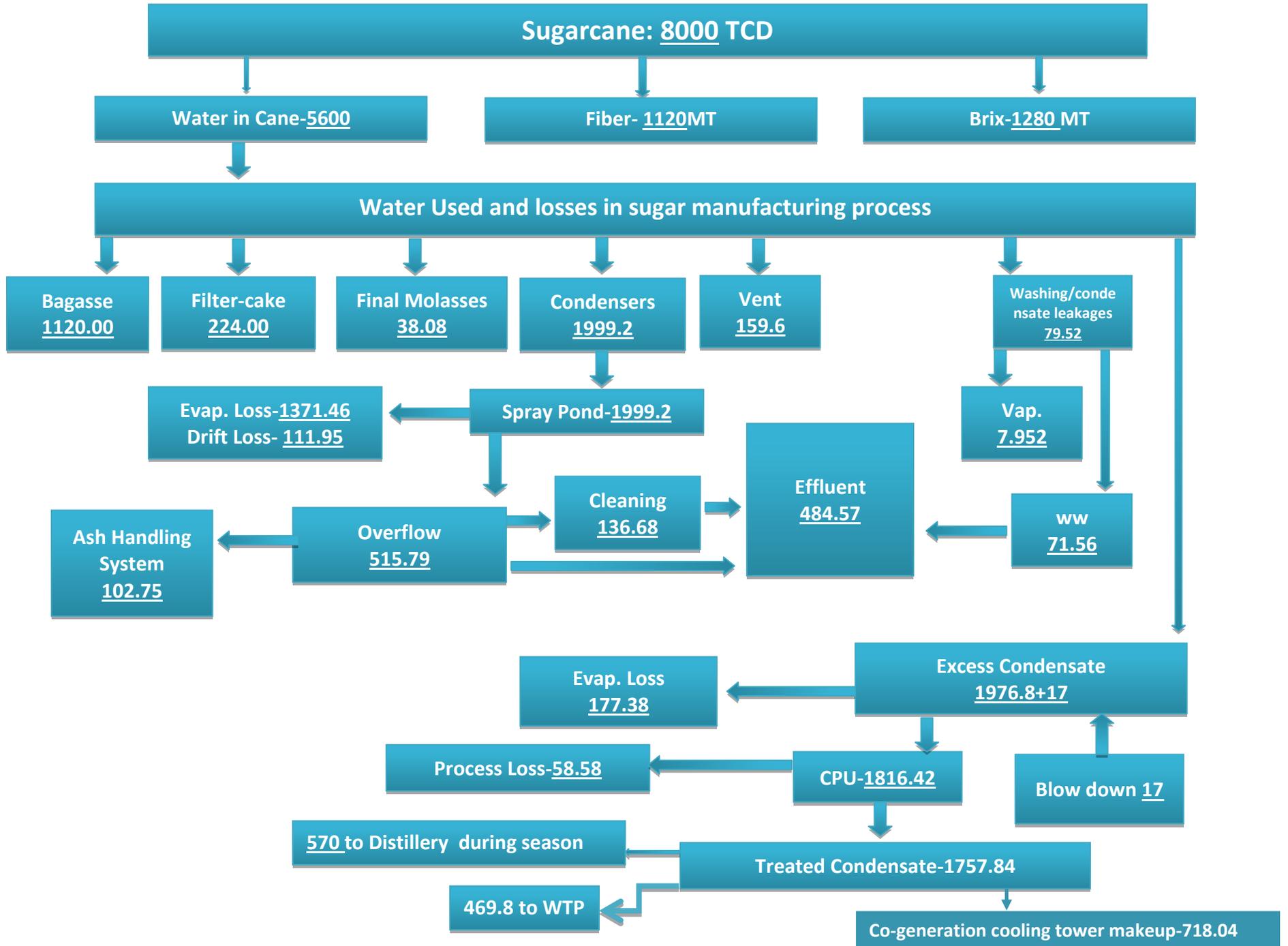
Water Balance of 95 KLPD Distillery Plant



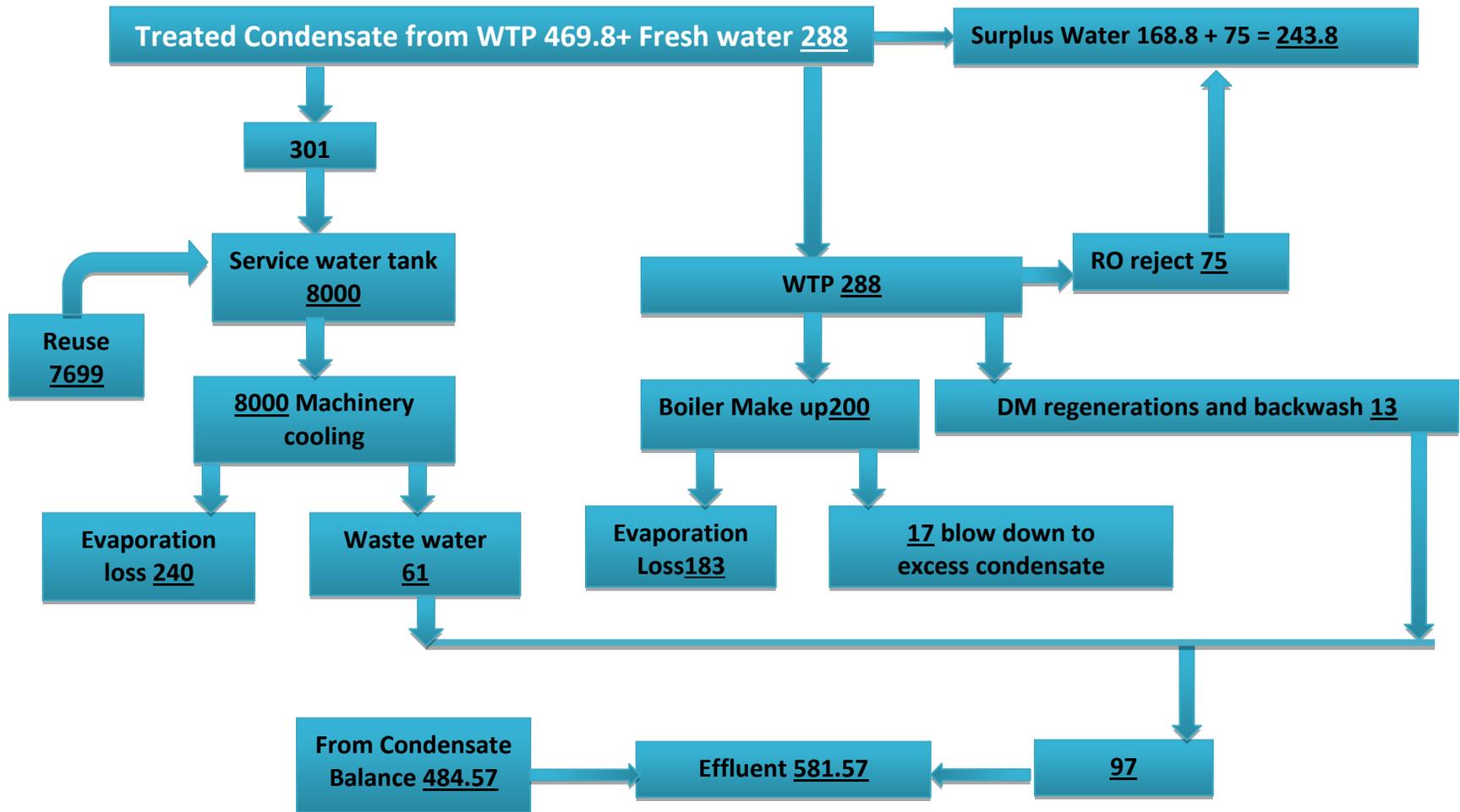
Total recycle and fresh water requirement

Sr. No.	Particulars	Water Input in CMD	Water Recycled in CMD	Fresh Requirement in CMD
1	Process water for Fermentation & CO ₂ Scrubber	705	432	273
2	DM Water for RS Dilution	65	----	65
3	Water for vacuum pump sealing, air Blower & other	12	12	----
4	Soft Water Make up for Cooling Tower	543	421	122
5	Other domestic usage, Laboratory & cleaning	10	----	10
6	Boiler	100	----	100
7	Total	1435	865	570

Water Balance in Sugar Processing from Sugar Cane (m³/ Day)



Cold Water Balance in sugar mill with cogeneration (m³/d)



Wastewater Generation for 8000 TCD Sugar factory

Sr.No.	Particulars	M ³ /day
1	Floor washing & Condensate leakages	71.56
2	Spray pond / Cooling tower overflow	276.30
3	Machinery cooling	61
4	Cleaning & Washing	136.68
5	Boiler blow down	0.00
6	WTP Wastewater	36
	Total	581.54
	Surplus water	243.8
	Water available for distillery/irrigation	825.34

PUBLIC HEARING MINUTES IN BRIEF

Date : 23th August 2017
Time :11.30 am
Venue : At Factory Site Of Sar Senapati Santaji Ghorpade Sugar Factory Ltd.,Post Belewadi Kalamma, Tal. Kagal, Dist. Kolhapur, Maharashtra

Following panel members were present for the public hearing:

Shri. Sanjay Shinde **Chairman**
 Additional District Magistrate, Kolhapur.
 (Representative of District Collector; Kolhapur)

Shri. Dilip Khedkar **Member**
 Regional office M.P.C. Board, Kolhapur
 (Representative of Maharashtra pollution Control Board)

Shri R. S. Kamat **Convener**
 I/c. Sub Regional Officer, MPC Board, Kolhapur.

Sr. No.	After completing the presentation, the Honorable Chairman address to all people to start presenting their questions or objections or any suggestions with respect to this proposed project accordingly following discussion / questions-answers started.	
1.	Shri. Pratap Mane Kagal, Kolhapur	He mentioned that project does not cause environmental pollution. The project is beneficial to the farmers and hence, all farmers are supporting the project. Due to expansion, farmers will get good rate for their sugarcane and there will be development in this area. He congratulated to this project because it is going to use 70% water present in the sugarcane without taking water from Chikotra Dam. Not a single drop of effluent will be generated due to burning of spent wash. There are 7500 trees of mango and Chikoo planted in the premises and there is provision of 4000 additional tree

		plantation. There is direct employment and indirect employment in this area due to this industry and hence, such type of projects should start in the village areas and the government should take initiative for it. He requested that permission should be given to this proposed project.
2.	Shri. Umesh Shamrao Desai At Kapashi, Kagal, Kolhapur	He said that we do not have any objection to this expansion project. But water from Chikotra river is required for this project. We have submitted proposal to the District Collector, Kolhapur for diversion of this water which is still pending. He requested to the Hon'ble Chairman to give NOC to the said proposal In favor of the project.
3.	Shri. Parashram Tavare Kapasi, Tal Kagal, Dist: Kolhapur.	He congratulated the factory management . He said he is not against any industry but it should comply with all the parameters/terms and conditions stipulated by Maharashtra Pollution Control Board in respect of air, water and other parameters have submitted. Written representation in which he has mentioned points on which explanations should be given. I appeal to the government and all people present for the public hearing to solve the question of water supply for the purposes like drinking, agriculture and food for the cattle's in this area. The EIA report (English Version) incorporates all the points mentioned and it was answered at the time of public hearing which was applauded.
4.	Shri. Shivanadan Mali Mhakave, Tal Kagal, Dist: Kolhapur.	He congratulated the factory management and technical department for presenting information in simple language. He mentioned that earlier the factory had less production capacity. Also, the sugar cane crop generation in Kagal taluka is in huge quantity. That's why as per record of last year, 45000 MT of sugar cane was supplied to sugar factories located in Karnataka state. If this was crushed in Kagal taluka all the revenue from taxes could be gone into different funds including Chief Minister Fund. Hence, permission to the proposed project should be given immediately and increase the revenue of the State. If the proposed project is started, the sugar cane crop can be crushed within two and half months instead of four months and farmers can grow other crops in this time which will help them to earn some extra income. He requested to give permission to the proposed project.

5.	Shri. Hindurao Desai Deputy Chairman of Panchayat Samiti at Aiara, Tal: Aiara, Dist: Kolhapur	He mentioned that this is the first industry to conduct the public hearing in such a large-scale but other industries have conducted the public hearing where less response of public is there. We can see that there is no any smell (aroma), even if we are sitting near the factory. People support the proposed project. Hence permission should be given for the same.
6.	Shri. Shashikant Khot Kapashi. Tal: Kaqal' Dist: Kolhapur.	We all gathered here support the proposed project by raising our hands and hence, it should be started and requested to the present people who were agreeing for the project shall raise their hands in support of the proposed project.
7.	Shri. Husan Mushrif MLA of Kaqal taluka Dist: Kolhaour	He said that "In this area there are fewer monsoons from last two to three years and hence there is a scarcity of water. I have been working as MLA of this taluka from Last 20 years. Since, construction of chikotra dam it was filled to its capacity only twice. We have taken hard efforts. Water is taken for workers and sugarcane labors only at 10 HP whenever water is supplied as per schedule. Even though the factory is running, people surprise how the factory running without water. He requested the technical consultant for reply on the technical questions raised by the public.
8.	Shri. Dilip Khedkar, Member, has requested to the project proponent to answer the questions raised by the public related to environmental issues with respect to the this proposed project.	
ANSWERS		
9.	Shri. Deepak Desai replied that he is giving explanations of points raised by Shri. Taware. He further informed that all the information related to all the points is already incorporated in the Environmental Impact assessment report (EIA) in simple language. The molasses generated by crushing sugarcane of 8000 MT will be utilized by the factory itself. The ash generated after burning of spent wash will be used as manure. It will not disperse in the air. This ash is sold at Rs.5 to 10 per kg. It is a matter of regret that India imports potash at Rs. 28000 per ton and we sale it for Rs. 4 per ton Out spent wash contains potash and we give it to the farmers rarely free of cost.	

	<p>We are taking water from river Chikotra as per permission of the government and the schedule of water is compiled by us. We have guarantee of molasses supply. We have zero spent generation should be noted that the information related all the points are already incorporated in our report.</p>	
10.	<p>Shri. Madhubabu Environment Volunteer NGO Rural Environmental Education and Health Awareness Society and Shri. Madhubabuhave mentioned that the project is satisfactory and he is in favor of the proposed expansion.</p>	<p>He mentioned that the project is satisfactory and he is in favor of proposed expansion and appreciated the EIA report contents.</p>
11.	<p>Sarpanch Belewadi Kamma Grampanchayat, Tal. Kagal Dist. Kolhapur. He supported the project. He just mentioned that effluent from the factory should not be discharged in the Chikotra river.</p>	<p>Already factory is running on ZLD basis and for proposed expansion it will be running on ZLD scheme only. No any effluent will be discharge out of the factory.</p>