

**Minutes of the Meeting (MoM) of the Union Territory Expert Appraisal Committee (UTEAC) held on 1<sup>st</sup> September, 2022.**

A meeting of the Union Territory Expert Appraisal Committee (UTEAC) of Dadra & Nagar Haveli and Daman & Diu was convened under the Chairmanship of Dr. V. P. Upadhyay via video conferencing at 11:00 AM on 1<sup>st</sup> September, 2022 to discuss the projects proposals received for grant of Environmental Clearance.

The following members joined the online meeting:

- 1) Dr. V. P. Upadhyay, Rtd. Scientist (Advisor), MoEF&CC (Chairman, UTEAC)
- 2) Shri Arvind Vispute, Rtd. Chief Conservator of Forests (Member, UTEAC)
- 3) Shri Joju P. Alappatt, IFS, Dy. Conservator of Forests, Daman & Diu, (MS, UTEAC)

The Member Secretary, UTEAC welcomed the Chairperson and Members of the Expert Appraisal Committee. The following proposals were considered during the meeting

Sr. No.	File No.	Project Proponent	Status
1.	UTEIAA/DNH-DD/2022/19	Orchid Towers BY M/s. Surendrasinh Parmar	Screening & Appraisal

**Proposal** : Proposed Residential/ Commercial Project  
**Address** : Sr No 189/1/1/1, 189/1/1/3, 292/2, Naroli Road, Silvassa, U.T. of Dadra and Nagar Haveli.-396230  
**Land Area** : 21008.00 Sqm  
**Cost of the Project** : Rs. 50.27 Crore  
**Scope of Work**

Plot Area (Sq. Mt.)	21008.00 Sqm
Ground coverage (Sq. Mt.)	3437.02(16.36 %)
Permissible Floor Area (Sq. Mt.), FSI	Not provided
Proposed Floor Area (Sq. Mt.) FSI	Not provided
Built up area (Sq. Mt.)	31055.64 Sqm
No. of Floors	4 Buildings and 5 Bungalows
Maximum Height (m)	30.00
No. of Blocks	4 Buildings All G+9, 4 BungalowsG+2 and 1 BungalowG+1
Number of units	Flats- 105, Shops – 64 and 5 Bungalows
Parking Area (Sq. Mt.)	5068.0 Sqm (181ECS)
Common Area (Sq. Mt.)	Not provided
Tree Covered Area (Sq. Mt.)	Not provided
Power Requirement (KW)	500

### Water and Waste Water Details

#### ➤ During Construction Phase

- Total water requirement (KL/day): 3.0
- Source of water: Local Tanker Supply
- Waste water generation quantity (KL/day): 2.4
- Mode of disposal: Soak Pit.

#### ➤ During Operation Phase

- Total water requirement (KL/day): 110.5 (Fresh 48 & Treated 62.5)
- Fresh water requirement (KL/day): 48
- Source of water: Silvassa Municipal Corporation and Recycled from STP
- Waste water generation quantity (KL/day): 64.4
- Mode of disposal: Sewage to be generated will be treated in the proposed onsite STP. Treated sewage will be reused for gardening and flushing purpose within premises and remaining quantity will be distributed to other construction sites via / with help of SMC.
- In case of STP provision, capacity of STP: Yes 80 KLD
- STP Technology: MBBR Technology
- Purposes for treated water utilization: Gardening and Flushing
- Quantity of treated water to be reused: 1) Gardening (KL/day): 30  
2) Flushing (KL/day): 32.5
- Provision of dual plumbing system (Yes/No): Yes
- Quantity and type (treated/untreated) of sewage to be discharged: Sewage to be generated will be treated in the proposed onsite STP. Treated sewage will be reused for gardening and flushing purpose within premises and remaining quantity will be distributed to other construction sites via / with help of SMC.
- Power Requirement: 500 KW from Dadra Nagar Haveli Power Distribution Corporation Ltd (DNH PDCL) and 1 no. of D.G. Set – 125 kVA capacity (Fuel & its quantity: HSD (25 lits/hr)).

### Solid / Hazardous Waste Management and Disposal:

#### a) During Construction Phase

Sr. No.	Description	Quantity (kg/day)
1	100 workers x 200gm/person/day = 20 kg/day	20

- During construction phase collection of wet and dry waste will be done in different buckets/Dustin bins.

- Generated solid waste will be send to nearest collection point of local authority.

b) During Operation Phase

Sr. No.	Description	Quantity (kg/day)
1	Domestic 105 Flats (3BHK) x 5 person/unit x 500 gm/person/day = 262.5 kg/day & 5 Bungalows (6BHK) x 6 person/unit x 500 gm/person/day = 15 kg/day & 64 Shops x 3 person/unit x 200gm/person/day = 38.4 kg/day	315.90

- Initially collection of wet and dry waste will be done in different buckets by each unit (i.e. flats & shops)
- Basic sorting for dry waste will be done within premises by cleaning staff of society.
- Out of which Reusable waste will be sold off to local vendors (as per Municipal Solid Waste (Management and Handling) Rule, 2016)
- From the remaining municipal solid waste, organic waste will be treated in organic waste to compost machine which will be installed onsite during operation phase. On an average organic waste generated is around 20% of total solid waste generated.
- Compost generated after treatment of organic waste will be used with premises for green belt & individual units having indoor/decorative plants in balcony or common lobbies and excess if any will be sold off in nearby region to support operation and maintenance cost of Organic waste to compost machine.
- Installation location of Organic waste to compost machine will be done on ground floor of proposed project site in such way that it do not disturbs routine work. It will occupy space around 4m x 3m Sqm
- After, following strictly following above procedure if any non-reusable or non-organic waste which cannot be reused or used in organic waste to compost machine will be send to local authority door to door collection system.
- As proponent we will try reduce solid waste burden on local authority upto maximum level
- There won't be any storage of solid waste within premises.

**Observations / Discussions: -**

The committee had earlier considered the project proposal in its meeting held on 25.07.2022 and asked the project proponent to re-submit the application clearly mentioning the reasons for rejection of previous application with the project in the name 'M/s. Jas Exotica' and the new project at the same site with the name 'M/s. Orchid Towers'. They were asked to revise the project proposal by incorporating additional information/details and submit the same for further consideration by the committee. Accordingly, the project proponent submitted the revised proposal along with additional details/information.

The committee after detailed discussion unanimously decided to recommend the project proposal for grant of Environmental Clearance with the following conditions in addition to the specific and general conditions as applicable:

- 1) The project proponent shall minimise the cutting of existing mango trees with advice from Forest department. Only minimum number of trees that are essential to be removed for the project to be cut.
- 2) For greenbelt development, saplings of local and native tree species to be planted along with species of native understorey and shrubspecies. The species should be selected after consultation with local community and forestry expert or authority to ensure that the selected species for planting are suitable to the project site and needed for the ecosystem of the area.
- 3) There shall be no discharge of treated STP water from the project. Treated water shall be completely reused/ recycled and shall be used by the project or other stakeholders. Necessary treated water storage reservoir may be constructed for this purpose.
- 4) The project proponent may plan some community development programmes for the benefit of local communities under corporate environmental responsibility which may include plantations in community lands, schools etc.

Sr. No.	File No.	Project Proponent	Status
2.	UTEIAA/DNH-DD/2022/17	M/s. Unify Texturisers Pvt. Ltd	Screening & Appraisal

**Proposal** : Proposed Expansion Project for manufacturing of POY through continuous polymerisation

**Address** : Survey No.139 & 140, Madhuban Dam Road, Village. Karad-396230, Silvassa,

**Land Area** : 83300 Sq. Mt.

**Cost of the Project** : INR 313.37 Cr.

**Project Highlights**

Sr. No.	Particulars	Details
1	Total Plot Area	83300 Sq. Mt.
2	Greenbelt Area	27584.82 Sq. Mt. (33%)
3	Product with Production capacity	<p><b>Existing:</b>                      POY @100 MT/Day (from PET granules)                      Texturized yarn @ 200 MT/Day (from POY)</p> <p><b>Proposed:</b>                      POY @200 MT/Day (from PET granules)                      POY @800 MT/Day (by Continuous Polymerization)</p>
4	Raw Materials	<p>Polyester Oriented Yarn (POY) [From Polyester chips/ granules as raw materials]</p> <p>Polyester Oriented Yarn (POY)/ Polyester (PET) Granules [By Continuous Polymerization using PTA and MEG as raw material]</p>
5	Cost of Project	Proposed project cost: 313.37 Crores (Total after proposed expansion: 350.71 Crores)
6	Capital and Recurring cost earmarked for environmental protection measures	Capital cost for EMP: Rs. 13.37.20 Crores (After expansion) and Recurring cost for EMP with CER: Rs. 81.39 Lacs /Annum.
7	Total fresh water requirement and its sources	275 KLD (After proposed expansion) Source: Surface water (Damanganga river) @ 250 KLD and from Bore well within premises @ 25 KLD.
8	Total power requirement and its source	Existing: 13000 KVA Proposed: 5000 KVA Source: DNH PDCL
9	D.G. Set (Standby power source)	Existing: 1000 KVA (2 Nos. of 500 KVA) Proposed: 5000 KVA (2 Nos. of 2000 KVA and 1 no. of 1000 KVA) with acoustic enclosure.
	Fuel requirement	Diesel-1120 L/hr (Existing- 120 Lit/Hr, Proposed- 1000 Lit/Hr)
10	Steam Boiler	Existing: NA Proposed: 3 Tons/Hr- 1 No
	Fuel Requirement	Natural Gas- 190 SCM/Hr
11	Thermic Fluid Heater	Existing: NA Proposed: 12.00 MKCal/Hr., 4 Nos.
	Fuel Requirement	Existing: NA

		Proposed: Natural Gas: 1300.00 SCM/Hr each
12	Utility emissions	Utility: PM< 150 mg/Nm <sup>3</sup> , SO <sub>2</sub> < 100 ppm, NOx< 50 ppm
13	Man Power	Total- 414 Nos. (In POY plant - 177 NOS.)
14	Air pollution control measures	Adequate Stack to D.G. set as per guidelines of CPCB.
15	Wastewater generation	Domestic: 29 KLD (After Proposed Expansion) Industrial: 317 KLD (After Proposed Expansion)
16	Resource recovery Reuse/ Recycling	<ul style="list-style-type: none"> <li>• 28 KLD treated water from modular STP will be reused for plantation of greenbelt within premises.</li> <li>• 54 KLD treated water from ETP will be reused for plantation of greenbelt within premises.</li> <li>• 213 KLD treated water from ETP will be reused in cooling tower after softening.</li> <li>• 41 KLD RO permeate will be reused in cooling tower.</li> <li>• 7 KLD MEE condensate will be reused in boiler.</li> <li>• 380 Ton/Day MEG will be recovered and reused in process</li> </ul>
17	Wastewater management	<ul style="list-style-type: none"> <li>• Domestic wastewater will be treated in STP and disinfected sewage to be reused for gardening.</li> <li>• Industrial effluent generation @150 KLD from process and @118 KLD from washing &amp; burnout will be sent to in-house ETP for treatment; and treated water @54 KLD will be reused in plantation and @213 KLD will be sent to softener.</li> <li>• Blow down from cooling and boiler &amp; softener regeneration @49KLD will be treated in RO plant; and RO permeate @41 KLD will be reused in cooling.</li> <li>• RO reject @ 8 KLD will be sent to MEE. Condensate water @7 KLD will be reused in boiler.</li> </ul>
18	Solid/ Hazardous wastes	<ul style="list-style-type: none"> <li>• ETP&amp;MEE Waste (35.3): 98.50 MT/Annum</li> <li>• Used Oil (5.1): 0.30 Liter/Annum</li> <li>• Empty jumbo bags &amp; liners (33.1): 0.30 MT/Annum</li> </ul>

		<ul style="list-style-type: none"> <li>• Empty drums &amp; container (33.1): 1800Nos./Annum</li> <li>• Cotton waste/Cotton Rags (33.2): 0.80 MT/Annum</li> <li>• Yarn waste: 6.34 MT/Annum</li> <li>• Spinning Waste: 12.05 MT/Annum</li> <li>• PTA Sweeping waste: 0.04 MT/Annum</li> <li>• Polymer Waste: 1.21 MT/Annum</li> </ul>
19	Status of the project	<ul style="list-style-type: none"> <li>• Existing unit is under operation with required legal permissions.</li> <li>• Proposed project activities will start after obtaining of necessary statutory clearances &amp; permissions.</li> </ul>

**Observations / Discussions: -**

The committee had earlier considered the project proposal in its meeting held on 23.06.2022 and asked the project proponent to revise the project proposal by incorporating additional information/details and submit the same for further consideration by the committee. Accordingly, the project proponent submitted the revised proposal along with additional details/information.

The committee after detailed discussion unanimously decided to recommend the project proposal for grant of TOR with the following conditions in addition to the specific and general conditions as applicable:

- 1) Public hearing shall be conducted as applicable.
- 2) The project informed that the site fall beyond eco sensitive zone of the sanctuary and forest department has been approached to issue revised letter which may be submitted to SEIAA. Copy of eco-sensitive zone notification issued for the wildlife sanctuary shall be submitted and the same to be included in EIA report.

Sr. No.	File No.	Project Proponent	Status
3.	UTEIAA/DNH-DD/2022/20	M/s. Wellknown Polyester Limited	Screening & Appraisal

**Proposal** : Proposed expansion project for manufacturing of manmade fibre (PSF) from polyester chips

**Address** : Survey No. 178, 185/2, 216/1, 216/2, 216/3, 216/4, 216/5, 210/3, 213/1, 213/2, 213/3, 213/4, 214/1, 214/2, 215, 216/6, 216/7, 219, 223/1, 223/2, 223/4, 223/5, 225/2, 225/5, Dabhel Industrial Co. Op. Soc., Dabhel, Daman (U. T, Daman, Daman and Diu-396210

**Land Area** : 274862 Sq. Mt

**Cost of the Project** : INR 410 Cr.

**Project Highlights**

Sr. No.	Particulars	Details																												
1	Total Plot Area	Existing WPL Complex: 214651 Sq. Mt Proposed: 60211 Sq. Mt Total: 274862 Sq. Mt																												
2	Greenbelt Area	93000 Sq. Mt. (33%)																												
3	Product with Production capacity																													
<table border="1"> <thead> <tr> <th rowspan="2">S. No.</th> <th rowspan="2">Product</th> <th colspan="3">Production Capacity (KTA)</th> </tr> <tr> <th>Existing</th> <th>Proposed</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Partially Oriented Yarn (POY)/ Fully drawn Yarn (FDY)<sup>#</sup></td> <td>328.5</td> <td>584.0</td> <td>912.5</td> </tr> <tr> <td>2.</td> <td>Polyester Staple Fiber.(PSF)<sup>#</sup></td> <td>--</td> <td>547.5</td> <td>547.5</td> </tr> <tr> <td>3.</td> <td>Polyester Staple Fiber (PSF) from Polyester Chips*</td> <td>--</td> <td>160.0</td> <td>160.0</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>Total</b></td> <td><b>328.5</b></td> <td><b>1291.5</b></td> <td><b>1620.0</b></td> </tr> </tbody> </table> <p><i>Note:</i>                      1. <sup>#</sup>POY, FDY &amp; PSF manufactured through continuous polymerization process using raw materials such as PTA + MEG.                      2. *EC had obtained for Polyester Staple Fiber (PSF) from Polyester Chips vide F. No.: CF/DMN/13/2018-19/58 dated 3<sup>rd</sup> Jan 2020.</p>			S. No.	Product	Production Capacity (KTA)			Existing	Proposed	Total	1.	Partially Oriented Yarn (POY)/ Fully drawn Yarn (FDY) <sup>#</sup>	328.5	584.0	912.5	2.	Polyester Staple Fiber.(PSF) <sup>#</sup>	--	547.5	547.5	3.	Polyester Staple Fiber (PSF) from Polyester Chips*	--	160.0	160.0	<b>Total</b>		<b>328.5</b>	<b>1291.5</b>	<b>1620.0</b>
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<b>Total</b>		<b>328.5</b>	<b>1291.5</b>	<b>1620.0</b>																										
4	Raw Materials	<ul style="list-style-type: none"> <li>• Purified Terephthalic Acid - 0.858T/T</li> <li>• Mono Ethylene glycol - 0.325 T/T</li> <li>• Titanium Dioxide - 0.00272 T/T</li> <li>• Catalyst - 0.0003 T/T</li> <li>• Modifier - 0.00015 T/T</li> </ul>																												
5	Cost of Project	Rs. 410 Crores																												
6	Capital and Recurring cost earmarked for environmental protection measures	The CapEx for implementation of Environmental Management Systems will be Rs. 46.70 crores and OpEx for environment protection & continual improvement will be Rs. 38.46 crores/ annum.																												
7	Total power requirement and its source	Existing: 15.95 MW Proposed: 57.7 MW Total: 73.65 MW																												
8	Total fresh water requirement and its sources	<b>Existing: 379 KLD</b> (Fresh – 110.5 + Recycle – 268.5) <ul style="list-style-type: none"> <li>• Domestic: 14 KLD</li> <li>• Industrial: 328 KLD</li> <li>• Gardening: 37 KLD</li> </ul> <b>Proposed: 14096 KLD</b> (Fresh – 9494.5 + Recycle – 4601.5) <ul style="list-style-type: none"> <li>• Domestic: 46 KLD</li> <li>• Industrial: 13767 KLD</li> <li>• Gardening: 283 KLD</li> </ul> <b>Total: 14475 KLD</b> (Fresh – 9605 + Recycle – 4870) <ul style="list-style-type: none"> <li>• Domestic: 60 KLD</li> <li>• Industrial: 14095 KLD</li> <li>• Gardening: 320 KLD</li> </ul>																												
9	Wastewater generation	<b>Existing: 268.5 KLD</b>																												



		<ul style="list-style-type: none"> <li>• Domestic: 11.5 KLD</li> <li>• Industrial: 257 KLD</li> <li><b>Proposed: 4772.5 KLD</b></li> <li>• Domestic: 38.5 KLD</li> <li>• Industrial: 4734 KLD</li> <li><b>Total: 4915 KLD</b></li> <li>• Domestic: 50 KLD</li> <li>Industrial: 4865 KLD</li> </ul>
10	Wastewater management	<ul style="list-style-type: none"> <li>• The total wastewater generated from the existing operations is 268.5 KLD (Domestic: 11.5 KLD &amp; Industrial: 257 KLD). The streams like process washing, effluent from CP, softener regeneration along with septic tank overflow @189.5 KLD are treated in in-house ETP and recycled for cooling tower makeup. Remaining 79 KLD cooling tower blowdown is recycled (i.e. 50 KLD is recycled for cooling tower makeup &amp; 29 KLD is recycled for greenbelt development).</li> <li>• After proposed expansion projects, the total wastewater generation will be 4915 KLD. The streams like process washing, effluent from CP, effluent from PSF along with septic tank overflow @2240 KLD will be treated in in-house ETP. Treated water @50 KLD will be used for greenbelt development.</li> <li>• The utility streams like softener regeneration, DM plant regeneration, Boiler blowdown &amp; cooling tower blowdown along with remaining ETP treated effluent @4865 KLD will be diverted to RO system. Reject from RO @243 KLD will be sent to MEE for evaporation. Permeate from RO along with MEE condensate @4820 KLD will be recycled for industrial uses.</li> </ul>
11	Utility Requirements	<p><b>Existing:</b></p> <ul style="list-style-type: none"> <li>• TFH - 2 Nos. (Capacity: 10 Million KCal/hr each)</li> <li>• D.G. Set: 12 Nos. (Capacity: 625 kVA each)- as Standby power source.</li> </ul> <p><b>Proposed Additional for CP:</b></p> <ul style="list-style-type: none"> <li>• FO/ NG fired TFH - 6 Nos. (Capacity: 10 Million KCal/hr each) (Working – 5 + standby-1) <b>OR</b> Biomass Briquette fired TFH - 3 Nos. (Capacity: 25 Million KCal/hr each) (Working – 2 + standby-1)</li> <li>• FO/ NG fired Steam Boiler: 4 Nos. (Capacity: 20 TPH) (Working – 3 + standby-1) <b>OR</b> Biomass Briquette fired Steam Boiler: 3 Nos. (Capacity: 30 TPH) (Working – 2 + standby-1)</li> <li>• D.G. Set: 30 Nos. (Capacity: 625 kVA each)- as Standby power source.</li> </ul> <p><b>Proposed Additional for PSF from Polyester Chips:</b></p> <ul style="list-style-type: none"> <li>• FO/ NG fired Steam Boiler: 3 Nos. (Capacity: 10 TPH) (Working – 2 + standby-1)</li> <li>• D.G. Set: 15 Nos. (Capacity: 625 kVA each)- as Standby power source.</li> </ul>

12	Fuel Requirement	<p><b>Existing:</b></p> <ul style="list-style-type: none"> <li>• FO – 25 KLD <u>OR</u></li> <li>• Natural Gas – 29760 scm/day</li> <li>• LDO – 100 L/hr</li> </ul> <p><b>Proposed:</b></p> <ul style="list-style-type: none"> <li>• FO – 200 KLD <u>OR</u></li> <li>• Natural Gas – 232080 scm/day <u>OR</u></li> <li>• Biomass Briquette – 450 TPD</li> <li>• LDO – NIL</li> </ul> <p><b>Total:</b></p> <ul style="list-style-type: none"> <li>• FO – 225 KLD <u>OR</u></li> <li>• Natural Gas – 261840 scm/day <u>OR</u></li> <li>• Biomass Briquette – 450 TPD</li> <li>• LDO – 100 L/hr</li> </ul>
13	Air pollution control measures	<ul style="list-style-type: none"> <li>• Off gases generated as process emission are to be burnt in Thermic fluid heater.</li> <li>• In existing operations FO &amp; LDO are used as fuel.</li> <li>• For the proposed expansion project, it is proposed to use either of NG/ FO/ Biomass Briquette as fuel options in TFH and Boilers..</li> <li>• The D.G. Sets act as standby unit and are utilized only in case of power failure.</li> <li>• Multi-cyclone with Bag filter will be used as APCM in Biomass Briquette fired TFH &amp; ESP to Biomass Briquette fired boilers to control PM emission.</li> <li>• Adequate chimney height is/ will be provided.</li> <li>• Good housekeeping to be maintained in the plant.</li> </ul>
14	Man Power	<p><b>Existing:</b> 250 Nos.  <b>Proposed:</b> 626 Nos.  <b>Total:</b> 876 Nos.</p>
15	Hazardous wastes	<ul style="list-style-type: none"> <li>• ETP waste - 122 T/Month,</li> <li>• MEE Salt – 360 T/Month</li> <li>• Used Oil- 625 L/Month,</li> <li>• Empty bags- 97250 Nos./Month,</li> <li>• Empty PP Liner- 61500 Nos./Month,</li> <li>• Empty drums- 1050 Nos./Month,</li> <li>• Polymer waste- 48.2 T/Month</li> <li>• Fly Ash – 955 T/Month</li> </ul>
16	Hazardous waste management	<ul style="list-style-type: none"> <li>• The Hazardous wastes are handled, stored &amp; transported as per CPCB/ MoEF&amp;CC Guidelines</li> <li>• ETP sludge is/ will be disposed to GEPIL, Silvassa or to be sent for Co-processing to Cement Industry.</li> <li>• MEE salt will be disposed to GEPIL, Silvassa.</li> <li>• Empty bags/ PP liners is/ will be sold to authorized scrap vendor.</li> <li>• Empty drums is/ will be sold to authorized reconditioners</li> <li>• Used oil is/ will be sold to registered recyclers/ reprocessors.</li> <li>• Polymer waste is/ will be sold to actual users.</li> </ul>

		<ul style="list-style-type: none"> <li>• Fly ash will be sold to brick manufacturers/ neighbouring farmers to use as manure.</li> </ul>
17	<p><b>Noise Expected levels</b> Inside the plant: &lt;85dB(A)</p>	<ul style="list-style-type: none"> <li>• The noise generation inside plant is expected in a range from 75- 90 dB(A).</li> <li>• In CP plant, DCS based operating system is/ will be provided. Minimum manual operation is/ will be done. Safety PPE like earplugs &amp; ear muffs are/ will be provided to workers.</li> <li>• Also, acoustic enclosure is/ will be provided to D.G. Set. Regular maintenance of equipment is/ will be done to minimize the noise generated by the equipment.</li> </ul>

**Observations / Discussions: -**

The committee had earlier considered the project proposal in its meeting held on 25.07.2022 and asked the project proponent to revise the project proposal by incorporating additional information/details and submit the same for further consideration by the committee. Accordingly, the project proponent submitted the revised proposal along with additional details/information.

As decided by UTEAC in last meeting, two committee members inspected the project site on 30.08.2022 and recommended to plant native and local species of short trees on vacant lands available in the project site as per green belt development. It was also suggested to undertake two row plantation of 5 ft tall saplings at three sides in 2 mt spacing in the 6 ha land adjoining to existing plant of the project. The project accepted the suggestion of the inspection team to appoint technical expert for support in this regard. Further, the project proponent has been directed to obtain construction permission and occupancy certificate from the concerned as per the existing rules. These should be complied in all respects.

The committee after detailed discussion unanimously decided to recommend the project proposal for grant of Environmental Clearance (EC) with the following conditions in addition to the specific and general conditions as applicable:

- 1) The project proponent is not permitted to use freshwater for greenbelt development or plantation or for gardening purpose. Requirement can be met by reusing treated ETP water.
- 2) The project proponent may submit a note to achieve further reduction in water consumption in the project. Calculations in this regard with a proposal may be submitted to SEIAA and implemented within six months of issue of EC .
- 3) The Hazardous wastes, ETP sludge, MEE salt, Empty bags/ PP liners, Empty drums, Used oil and Polymer waste generated by the industry should be subjected to R and D and waste having energy or reuse potential may not be sent to landfill, instead downstream user be identified. A report in this regard may be submitted to UTEIAA with a year of issue of EC.
- 4) Production and use of Fly Ash data may be submitted regularly to UTEIAA. 100% utilization may be ensured.
- 5) Gas based utility system as proposed may be implemented early to further reduce the emission from other fuel based systems. A plan in this regard may be submitted.
- 6) The budgetary provisions in wildlife conservation plan shall be further increased, if needed, after reviewing the progress in implementation of the plan. In this regards,

- consultation with the local forest department/concerned authorities may be made periodically.
- 7) Plantation of native trees to be undertaken on A-1 site (AAQ Station) in the boundary of village. Further, Road passing on Northern side may also be planted in consultation with concerned authorities to further help reducing air pollution.
  - 8) All vehicles entering to the project site to be screened for PUC and facilities for tire washing the vehicles on the gate to be ensured inside the project site.
  - 9) A **wheel washing system** may be adopted for cleaning the tires of trucks when leaving or entering the site, to control and eliminate the pollution. The roller or drive-through systems installation can be made for wheel washing systems.
  - 10) The project to plant species of short trees on vacant lands available in the project site as per green belt development plan. It was also suggested to undertake two row plantation of 5 ft tall saplings at three sides in 2 mt spacing in the 6 ha land adjoining to existing plant of the project.
  - 11) Services of a qualified technical expert may be taken for greenery enhancement in the project.
  - 12) The project proponent to obtain construction permission and occupancy certificate from the concerned as per the existing rules.
  - 13) Periodical report on the Cap Ex (Rs. 46.70 crores) for implementation of Environmental Management Systems and Op Ex (Rs. 38.46 crores/ annum) for environment protection & continual improvement will be submitted to UTEIAA by project. These funds should not be diverted for any other purpose.

The meeting concluded with vote of thanks to the Chair and Members.



Joju P. Alappatt, IFS  
(DCF, Daman & Diu)  
Member Secretary, UTEAC