

GARDEN SILK MILLS LIMITED

DC / GSML / EC 18-19 / 18

November 30, 2018

GPCB ID: 20700

The Director
Ministry of Environment & Forest
Regional Office, Western Region,
Kendriya Paryavaran Bhavan,
Link Road No.: 03,
Ravi Shankar Nagar,
Bhopal - 452 016 (MP)

SUB: COMPLIANCE TO ENVIRONMENT CLEARANCE TO EXPANSION OF PRODUCTION PLANT AND POWER PLANT AT SURAT BY M/s. GARDEN SILK MILLS LTD FOR THE TERM 1st APRIL 2018 TO 30th SEPTEMBER 2018.

REF: 1. MINISTRY'S LETTER NO. J-11011/1048/2007-IA II (I), DATED: 07/04/08 AND AMENDMENTS
2. MINISTRY'S LETTER NO. J-11011/124/2009-IA II (I), DATED: 10/06/09 AND AMENDMENTS
3. MINISTRY'S LETTER NO. J-11011/624/2010-IA II (I), DATED: 10/05/13

Dear Sir,

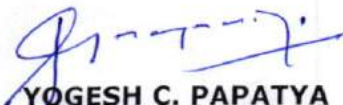
With reference to the Environmental Clearance obtained from MoEF vide letter dated: 07/04/2008, 10/06/2009 and 10/05/2013 we are hereby enclosing the six monthly Compliance Report (1st April 2018 to 30th September 2018) of Environmental Clearance issued to us.

I hope that you will find it in order and do the needful.

Thanking You.

Yours Faithfully,

For Garden Silk Mills Limited
C.P. Division Jolwa - GPCB ID : 20700


YOGESH C. Papatya
(EXECUTIVE)

Copy to: The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan,
Sector: 10 - A
Gandhinagar - 382 043

*Garden**

Registered Office : Tulsi Krupa Arcade, Puna-Kumbharia Road, Dumbhal, Surat - 395 010. Phone : (0261) 2311197-98, 2311513/615 Fax : (0261) 2311029/502

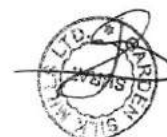
Mumbai Office: Manek Mahal, 90 Veer Nariman Road, Mumbai - 400 020. Phone : (022) 22873117-19, 22046473, 22040895 Fax : (022) 22048112

CIN : L17111GJ1979PLC003463 | Website : www.gardenvareli.com

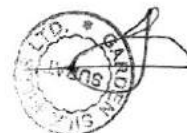
COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:
J-11011/1048/2007-IA II (I), DATED: 07/04/2008

1st APRIL 2018- 30th SEPTEMBER 2018

S. NO.	CONDITIONS	REMARKS																																				
1	<p>The Ministry of Environment and Forests has examined the proposal and noted that the proposal is for environmental clearance for expansion of Polyester Chips and Polyester Filament Yarn Production Plant at Village Jolwa, Palsana Taluka, Surat, Gujarat by M/s. Garden Silk Mills Ltd. The cost of the project is Rs. 365 Crores. The unit has green belt in 8,000 m² and has proposed additional green belt in 4,500 m². The unit will install a natural gas based Captive Power Plant of 8.4 MW. In case of non availability of the gas, furnace oil may be used as fuel. The details of existing and proposed products and their capacities are as given below:</p> <table border="1"> <thead> <tr> <th rowspan="2">S. No.</th> <th rowspan="2">Name of products</th> <th colspan="3">Production capacity (MTA)</th> </tr> <tr> <th>Existing</th> <th>Proposed</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Polyester Chips</td> <td>1,55,000</td> <td>2,37,600</td> <td>3,92,600</td> </tr> <tr> <td rowspan="3">2.</td> <td>Polyester Filament Yarn</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Partially Oriented Yarn</td> <td>61,000</td> <td>29,600</td> <td>90,600</td> </tr> <tr> <td>Fully Drawn Yarn</td> <td>--</td> <td>19,900</td> <td>19,900</td> </tr> <tr> <td>3.</td> <td>By-Products-Degraded Polymer (Oligomer)</td> <td>12</td> <td>15</td> <td>27</td> </tr> <tr> <td>4.</td> <td>Captive Power Plant (MW)</td> <td>6.74</td> <td>8.4</td> <td>15.14</td> </tr> </tbody> </table>	S. No.	Name of products	Production capacity (MTA)			Existing	Proposed	Total	1.	Polyester Chips	1,55,000	2,37,600	3,92,600	2.	Polyester Filament Yarn				Partially Oriented Yarn	61,000	29,600	90,600	Fully Drawn Yarn	--	19,900	19,900	3.	By-Products-Degraded Polymer (Oligomer)	12	15	27	4.	Captive Power Plant (MW)	6.74	8.4	15.14	<p>We have obtained consolidated consent order no CCA-SRT-863(7)/ID_20700/360995, dated 28/06/2016, valid up to 31/12/2020.</p> <p>CC&A amendment for the Coal based Power Plant (18 MW) vide GPCB letter no.: GPCB/CCA-SRT-863(/) ID_20700/102858, dated 25th January 2012.</p> <p>CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/120135 dated 1st Aug 2012.</p> <p>CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated 3rd May 2014.</p> <p>Annexure - I - Copy of last valid consent. Annexure II. - Production details are as</p>
S. No.	Name of products			Production capacity (MTA)																																		
		Existing	Proposed	Total																																		
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3	The total water requirement after expansion will be 7,083 KLD and will be sourced from own bore well. Total waste water generation will be 2,849 KLD which shall be treated and discharged into the Kadodara Khadi through own 1 km pipe line. The unit has two ETP's and proposes to install one new ETP.	The water requirement & waste water generation is within permissible limits. Treated effluent is discharged into the Kadodara Khadi through a closed RCC pipeline of 1.7 km.																																				
4	The project activity is listed at S. N. 5 (d & c) under category 'A' and was considered and appraised at center level as para 7(ii) of EIA Notification 2006.	--																																				
5	The Ministry of Environment and Forest hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14 th September, 2006 subject to compliance of the following specific and general conditions.	--																																				
A.	SPECIFIC CONDITIONS																																					
i)	The company shall install full-fledged ETP to comply with the GPCB norm for discharge of effluent into sea and all necessary clearances shall be obtained.	In our premises full-fledged ETP was installed to bring GPCB prescribed norms. Analysis report are enclosed as Refer																																				



		Annexure III
ii)	The company shall construct a guard pond for treated effluent and shall carry out the bioassay test by collecting the treated effluent into the guard pond before discharging into Khadi. The reports shall be submitted to CPCB and Ministry's Regional Office at Bhopal.	Refer Annexure III
iii)	The water consumption shall not exceed 7,083 KLD and waste water generation shall not exceed 2,849 KLD. The company shall install the waste water monitoring facility and records shall be maintained.	The water requirement & waste water generation is within permissible limits. Consumption and generation are enclosed in Annexure IV.
iv)	The company shall obtain for drawl of ground water from the Central Ground Water Authority/Central Ground Water Board and copy shall be submitted to the Ministry's Regional Office.	We use water from existing bore wells as well as from canal. Permission obtained from CGWA and irrigation department for industrial use is attached as Annexure V
v)	The company shall run the power plant only with gas as a fuel and only in case of non-availability of natural gas furnace oil shall be used only such period when natural gas is not available. During use of furnace oil as fuel the company shall ensure the emission of SO ₂ as per the norms prescribed by the SPCB and height of the stacks shall be as per CPCB norms of SO ₂ emission.	Stack Monitoring results are attached as Annexure VI
vi)	The company shall provide the monitoring arrangement with the stack and regular monitoring shall be carried out and reports submitted to the SPCB, CPCB and Ministry's Regional Office at Bhopal.	Monitoring arrangement is provided with. Monitoring results are attached as Annexure VI
vii)	The project authority shall obtain the membership of TSDF within three months for disposal of solid and hazardous waste and copy of the same shall be submitted to the Ministry and Ministry's Regional Office at Bhopal. The company shall maintain valid member ship.	Membership certificate of TSDF of M/s. BEIL are obtained already. Annexure IX.
viii)	The company shall develop 12,500 sq. m. out of the total area as green belt as per the CPCB guidelines to mitigate the effect of fugitive emissions.	Required plantation has been completed in around 28000 sq. m. of area within our premises. We are maintaining the plantation.
ix)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular occupational health surveillance are carried out for worker and records are maintained as per Act and certificate from CIH is attached as Annexure XIV
x)	The company shall make arrangement for protection of possible fire hazards during manufacturing process in material handling.	Proper arrangements for fire hazards during manufacturing process and material handling have been provided. Also have updated On-site emergency plan.
B.	GENERAL CONDITIONS	



i	The project authorities shall strictly adhere to the stipulations of the SPCB/state government or any statutory body.	We adhere to the stipulations by the GPCB and other relevant statutory body.
ii	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal form those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of condition imposed and to add additional environmental protection measures required, if any.	No further expansion or modifications in the plant will be carried out without prior approval of the Ministry of Environment and Forests
iii	The project authorities shall strictly comply with the rules and regulation under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended Authorization from the SPCB shall be obtained for collection, treatment, storage and disposal of hazardous wastes.	We will comply with the rules and regulation under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended. Waste is send to GPCB authorized vendor. Six monthly solid waste generation details enclosed in Annexure VIII
iv	Ambient air quality monitoring stations be set up in the downwind direction as well as where maximum ground level concentration are anticipated in consultation with the State Pollution Control Board.	Monitoring results are attached as Annexure X
v	For control process emissions stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided.	Adequate stack height has been provided. Stack analysis results are enclosed in Annexure VI
vi	The company shall undertake following Waste Minimization measures;- <ul style="list-style-type: none"> • Meeting of quantities of active ingredients to minimize waste. • Re-use of by-products from the process as raw materials or as raw material substitutes in other processes. • Maximizing recoveries • Use of automated material transfer system to minimize spillage. • Use of "Closed Feed" system into batch reactors. 	Maximum time packing materials are recovered. Waste MEG from polymerization is recycled back in process PTA powder during unpacking are used back. Polyester melt & polyester chips are pneumatically conveyed. Additionally 3 rd chipper is installed at CP-1/2 to minimize polymer waste
vii	The project authorized must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 2003. Authorization form the SPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.	We have already obtained authorization enclosed as Annexure IX
viii	The overall Noise levels in and around the plant area, shall be kept well within the standards (85 dBA) 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 Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time)	Monitoring report are enclosed as Annexure XI



ix.	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental management and monitoring functions.	Separate Environment Management Cell is already present. Refer Annexure XIII
x.	Financial provisions should be made in the budget of the project for implementation of the above suggested environmental safeguards. Fund so earmarked shall not be diverted for any other purposes.	Already submitted expenditure on Environment Protection Measures.
xi.	The project authorities shall provide rainwater harvesting system and ground water recharge.	Two recharge wells are provided for rainwater harvesting system and ground water recharge.
xii.	The implementation of the project vis-a-vis environmental action plans shall be monitored by Ministry's Regional Office / SPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies.	Regular compliance status are sent to concern authorities.
xiii.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry at http://envfor.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 Ministry's Regional Office.	Complied. Already advertisement has been given in local newspaper.
xiv.	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.	Complied. Details already submitted
6.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed.
7.	The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner shall implement these conditions.	The conditions are complied and accordingly report is submitted.
8.	Any appeal against this environmental clearance shall lie with the National Environmental Appellate Authority, if preferred within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997.	Point is noted.
9	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection), 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Point is noted.



**COMPLIANCE OF ENVIRONMENTAL CLEARANCE CORRIGENDUM MINISTRY'S
LETTER NO.: F. No. J-11011/1048/2007-IA-II (I), DATED: April 25, 2008**

1st APRIL 2018- 30th SEPTEMBER 2018

S. NO.	CONDITIONS	REMARKS																																				
1	<p>This is in continuation of this Ministry's earlier letter of even No. dated 7th April, 2008. The matter was re-examined with respect to capacity of existing captive power plants for which representation made by you to the Ministry. In view of representation the details of existing and proposed product/facilities mentioned in para 2 of environmental clearance shall be replaced as follows:</p> <table border="1"> <thead> <tr> <th rowspan="2">S. No.</th> <th rowspan="2">Name of Products</th> <th colspan="3">Production Capacity (MTA)</th> </tr> <tr> <th>Existing</th> <th>Proposed</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Polyester Chips</td> <td>1,55,000</td> <td>2,37,600</td> <td>3,92,600</td> </tr> <tr> <td rowspan="3">2</td> <td>Polyester Filament Yarn</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Partially Oriented Yarn</td> <td>61,000</td> <td>29,600</td> <td>90,600</td> </tr> <tr> <td>Fully Drawn Yarn</td> <td>-</td> <td>19,900</td> <td>19,900</td> </tr> <tr> <td>3</td> <td>By-Products-Degraded Polymer (Oligomer)</td> <td>12</td> <td>15</td> <td>27</td> </tr> <tr> <td>4</td> <td>Captive Power Plant (MW)</td> <td>6.74</td> <td>8.4</td> <td>15.14</td> </tr> </tbody> </table>	S. No.	Name of Products	Production Capacity (MTA)			Existing	Proposed	Total	1	Polyester Chips	1,55,000	2,37,600	3,92,600	2	Polyester Filament Yarn				Partially Oriented Yarn	61,000	29,600	90,600	Fully Drawn Yarn	-	19,900	19,900	3	By-Products-Degraded Polymer (Oligomer)	12	15	27	4	Captive Power Plant (MW)	6.74	8.4	15.14	<p>We have obtained consolidated consent order no CCA-SRT-863(7)/ID_20700/360995, dated 28/06/2016, valid up to 31/12/2020.</p> <p>CC&A amendment for the Coal based Power Plant (18 MW) vide GPCB letter no.: GPCB/CCA-SRT-863(5)/ID_20700/102858, dated 25th January 2012.</p> <p>CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/120135 dated 1st Aug 2012.</p> <p>CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated 3rd May 2014.</p> <p>Annexure - I - Copy of last valid consent. Production details are as Annexure II.</p>
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4	Captive Power Plant (MW)	6.74	8.4	15.14																																		
2	All the specific and general conditions stipulated in environmental clearance order dated April 7, 2008 shall remain the same.	--																																				
3	This letter shall be kept attached with the original clearance letter	--																																				



COMPLIANCE OF ENVIRONMENTAL CLEARANCE CORRIGENDUM MINISTRY'S
NO.: F. No. J-11011/1048/2007-IA-II (I), (VIDE DATED: 12/03/09)

1st APRIL 2018- 30th SEPTEMBER 2018

S. NO.	CONDITIONS	REMARKS
	Your letter no.: nil dated: 23 rd September, 2008 requesting for change in fuel in heaters from gas/FO based to coal based heaters and subsequent communication vide your letter dated: 11 th December, 2008.	--
1	The Ministry has examined the request and noted the company is proposing 2 nos. of Coal based heaters in addition to existing gas based heater facility in the proposed expansion project of polyester chips and polyester Filament yarn at village Jolwa, Taluka Palsana in district Surat in Gujarat by M/s. Garden Silk Mills Ltd.	Complied. We have received granted CC&A vide letter no.: GPCB/CCA/SRT - 863 (2)/17154, dated: 07/08/09
2	The matter was discussed in 89 th meeting of the Expert Appraisal Committee (industry) Meeting held during 22 nd and 23 rd December, 2008. The Committee has recommended for no objection subject to that "The company shall install the ESP with the coal fired boiler to keep the emission of particulates within 100 mg/Nm ³ ".	Complied. To keep emission of particulates within limit ESP for coal fired boiler has been installed.
3	The above recommendation of the Expert Appraisal Committee has been accepted as such for installation of 2 nos. of coal based heaters subject to the condition mentioned above and the norms as specified in the environmental clearance letter issued vide No. J-I 101 I/1048/2007-IA-II(I) dated April 7, 2008.	--
4	This has the approval of the Competent Authority.	--



COMPLIANCE OF ENVIRONMENTAL CLEARANCE MINISTRY'S LETTER NO.:
J-11011/124/2009-IA II (I), DATED: 10/06/2009

1st APRIL 2018- 30th SEPTEMBER 2018

S. NO.	CONDITIONS	REMARKS
2.	<p>The Ministry of Environment and Forests has examined your application. It is noted that M/s. Garden Silk Mills Ltd. have proposed for expansion of Polyester Chips and Polyester Filament Yarn manufacturing unit at Village: Jolwa, Tal.: Palsana, Dist.: Surat in Gujarat. Production capacity of Polyester Chips will increase from 3, 92,600 MTPA to 5, 45,600 MTPA fully drawn yarn from 19,900 MTPA to 23,000 MTPA. The Ministry has earlier accorded Environmental Clearance for the existing capacity on 7th April, 2008. The production capacity of polyester oriented yarn will be same as 90,600 MTPA. Capacity of by-products Degraded Polymers (Oligomer) will increase from 27 MTPA to 39 MTPA. The Captive Power generation of existing and proposed plant will be 6.74 MW x 2 Nos., 8.4 MW x 1 No. and 18 MW x 1 No.; 10.5 MW x 1 No. respectively. Out of total proposed polyester chips, 23,000 MTPA will be produced by using the existing manufacturing facilities. Similarly, 3,100 MTPA of fully drawn yarn will be produced by using the existing manufacturing facilities. No eco-sensitive areas are located within 10 km radius of the plant. The proposed expansion will be within the existing unit having land area of 20 acres. Cost of the project is 13,275.00 lacs.</p>	<p>We have obtained consolidated consent order no CCA-SRT-863(7)/ID_20700/360995, dated 28/06/2016, valid up to 31/12/2020.</p> <p>CC&A amendment for the Coal based Power Plant (18 MW) vide GPCB letter no.: GPCB/CCA-SRT-863(5)/ID_20700/102858, dated 25th January 2012.</p> <p>CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/120135 dated 1st Aug 2012.</p> <p>CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated 3rd May 2014.</p> <p>Annexure - I - Copy of last valid consent. Production details are as Annexure II.</p>
3.	<p>It is noted that the water requirement will increase from 7,153 m³/d to 8,828 m³/d which will be sourced from the ground water source. The waste water generation will be 3,523.8 m³/day. The domestic effluent will be disposed through septic tank followed by soak pit. The industrial waste water will be treated in the modified effluent treatment plant. The company has existing effluent treatment plant for primary, secondary involving two stage activated sludge process and tertiary treatment facility. The company will provide additional primary and secondary treatment to the existing treatment facility for treatment of additional effluent. The final treated effluent as per the prescribed norms of GPCB/CPCB will be sent to Kadodara Khadi through own existing pipeline that finally meets the Arabian Sea.</p>	<p>Water is being used from existing bore wells as well as from canal.</p> <p>The final treated effluent is sent to Kadodara Khadi as per prescribed norms of GPCB. Analysis report for raw and treated effluent and ETP sludge is enclosed as Annexure III.</p>
4.	<p>Power requirement will be met through Captive Power Plant. One coal based boiler 90 TPH of capacity, one fuel oil fired thermic fluid heating system of 40 Kcal/capacity and one FO engine has been installed. Fuel for the boiler would be 288-</p>	<p>We have obtained consolidated consent order no CCA-SRT-863(7)/ID_20700/360995, dated 28/06/2016, valid</p>



S. NO.	CONDITIONS	REMARKS
	360 MTPD of imported/Indian coal and 78 TPD of furnace oil for fuel oil engine and heat transfer fluid system (3 heaters). About 0.34 MTPD of lubricant oil will be used as fuel.	up to 31/12/2020. CC&A amendment for the Coal based Power Plant (18 MW) vide GPCB letter no.: GPCB/CCA-SRT-863(5)/ ID_20700/102858, dated 25 th January 2012. CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/120135 dated 1 st Aug 2012. CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated 3 rd May 2014.
5.	To control the particulate emissions from the coal fired boiler, electrostatic precipitators with stack height of 90 meter is proposed. Stack height of 60 meter is proposed for FO engine and stack height of 52 meter for Heat Transfer Fluid (common stack for 3 heaters) for dispersion of gaseous emission. To control the fugitive emission, all process pumps, reactors and treatment vessels would have mechanical seals. To strip off gases, stripper columns and off gas treatment tower will be provided. Fly ash conveyers from ESP hopper to silos would be totally enclosed.	Monitoring copy is enclosed here with as Annexure VI APC system and Adequate stack height has been provided. Monitoring results for fugitive emission (workplace ambient air) are enclosed in Annexure VII
6.	Solid waste generation will be in the form of lubricant oil (1,050 MT/Year existing and 0.5 MT/Year, proposed) and HFO sludge (1.2 MT/Year, proposed) will be sold MoEF authorized reprocessors. Catalyst drum lot or additive drum (220 Nos./Month, existing and 140 Nos./Month, proposed) and PP liner lot (150 kg/month, existing and 4.5 MT/M, proposed) will be sold to GPCB authorized vendors. ETP sludge (10.55 MT/M existing and 2.5 MT/M proposed) will be disposed at M/s. NEPL (Naroda Enviro Projects Ltd.). Polymer waste (5.5 MT/M existing and 40 MT/M, proposed). Chip waste (69 MT/M, existing and 6 MT/M, proposed), sweeping PTA waste lot (12 MT/M, existing and 10 MT/M proposed), FDY-waste (17.5 MT/M, existing) and POY-waste (13.2 MT/M, existing) will be sold to actual end users. The quantity of the polymer waste may be varying due to power failure and break down. Ash (9 MTPD existing and 38-60 MTPD, proposed) will be sold to end-user like RMC (Ready Mix Concrete) plant operators, brick manufacturers, concrete block manufacturers and cement manufacturers etc.	Our total hazardous/solid waste are sent to TSDF of M/s. BEIL, Ankleshwar, Membership certificate enclosed in Annexure IX Discarded containers will be sold to GPCB authorized Vendors. Polymer waste, Chip waste, Sweeping PTA waste lot, FDY-waste and POY-waste will be sold to actual end users. Fly Ash sold to end-user like RMC (Ready Mix Concrete) plant operators & cement manufacturers etc. last six months Solid waste generation Refer Annexure VIII
7.	The Petrochemical based processing units are listed at Serial No. 5(e) of schedule of EIA Notification, 2006 and categorized under "A" or	--



S. NO.	CONDITIONS	REMARKS
	<p>"B" category depending upon the location of the plant outside or inside the notified industrial area. In the instant case the unit is located outside the notified industrial area, hence it is "A' Category project. The Expert Appraisal Committee (I) considered the project in its 93rd meeting held on 14-16th April, 2009 and committee recommended the proposal for grant of environmental clearance as per para 7(ii) of EIA Notification, 2006 exempting the project from public hearing.</p>	
8.	<p>Based on the information submitted by the project proponent, the Ministry Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification, dated 14th September 2006 subject to the compliance of the following Specific and General Conditions.</p>	--
A.	SPECIFIC CONDITIONS :	
i)	<p>The company shall install full-fledged ETP to comply with the GPCB norm for discharge of effluent into sea and all necessary clearances shall also be obtained. The company shall construct a guard pond for treated effluent and shall carry out the bioassay test by collecting the treated effluent into the guard pond before discharging into Khadi. The reports shall be submitted to CPCB and Ministry's Regional Office at Bhopal.</p>	<p>To bring GPCB prescribed norm Full-fledged ETP are installed in our premises. A guard pond has been already constructed for treated effluent. Analysis report by third party is enclosed as Refer Annexure III</p>
ii)	<p>The water consumption shall not exceed 8, 828 m³/d and waste water generation shall not exceed 3,523 m³/d. The company shall install the waste water monitoring facility and records shall be maintained.</p>	<p>Water consumption is always below or equal as per given limits from the board. Water consumption and waste water generation of last six months are enclosed in Annexure IV</p>
iii)	<p>The company shall obtain permission for drawl of ground water from the Central Ground Water Authority/Central Ground Water Board as may be applicable and copy shall be submitted to the Ministry's Regional Office.</p>	<p>We have already obtained permission from Irrigation department to take water for industrial use, having capacity of 1,438 KL/Day and also obtained permission from CGWA enclosed in Annexure V. Monitoring and analysis report of water quality in study area Annexure X.</p>
iv)	<p>Particulate emissions from the coal fired boiler and coal fired heaters shall be controlled by installation of electrostatic precipitators and emissions shall be dispersed through stack of adequate height as per CPCB standards. During use of furnace oil as fuel the company shall ensure the emission of SO₂ as per the norms prescribed by the SPCB and height of the stacks shall be as per CPCB norms. The company shall provide the monitoring agreement with the stack and regular monitoring shall be carried out and reports submitted to the SPCB,</p>	<p>To control emission adequate stack height are provided and electrostatic precipitators are installed. We ensure you that our norms will not be increased then the GPCB prescribed norms. Monitoring results reports enclosed in Annexure VI.</p>



S. NO.	CONDITIONS	REMARKS
	CPCB and Ministry's Regional Office at Bhopal.	
v)	The proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their 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 State Pollution Control Board. The pollutant levels namely, SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We will regularly update it. Monitoring details are as Annexure VI & VII
vi)	Fugitive emissions in the work zone environment, product, and raw material storage area shall be regularly monitored. The emissions shall conform to the limits imposed by SPCB.	Point is noted. Please refer Annexure VII
vii)	The project authorities shall strictly comply with the rules and regulation and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended Authorization from the SPCB shall be obtained for collection, treatment, storage and disposal of hazardous wastes.	The rules and regulation and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended Authorization from the SPCB are obtained for collection, treatment, storage and disposal of hazardous wastes. Details of last six months hazardous waste are attached in Annexure VIII
viii)	The project authority shall obtain the membership of TSDF within three months for disposal of solid and hazardous waste and copy of the same shall be submitted to the Ministry and Ministry's Regional Office at Bhopal. The company shall maintain valid member ship.	We have already obtained membership of TSDF of M/s. BEIL, Ankleshwar for the disposal of Solid/ Hazardous waste details attached in Annexure IX
ix)	The company shall develop 12,500 sq. m. out of the total area as green belt as per the CPCB guidelines to mitigate the effect of fugitive emissions.	We have completed the Plantation required in around 28000 sq. m. of area within our premises. We are maintaining the plantation.
x)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular medical check-up has been carried out for workers and records are maintained
xi)	The company shall make arrangement for protection of possible fire hazards during manufacturing process in material handling.	We have provided proper arrangement for fire hazards during manufacturing process in material handling and have updated the On-site emergency plan.
B.	GENERAL CONDITIONS	
i)	The project authorities shall strictly adhere to the	We adhere to the

S. NO.	CONDITIONS	REMARKS
	stipulations made by the SPCB/state government or any statutory body.	stipulations by the GPCB and other relevant statutory body.
ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. 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.	No further expansion or modifications in the plant will be carried out without prior approval of the Ministry of Environment and Forests We have obtained consolidated consent order no CCA-SRT-863(7)/ID_20700/360995, dated 28/06/2016, valid up to 31/12/2020. CC&A amendment for the Coal based Power Plant (18 MW) vide GPCB letter no.: GPCB/CCA-SRT-863(5)/ ID_20700/102858, dated 25 th January 2012. CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/120135 dated 1 st Aug 2012. CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated 3 rd May 2014.
iii)	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restated until the desired efficiency has been achieved.	We ensure that in the event of failure of any pollution control system adopted by the unit, the unit will be immediately put out of operation.
iv)	The gaseous emissions (NO _x , SO ₂ and SPM) and Particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control systems(s) adopted by the unit, the respective to achieve the desired efficiency. Stack monitoring for SO ₂ , NO _x and SPM shall be carried.	Stack Monitoring results reports enclosed in Annexure VI
v)	The gaseous emissions (NO _x , SO ₂ and SPM) and Particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control systems(s) adopted by the unit, the respective unit shall not	We have provided adequate stack height to control process emission. Stack monitoring details as Annexure VI



S. NO.	CONDITIONS	REMARKS
	be restarted until the control measures are rectified to achieve the desired efficiency. Stack monitoring for SO ₂ , NO _x and SPM shall be carried.	
vi)	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the up wind and downwind direction as well as where maximum ground level concentrations are anticipated.	Ambient monitoring results are attached as Annexure X
vii)	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).	Noise levels in and around plant are attached as Annexure XI
viii)	The project proponent shall also comply with all the environment protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in respect of environmental management measures project shall be implemented.	Complying with all the environment protection measures and safeguards. All the recommendations made in respect of environmental management measures project shall be implemented.
ix)	The company will undertake all relevant measures for improving the Socioeconomic conditions of the surrounding area CSR activities will be undertaken by involving local villages and administration.	CSR activities are carried out and are Complied.
x)	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	For eco-developmental measures community welfare measures in the project area for the overall improvement of the environment are undertaken.
xi)	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up carry out the Environmental Management and Monitoring functions.	Separate environment management cell are provided.
xii)	The a project authorities shall earmark adequate funds to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implantation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Funds are earmarked to implement the EMP.
xiii)	The implementation of project vis-à-vis environmental action plans shall be monitored by concerned Regional Office of the Ministry/SPCB/CPCB A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.	Regularly we send compliance status to concern authorities.



S. NO.	CONDITIONS	REMARKS
xiv)	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban local Body and the local NGO, if any from who suggestions/ representations if any were receives while processing the proposal.	Done on issuance to letter
xv)	The project proponent shall also submit six monthly status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the State Pollution Control Board.	Regularly, we send compliance status to concern authorities.
xvi)	The project proponent shall inform the public that project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.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.	Company had already given notice in the local news papers regarding Environ-mental Clearance. It has been advertised in one Gujarati news paper "Sandesh" and one English news paper "Times of India" dated 22/06/'09 and we have informed GPCB and MOEF, too.
xvii)	The project authorities shall inform the regional Office as well as the Ministry, the date of financial closure and final approval of the concerned authorities and the date of start of the project.	Financial closure - 5 th Jan 2011 & project is already commenced and Valid CC&A is already obtained from the GPCB.
9.	The Ministry revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	Point is noted.
10.	The Ministry reserves the right to stipulate additional conditions, if found necessary the company in a time bound manner will implement conditions.	Point is noted.
11.	Any appeal against this environmental clearance shall lie with the National Appellate Authority, if preferred within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997	Point is noted.
12.	The above conditions will be enforced, inter-alia the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of water Pollution) Act, 1981 the Environment (Protection) Act, 1986 Hazardous Wastes (Management and Handling) Rules, 2003/ 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Point is noted.



**COMPLIANCE OF AMENDMENT ENVIRONMENTAL CLEARANCE MINISTRY'S
LETTER NO.: J-11011/124/2009-IA II (I), DATED 24TH JULY 2012**

1st APRIL 2018- 30th SEPTEMBER 2018

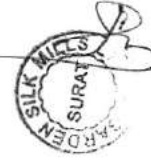
S. NO.	CONDITIONS	REMARKS
1	This is in continuation of this Ministry's letter of even no. dated 10.06.2009 and your subsequent communication dated 5.02.2012, 24.04.2012 and 23.05.2012 requesting the Ministry for amendment of environmental clearance dated 10.06.2009 due to increase in the coal requirement from 288-360 MTPD to 328-360 MTPD.	--
2	It is noted that in para 4 of environmental clearance of even no. dated 10.06 2009, that fuel requirement for the boiler has been mentioned as 288-360 TPD of Imported/Indian coal. The quantity of coal as per the environmental clearance was based on the following Gross Calorific Value (GCV): i. Gross Calorific Value (GCV) of imported coal 5500kcal/kg and quantity of coal for the 12 TPH boiler = 288 TPD ii. Gross Calorific Value (GCV) of Indian Coal/ lignite = 3800 kcal/kg, Quantity of coal for the 15 TPH boiler = 360 TPD	--
3	However, the GCV of actual imported coal received is 3800 kcal/kg and coal requirement is 410 TPD. Due to non availability of Indian coal, company proposes to use lignite along with Indian coal for which the GCV is 3300 kcal/kg. The coal requirement would be 450 TPD. Since the import of coal and coal mining is closed in monsoon season, there is fluctuation in coal availability and hence, it is proposed to use petcoke (20%) as a fuel in combination with Lime (20%) with normal 80% Imported / Indian coal / lignite (328-360 TPD) so that captive power plant can run on full capacity. The company has installed electrostatic participator to control the particulate emissions To control the SO ₂ emissions; it is proposed to use 20 % of lime mix with Petcoke.	We are not using Petcoke, only Coal and lignite is used as fuel for power plant.
4	The proposal was placed before the Expert Appraisal Committee-1 (Industry) in its meeting held during 29th-30th March, 2012 (p. 326/c). After detailed deliberations, the Committee recommended for amendment in the above environmental clearance to increase the requirement of coal from 288 - 360 MTPD to 328-360 MTPD (80% imported / Indian coal / lignite) and / or to use Petcoke (20% of Petcoke - 90 MTPD and 18 MTPD of lime).	We are not using Petcoke, only Coal and lignite is used as fuel for power plant
5	The Ministry accepts the recommendation of EAC -1 (Industry) for amendment in the above environmental clearance in respect of increase in the coal requirement from 288 - 360 MTPD to 328-360 MTPD (80% imported / Indian coal / lignite) and / or to use Petcoke (20% of Petcoke - 90 MTPD of pet coke and 18 MTPD of lime) as mentioned in para 4 of environmental clearance dated 10.06.2009 subject to stipulation of following additional safeguards:	We are not using Petcoke, only Coal and lignite is used as fuel for power plant



S. NO.	CONDITIONS	REMARKS
	i. To control the SO ₂ emissions, lime shall be used. The emissions shall be scrubbed with caustic scrubber.	Not applicable
	ii. Fly ash shall be utilized as per the Fly Ash utilization Notification, 1999 and as amended in 2009	Refer Annexure VIII
	iii. Data on ambient air, stack and fugitive emissions shall be regularly submitted online to Ministry's Regional office at Bhopal, SPCB and Central Pollution Control Board as well as hard copy once in six months and display data on PM ₁₀ , SO ₂ and NO _x outside the premises at the appropriate place for the general public.	Display board is placed visible to general public Refer Annexure VI, VII and X
	iv. The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16 th November, 2009 shall be followed.	Refer Annexure VII
	v. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental 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 the SPCB. The Regional Office of this Ministry at Bhopal/CPCB/SPCB shall monitor the stipulated conditions.	We will submit six monthly reports on regular basis.
	vi. The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent 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 conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Form V is shown in Annexure XII
	vii. The Company shall submit within three months their policy towards Corporate Environment Responsibility which should inter-alia address (i) Standard operating process/procedure to being into focus any infringement/deviation/violation of environmental or forest norms/conditions. (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non compliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders	Please refer Annexure XIII
6	The company shall comply with all the conditions stipulated vide Ministry's letter of even no. dated 10.6.2009. In future, in case of change in the scope of the project, the company shall obtain fresh	Noted



S. NO.	CONDITIONS	REMARKS
	environmental clearance.	
	This issue with approval of the Competent Authority.	--



**COMPLIANCE OF AMENDMENT ENVIRONMENTAL CLEARANCE MINISTRY'S
LETTER NO.: J-11011/624/2010-IA II (I), DATED 10TH MAY 2013**

1st APRIL 2018- 30th SEPTEMBER 2018

S. NO.	CONDITIONS				REMARKS	
1	This has reference to your letter no. Nil dated 25.6.2012 along with copies of EIA/EMP report seeking environment clearance under the provisions of EIA Notification, 2006.				--	
2	The Ministry of Environment and Forests has examined the application for the above project. It is noted that M/s Garden Silk Mills Limited has proposed for expansion of Polyester Stable Fibre and Captive Power Plant (CPP) at Village Jolwa, Taluka Palsana, District Surat, Gujarat. Proposed expansion project is located outside the Notified Industrial Area. The total land requirement for the proposed plant is 36395.4 m ² (3.63 Ha). The power requirement will be met from the CPP. Coal requirement for the CPP would be met from M/s. Adani Enterprises Limited. The total cost of the project will be Rs. 277.3 Crores, Rs.6 Crores and Rs.95 Lakhs will be earmarked towards total capital cost and recurring cost/annum for environmental pollution control measures				--	
3	The existing and the proposed configuration are given below:				We have obtained consolidated consent order no CCA-SRT-863(7)/ID_20700/360995, dated 28/06/2016, valid up to 31/12/2020. CC&A amendment for deletion of PSF vide letter No. GPCB/CCA/SRT-863(7)/ID_20700/333334, dated 01/12/2015. CC&A amendment for the Coal based Power Plant (18 MW) vide GPCB letter no.: GPCB/CCA-SRT-863(5)/ ID_20700/102858, dated 25 th January 2012. CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/120135 dated 1 st Aug 2012. CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated 3 rd May 2014. Annexure - I - Copy of last valid consent. Production details are as	
	S. No	Name of Products	Existing (MTPA)	Proposed (MTPA)		Total (MTPA)
	1.	Polyester Chips	3,33,524	--		3,33,524
	2.	Polyester Filament Yarn (PFY)	--	--		--
	a.	Partially Oriented Yarn (POY)	2,28,192	--		2,28,192
	b.	Fully Drawn Yarn (FDY)	97,484	--		97,484
	3.	Poly Staple Fiber (PSF)	--	1,08,000		1,08,000
	Total (TPA)		6,59,200	1,08,000		7,67,200
	4.	By-Products				
	a.	Degraded Polymer (Oligomer)	39	10		49
	5.	Electric Power				
	a.	N. G. Based Captive Power Plant				
	i.	Phase - I & II (MW)	13.49 (2 X 6.745)	--	13.49 (2X 6.745)	



S. NO.	CONDITIONS				REMARKS
	ii. Phase-III (MW)	8.4	--	8.4	Annexure II.
6.	Coal Based Captive Power Plant	18	21	39 MW	
4	The power requirement of 21 MW for the proposed expansion which will be met from the coal based captive power plant. D.G. sets (1x200 KVA and 1x500 KVA) will be used as a standby arrangement.				Power generation details are shown in Annexure II
5	It is noted that to control the air emissions the unit will install Electro Static Precipitator to control air pollutants. The stacks will be attached to the air pollution control equipments to disperse the air pollutants to the satisfactory levels. Preventive maintenance of air pollution control equipment will be done regularly. A thick greenbelt is developed all around the plant boundary to act as noise attenuator. Water sprinkling will be done to control the dust emissions.				ESP is attached to stack of Power plant. Regular preventive maintenance of ESP is carried out to avoid major break down. Green belt is developed. Water sprinkling is carried out regularly.
6	The total water requirement for the proposed expansion will be 3291 m ³ /day, which will be met through Canal water. The wastewater generation is 1350.6 m ³ /day which will be treated in the Effluent Treatment Plant.				The water requirement is shown Annexure IV , permission from irrigation department is shown in annexure V .
7	It is noted that all hazardous wastes will be handled carefully and stored in scientifically designed and constructed hazardous waste storage area within the premises. The empty containers of hazardous raw materials and Used/spent oil will be sent to GPCB registered dealer. The ETP sludge shall be sent to TSDF site for disposal through covered vehicle and process waste shall be sold to end-users.				Separate hazardous waste storage area is prepared. Details waste generation shown in Annexure VIII
8	All the manmade fibres manufacturing (Rayon) are listed at S. No. 5(d) under Category 'A' of the Schedule of EIA Notification, 2006 and appraised at the Central level.				-
9	The proposal was considered by the Reconstituted Expert Appraisal Committee (Industry) in its 4 th meeting held during 8-9 th January, 2013. The Committee recommended the proposal for environmental clearance subject to stipulation of specific conditions along with other environmental conditions. Public Hearing / Public Consultation meeting was conducted by the Gujarat Pollution Control Board on 7.6.2012.				-
10	Based on the information submitted by you, presentation made by you and your consultant M/s En-vision Enviro Engineers Ltd., Surat, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14th September 2006 subject to strict compliance of the following Specific and General conditions:				-
A.	SPECIFIC CONDITIONS:				



S. NO.	CONDITIONS	REMARKS
i.	Electro Static Precipitator shall be installed to control particulate emission from the coal fired heater. The gaseous emissions from the coal fired heater shall be dispersed through stack of adequate height and emissions shall conform to the prescribed standards.	ESP is installed at CFH, the stack emission details are shown in Annexure VI
ii.	The sulphur and ash content in the coal to be used in the captive power plant shall not exceed 0.5% and 6-8% respectively. The Gross Calorific Value of coal shall not be less than 3900 kcal/kg. In case of variation of coal quality at any point of time, fresh reference shall be made to the Ministry for amendment of the condition, whenever necessary.	We ensure of using coal with specified Sulphur and ash content. Coal with 3900 GCV will be used.
iii.	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines / Code of Practice issued by the CPCB should be followed.	Workplace emission monitoring and results are shown in Annexure VII
iv.	The total water requirement shall not exceed 3291 m ³ /day and permission shall be obtained to draw the canal water from the State irrigation department.	Water requirement is shown in Annexure IV
v.	The process effluent shall be treated in the effluent treatment plant. After primary and secondary treatment, the treated effluent shall be discharged into Kadodara Khadi through pipeline after confirming to the prescribed standards. Water from polystaple fibre unit shall be used for green belt development.	Details of characteristics of raw effluent and treated effluent is shown in Annexure III
vi.	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	Two recharge wells are provided for rainwater harvesting system and ground water recharge.
vii.	Risk & Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB within 3 months of issue of environment clearance letter.	Risk and DMP is prepared will be submitted through separate letter.
viii.	As proposed, green belt shall be developed in 33 % of the total land area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Green belt development has been done in the project area. Around 460 trees has been planted out.
ix.	Occupational health surveillance of the workers should be carried out as per the prevailing Acts and Rules.	Regular occupational health surveillance are carried out for worker and records are maintained as per Act and certificate from CIH is attached as Annexure XIV
x.	At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional	CSR activity carried out for the last year is shown in Annexure XV



S. NO.	CONDITIONS	REMARKS
	Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.	
xi.	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Necessary infrastructure was provided during construction phase
B.	GENERAL CONDITIONS:	
i.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 th November, 2009 should be followed.	Monitoring of ambient air within study area of project site has been carried the results are shown in annexure X
ii.	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board and the State Government.	Noted and following the stipulation in NOC and CC&A
iii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Noted
iv.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, SO2 and NOx are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhopal and the SPCB/CPCB once in six months.	Data on ambient air quality and stack emission are shown in annexure VI and annexure X
v.	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose.	The final treated effluent is sent to Kadodara Khadi as per prescribed norms of GPCB. Analysis report for raw and treated effluent and ETP sludge is enclosed as Annexure III
vi.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	Noise monitoring within premises at different location was carried out and results are shown in annexure XI
vii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular occupational health surveillance are carried out for worker and records are maintained as per Act and certificate from CIH is attached as Annexure XIV
viii.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Two recharge wells are provided for rainwater harvesting system and ground water recharge.



S. NO.	CONDITIONS	REMARKS
ix.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	CSR activity carried out for the last year is shown in Annexure XV
x.	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhopal. The funds so provided shall not be diverted for any other purpose.	Funds are earmarked to implement the EMP.
xi.	A copy of clearance letter shall be sent by the 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. The clearance letter shall also be put on the web site of the company by the proponent.	We have informed to the concerned. Clearance letter is updated on website.
xii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhopal. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical Sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We will submit six monthly reports on regular basis. Display is near the main gate of the company
xiii.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhopal / CPCB / SPCB shall monitor the stipulated conditions.	We will submit six monthly reports on regular basis.
xiv.	The environmental statement for each financial year ending 31st March in Form-V, as is mandated to be submitted by the project proponent 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 conditions and shall also be sent to	Form V is shown in Annexure XII



S. NO.	CONDITIONS	REMARKS
	the respective Regional Office of the MOEF at Bhopal by e-mail.	
xv.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.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 should be forwarded to the Regional office at Bhopal.	Company had already given notice in the local news papers regarding Environ-mental Clearance. It has been advertised in one Gujarati news paper "Dhabkar" and one English news paper "Times of India" dated 22/05/13 and we have informed to the regional office at Bhopal.
xvi.	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 commencing the land development work.	CA certificate for the same is enclosed as Annexure XVI
10.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Point noted.
11.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Point noted.
12.	The above conditions 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 Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.	Point noted.



LIST OF ANNEXURE

Annexures	Particulars
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Annexure II	Production details for last six months
Annexure III	ETP, Raw and treated water analysis report
Annexure IV	Fresh Water Consumption and effluent generation for last six months
Annexure V	Water permission from Canal Water & CGWA for Ground water
Annexure VI	Stack Monitoring Reports
Annexure VII	Analysis report of Workplace Air Monitoring
Annexure VIII	Solid waste generation in last six months & ETP sludge analysis report
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Annexure X	Ambient air quality and Ground and surface water monitoring report in study area
Annexure XI	Noise monitoring report
Annexure XII	Environment Statement (Form-V)
Annexure XIII	Policy for Corporate Environment Responsibility
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Annexure XV	CSR project and its details
Annexure XVI	CA certificate financial closure



COPY OF LAST VALID CONSENT

GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN
Sector 10-A Gandhinagar 382 010
Phone : (079) 23226295
Fax : (079) 23232156
Website : www.gpcb.gov.in

CCA-Amendment
(No. A11-84101)

NO: GPCB/CCA-SRT-863(7)/ID-20700/
TO,
M/s. Garden Silk Mills Ltd.(Cp. Div)
Plot No:- 196,197,124/A,202-5,225/7,229,230,
Bilwa:- 394705,
Tal:- Palsana, Dist:- Surat.

Date:

SUB: Amendment in the consolidated consent & Authorization of the Board.

REF: 1) CCA order No. - AWH-79190, Dated-25/05/2016 under various Environmental Acts/Rules
2) This office CTE-amendment order no:- GPCB/CCA-SRT-863(7)/ID-20700/354412 Dtd:-
02/05/2016.
3) Your CCA Amendment Application Inward ID No.115040 dated 17/11/2016.

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 3(c) & 5(5) of the Hazardous Waste (Management, Handling and Trans boundary Movement) Rules-2008 & framed under the Environment (Protection) Act-1986, The Board has granted CCA vide order No. AWH-79190 issued vide this office letter no: GPCB/CCA-SRT-863(7)/ID-20700/360995 dated 28/06/2016, valid up to 31/12/2020.

The Board has right to review and amend the conditions of the said CCA order.

The said CCA order is further amended as below.

- This order shall be read as CCA-Amendment Order No. A11-84101 date of issued 10/02/2017 valid up to 31/12/2020.
- The condition No-2 of the said CCA order is amended as below
 - The consents shall be valid up to 31/12/2020 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products

Sr. No.	Product	Quantity as per CCA dated: 28/06/2016	Quantity as per CTE- Amendment dated:-02/05/2016	Total Quantity after CCA Amendment
1.	Polyester Chips	3,33,524 Tonne/Year	--	3,33,524 Tonne/Year
2.	Polyester Filament Yarn			
	Partially Oriented Yarn (POY)	2,28,192 Tonne/Year	--	2,28,192 Tonne/Year
	Fully Drawn Yarn (FDY)	97,484 Tonne/Year	-7,695.2 Tonne/Year	89,788.8 Tonne/Year
3.	By-Product Degraded Polymer (Oligomer)	39.0 Tonne/Year	-1.0 Tonne/Year	38.0 Tonne/Year
4.	Nylon Filament Yarn	--	7328 Tonne/Year	7328.0 Tonne/Year
5.	By-Product Nylon Yarn Waste	--	367.2	367.2 Tonne/Year
	Total:	6,59,239 Tonne/Year	-1.0 Tonne/Year	6,59,238 Tonne/Year

M/s. Garden Silk Mills Ltd.(Cp. Div)(ID-20700)

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6.	Electric Power			
	N. G. based Captive Power Plant			
	i) Phase - I& II	13,490 MW (2 x 6,745)	~	13,490 MW (2 x 6,745)
	ii) Phase - III	8,400 MW	~	8,400 MW
	Coal based Power Plant	18.0 & 21.0 MW	~	18.0 & 21.0 MW

SUBJECT TO THE FOLLOWING CONDITIONS:-

1. There shall be no increase in pollution load as per undertaking dated:- 22/03/2016.
 2. The rest of the conditions of the CCA order no:- AWII-79190 , Dated:-25/05/2016 shall remain unchanged. You are directed to comply with these conditions judiciously.
 3. There shall be no change in existing quantity of Air emission & Hazardous Waste data due to propose CCA-Amendment.
3. The condition No-3 of the said CCA order is amended as below:
3. **CONDITIONS UNDER WATER ACT, 1974:**
 - 3.1. Source of water: Borewell
 - 3.2. The quantity of the fresh water consumption for industrial purpose, after CCA-Amendment, shall be reduced from 10065 KL/Day to 110063 KL/Day.
 - 3.3. There shall be no change in existing quantity of the water consumption for domestic purpose (92 KL/Day), after CCA-Amendment.
 - 3.4. The quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations, after CCA-Amendment, shall be reduced from 4143.4 KL/Day to 4136.4 KL/Day.
 - 3.5. There shall be no change in existing quantity of the domestic waste water (Sewage) (76 KL/Day), after CCA-Amendment.
 - 3.6. Industry shall provide fixed pipeline with flow meter for the reuse of effluent and maintain its records.
 - 3.7. The applicant shall operate sewage treatment system efficiently so that treated effluent from the industrial unit shall conform to the norms mentioned below.

PARAMETERS	GPCB NORMS
PH	6.5 TO 8.5
Temperature	40° C
Colour (pt.co.scale) in units	100 units
Suspended Solids	100 mg/l
Oil and Grease	10 mg/l
Chlorides	600 mg/l
Sulphate	1000 mg/l
BOD (3 days at 20°C)	30 mg/l
COD	100 mg/l
Total Dissolved Solids	2100 mg/l
Phenolic compounds	1 mg/l
Sulphides	2 mg/l
Ammonical Nitrogen	50 mg/l
Total Chromium	2 mg/l
Hexavalent chromium	0.1 mg/l

- 3.8. The final treated domestic effluent conforming to the above standards shall be reused upto maximum extent & remaining shall be discharged into Kadodara Khadi through closed pipeline upto final discharge point. The applicant shall provide storage tank of adequate capacity to store treated effluent during rainy season for at latest 7 days.

M/s. Garden Silk Mills Ltd. (Cp. Div)(ID-20700)



COPY OF LAST VALID CONSENT

- 3.9. Domestic effluent shall be disposed off through septic tank/soak pit system.
3.10. The unit shall install meters for measuring category wise (category as given in water cess Act-1977 Schedule- II) consumption of water.
5. The rest of the conditions of the above referred CCA order shall remain unchanged. You are directed to comply with these conditions judiciously.

For and on behalf of
Gujarat Pollution Control Board

U.K. Upadhyay
29/12/2017
(Smt. U. K. Upadhyay)
Environmental Engineer

Outward No: 406880, 10/03/2017

M/s. Garden Silk Mills Ltd.(Cp. Div)(ID-20700)



COPY OF LAST VALID CONSENT

GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector 10-A, Gandhinagar 382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

BY R.P.A.D.

"Consent to Establish"
(CTE-77971)

NO : GPCB/CCA-SRT-863(7/10_20700/

To,
M/s. Garden Silk Mills Ltd.(Cp. Div)
Plot No:- 193,197,124/A,202-5,225/7,229,230,
Jolwa:- 394705,
Tal:- Palsana, Dist:- Surat.

Sub: Consent to Establish (NOC) Amendment under Section 25 of Water Act 1974 and Section 21 of Air Act 1981

Ref: 1) Your application no. 58257 received Dated: 29/08/2016

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974 the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants Consent to Establish-Amendment for setting up of an industrial plant/activities at Plot No:- 193,197,124/A,202-5,225/7,229,230, Jolwa:- 394705, Tal:- Palsana, Dist:- Surat for the manufacturing of the following items:-

SR. NO.	Product	EXISTING QUANTITY	PROPOSED CHANGES	TOTAL QUANTITY
1.	Polyester Chips	3,33,524 Tonne/Year		3,33,524 Tonne/Year
2.	Polyester Filament Yarn			
	Partially Oriented Yarn (POY)	2,28,192 Tonne/Year		2,28,192 Tonne/Year
	Fully Drawn Yarn (FDY)	97,484 Tonne/Year	7,996.2 Tonne/Year	89,788.8 Tonne/Year
3.	By-Product Degraded Polymer (Oligomer)	38.0 Tonne/Year	1.0 Tonne/Year	38.0 Tonne/Year
4.	Nylon Filament Yarn		7328 Tonne/Year	7328.0 Tonne/Year
5.	By-Product Nylon Yarn Waste		367.2	367.2 Tonne/Year
	Total:	6,59,230 Tonne/Year	7.0 Tonne/Year	6,59,238 Tonne/Year
6.	Electric Power			
	N. G. based Captive Power Plant			
	i) Phase - I & II	13,490 MW (2 x 6,745)		13,490 MW (2 x 6,745)
	ii) Phase - III	8,400 MW		8,400 MW
	Coal based Power Plant	18.0 & 21.0 MW		18.0 & 21.0 MW

SUBJECT TO THE FOLLOWING CONDITIONS:-

- The validity of this order will be up to five years i.e. 5/4/2021.
- There shall be no increase in pollution load as per undertaking dated:- 22/03/2016.

M/s. Garden Silk Mills Ltd.(Cp. Div)(ID_20700)

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ANNEXURE - I (Cont.)

CONDITIONS UNDER WATER ACT 1974:

1. The quantity of the industrial effluent to be generated and discharge from the manufacturing process and other ancillary industrial operations shall not exceed 10063 KL/Day.
2. The quantity of domestic waste water shall not exceed 99 KL/day.
3. The quantity of water to be used for the mfg. Process and other ancillary industrial operation shall not exceed 4136 KL/Day.
4. The effluent treatment plant consisting of the following units as proposed by you shall be installed.
 - Holding tank
 - Equalization tank
 - Neutralization tank
 - Screen channel
 - Flash mixer
 - Flocculation tank
 - Primary settling tank
 - Aeration tank
 - Primary clarifier
 - Secondary clarifier
 - Clarifier water tank
 - Pressure filter
 - Activated carbon filter
 - Treated water sump
 - Sludge sump
5. The quality of industrial effluent shall conform to the following standards: (Whichever is applicable)

PARAMETERS	GPCB NORMS
PH	6.5 TO 8.5
Suspended Solids	100 mg/l
Oil and Grease	10 mg/l
Total Dissolved Solids	2100 mg/l
Phenolic Compounds	1 mg/l
Sulphides	2.0 mg/l
Ammoniacal Nitrogen	50 mg/l
Total Chromium	2 mg/l
Hexavalent Chromium	0.1 mg/l
BOD (5 days at 20°C)	30 mg/l
COD	100 mg/l
Chlorides	600 mg/l
Sulphate	1000 mg/l

6. The treated effluent conforming to the above standards shall be discharged into Kadodara Khedf through closed pipeline upto final discharge point.
7. Domestic waste water shall be disposed through septic tank/soak pit system.

CONDITIONS UNDER AIR ACT 1981:

8. There shall be no new addition existing Flue gas stack and process emission Stack.

M/s. Garden Silk Mills Ltd. (C.p. Div.) (ID_20700)



ANNEXURE - I (Cont.)

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CONDITIONS UNDER HAZARDOUS WASTE :

- 9 Applicant shall have to comply with provisions of Hazardous Waste (Management & Handling & trans boundary Movement) Rules-2008 as amended from time to time.
- 10.1 The applicant shall obtain membership of common TSDF site for disposal of Haz. Waste as categorized in Hazardous Waste (Management & Handling & trans boundary Movement) Rules-2008 as amended from time to time.
- 10.2 The applicant shall obtain membership of common Haz. Waste incinerator for disposal of incinerable waste.
- 10.3 The applicant shall provide temporary storage facilities for each type of Haz. Waste as per Hazardous Waste (Management & Handling & trans boundary Movement) Rules-2008 as amended from time to time.

GENERAL CONDITION :

11. Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is atleast 1000 trees per acre of land and a green belt of 3 meters width is developed.
12. The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act, 1977.
13. In case of change of ownership/management the name and address of the new owners /partners/ directors/ proprietor should immediately be intimated to the Board.
14. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to the Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
15. The applicant also comply with the General conditions as per Annexure I attached herewith (No 1 to 38) (whichever applicable).
16. The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:
Between 6 A.M. and 10 P.M. : 75 dB(A)
Between 10 P.M. and 6 A.M. : 70 dB(A)
17. Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986
18. If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property in that case they are obliged to pay the compensation as determined by the competent authority.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(K.C.Mistry)
Senior Environmental Scientist

M/s. Garden Silk Mills Ltd.(Cp. Div)(ID_20700)



ANNEXURE - II

PRODUCTION DETAILS FOR LAST SIX MONTHS:-

S.No.	PRODUCT	NAME OF THE MONTH					
		April. 2018	MAY. 2018	JUNE. 2018	JULY. 2018	AUGUST. 2018	SEPTEMBER .2018
1.	Polyester Chips (MT)	18764.57	20055.40	19486.24	16449.43	19565.69	19345.13
2.	POY (MT)	7523.23	8536.75	8034.88	8364.98	8038.41	7660.15
3.	FDY (MT)	3161.54	3700.27	2897.25	3814.78	3690.88	3687.03
4	NYLON (MT)	186.93	204.25	218.74	175.33	241.35	206.98
4.	CPP (MW)	26273	27912	26312	24888	25834	26411



ANNEXURE - III

ANALYSIS REPORT OF INLET AND OUTLET OF ETP:-

S. No.	Parameter	Unit	Limit (Outlet)	Results for Month: April.2018					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date	Date	Date	Date	Date	Date
				18.04.2018			12.04.2018		
1	pH	pH Unit	6.5 - 8.5	6.48	6.75	4.44	6.37	6.44	6.73
2	Temperature	° C	40	31.0	31.0	31.0	31.0	29.0	29.0
3	Color	Pt. Co Scale	100	80.0	60.0	80.0	90.0	60.0	50.0
4	Total Suspended Solids	mg / l	100	80.0	62.0	92.0	92.0	48.0	40.0
5	Total Dissolved Solids	mg / l	2100	2644	2046	2946	2048	5514	2018
6	Biochemical Oxygen Demand for 3 days at 27°C	mg / l	30	90.0	27.0	840	27.0	48.0	18.0
7	Chemical Oxygen Demand	mg / l	100	288	96.0	2768	88.0	160	64.0
8	Oil & Grease	mg / l	10	ND	ND	ND	ND	ND	ND
9	Ammonical Nitrogen	mg / l	50	0.56	ND	ND	ND	ND	ND
10	Phenolic Compounds	mg / l	1.0	ND	ND	0.36	ND	ND	ND
11	Chlorides (as Cl ⁻)	mg / l	600	1000	576	990	582	2640	580
12	Sulphate (as SO ₄ ⁻)	mg / l	1000	220	180	176	184	380	172
13	Sulphide (as S ⁻)	mg / l	02	ND	ND	ND	ND	ND	ND
14	Hexavalent Chromium	mg / l	0.1	ND	ND	ND	ND	ND	ND

ND - Not Detectable



ANNEXURE - III (Cont.)

ANALYSIS REPORT OF INLET AND OUTLET OF ETP:-

S. No	Parameter	Unit	Limit (Outlet)	Results for Month: May.2018					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date	Date	Date	Date	Date	Date
				16.05.2018				07.05.2018	
1	pH	pH Unit	6.5 - 8.5	5.87	7.05	4.48	7.24	7.69	6.95
2	Temperature	°C	40	29.0	29.0	29.0	29.0	30.0	30.0
3	Color	Pt. Co Scale	100	120	80.0	110	70.0	80.0	80.0
4	Total Suspended Solids	mg / l	100	110	84.0	120	75.0	160	72.0
5	Total Dissolved Solids	mg / l	2100	3032	2046	2512	1576	2484	2048
6	Biochemical Oxygen Demand for 3 days at 27°C	mg / l	30	150	24.0	540	27.0	15.0	9.00
7	Chemical Oxygen Demand	mg / l	100	496	80.0	1760	96.0	48.0	32.0
8	Oil & Grease	mg / l	10	ND	ND	ND	ND	ND	ND
9	Ammonical Nitrogen	mg / l	50	ND	ND	ND	ND	ND	ND
10	Phenolic Compounds	mg / l	1.0	ND	ND	ND	ND	ND	ND
11	Chlorides (as Cl ⁻)	mg / l	600	1450	584	1070	590	830	580
12	Sulphate (as SO ₄ ⁻)	mg / l	1000	750	560	598	375	255	370
13	Sulphide (as S ⁻)	mg / l	02	ND	ND	ND	ND	ND	ND
14	Hexavalent Chromium	mg / l	0.1	ND	ND	ND	ND	ND	ND

ND- Not Detectable



ANNEXURE - III (Cont.)

ANALYSIS REPORT OF INLET AND OUTLET OF ETP:-

S. No	Parameter	Unit	Limit (Outlet)	Results for Month: June.2018					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date	Date	Date	Date	Date	Date
				27.06.2018			08.06.2018		
1	pH	pH Unit	6.5 - 8.5	5.05	7.03	5.26	7.42	6.61	6.87
2	Temperature	° C	40	29.0	29.0	29.0	29.0	28.0	28.0
3	Color	Pt. Co Scale	100	120	75.0	140	60.0	140	80.0
4	Total Suspended Solids	mg / l	100	110	70.0	92.0	52.0	150	90.0
5	Total Dissolved Solids	mg / l	2100	3720	2016	2530	1994	2312	2048
6	Biochemical Oxygen Demand for 3 days at 27°C	mg / l	30	150	15.0	585	27.0	35.0	18.0
7	Chemical Oxygen Demand	mg / l	100	496	48.0	1952	88.0	128	64.0
8	Oil & Grease	mg / l	10	ND	ND	ND	ND	ND	ND
9	Ammonical Nitrogen	mg / l	50	ND	ND	ND	ND	ND	ND
10	Phenolic Compounds	mg / l	1.0	ND	ND	ND	ND	ND	ND
11	Chlorides (as Cl ⁻)	mg / l	600	1500	580	870	590	600	584
12	Sulphate (as SO ₄ ⁻)	mg / l	1000	200	198	179	205	260	360
13	Sulphide (as S ⁻)	mg / l	02	ND	ND	ND	ND	ND	ND
14	Hexavalent Chromium	mg / l	0.1	ND	ND	ND	ND	ND	ND

ND- Not Detectable



ANNEXURE - III (Cont.)

ANALYSIS REPORT OF INLET AND OUTLET OF ETP:-

S. No	Parameter	Unit	Limit (Outlet)	Results for Month: July.2018					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date	Date	Date	Date	Date	Date
				18.07.2018			12.07.2018		
1	pH	pH Unit	6.5 - 8.5	6.58	6.90	5.03	6.54	7.49	7.54
2	Temperature	°C	40	28.0	28.0	28.0	28.0	29.0	29.0
3	Color	Pt. Co Scale	100	120	70.0	140	75.0	75.0	60.0
4	Total Suspended Solids	mg / l	100	132	72.0	144	60.0	60.0	48.0
5	Total Dissolved Solids	mg / l	2100	3432	2084	3130	2088	4230	2048
6	Biochemical Oxygen Demand for 3 days at 27°C	mg / l	30	45.0	27.0	870	27.0	30	15.0
7	Chemical Oxygen Demand	mg / l	100	160	96.0	2880	96.0	112	48.0
8	Oil & Grease	mg / l	10	8.50	ND	11.5	ND	ND	ND
9	Ammonical Nitrogen	mg / l	50	ND	ND	1.12	ND	ND	ND
10	Phenolic Compounds	mg / l	1.0	ND	ND	ND	ND	ND	ND
11	Chlorides (as Cl ⁻)	mg / l	600	1500	570	1150	588	1150	580
12	Sulphate (as SO ₄ ⁻)	mg / l	1000	292	220	230	192	380	410
13	Sulphide (as S ⁻)	mg / l	02	ND	ND	ND	ND	ND	ND
14	Hexavalent Chromium	mg / l	0.1	ND	ND	ND	ND	ND	ND

ND- Not Detectable

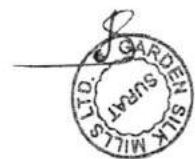


ANNEXURE - III (Cont.)

ANALYSIS REPORT OF INLET AND OUTLET OF ETP:-

S. No	Parameter	Unit	Limit (Outlet)	Results for Month: August.2018					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date	Date	Date	Date	Date	Date
				27.08.2018				16.08.2018	
1	pH	pH Unit	6.5 - 8.5	6.37	7.12	6.10	7.11	7.20	7.46
2	Temperature	°C	40	29.0	29.0	29.0	29.0	29.0	29.0
3	Color	Pt. Co Scale	100	100	60.0	100	80.0	120	80.0
4	Total Suspended Solids	mg / l	100	104	68.0	82.0	62.0	80.0	60.0
5	Total Dissolved Solids	mg / l	2100	2510	1990	3116	2040	4298	2056
6	Biochemical Oxygen Demand for 3 days at 27°C	mg / l	30	210	15.0	810	18.0	18.0	9.00
7	Chemical Oxygen Demand	mg / l	100	704	48.0	2736	64.0	64.0	32.0
8	Oil & Grease	mg / l	10	ND	ND	ND	ND	ND	ND
9	Ammonical Nitrogen	mg / l	50	ND	ND	ND	ND	ND	ND
10	Phenolic Compounds	mg / l	1.0	ND	ND	ND	ND	ND	ND
11	Chlorides (as Cl ⁻)	mg / l	600	989.69	590	1049.67	585	1800	580
12	Sulphate (as SO ₄ ⁻²)	mg / l	1000	200	220	265	240	380	460
13	Sulphide (as S ⁻²)	mg / l	02	ND	ND	ND	ND	ND	ND
14	Hexavalent Chromium	mg / l	0.1	ND	ND	ND	ND	ND	ND

ND- Not Detectable



ANNEXURE - III (Cont.)

ANALYSIS REPORT OF INLET AND OUTLET OF ETP:-

S. No	Parameter	Unit	Limit (Outlet)	Results for Month: September.2018					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date	Date	Date	Date	Date	Date
				20.09.2018				10.09.2018	
1	pH	pH Unit	6.5 - 8.5	6.49	7.23	5.92	7.07	7.56	7.71
2	Temperature	° C	40	29.0	29.0	29.0	29.0	29.0	29.0
3	Color	Pt. Co Scale	100	95.0	65.0	80.0	60.0	100	60.0
4	Total Suspended Solids	mg / l	100	112	76.0	72.0	64.0	68.0	52.0
5	Total Dissolved Solids	mg / l	2100	2594	2040	2944	2076	4446	2021
6	Biochemical Oxygen Demand for 3 days at 27°C	mg / l	30	120	27.0	900	24.0	18.0	9.00
7	Chemical Oxygen Demand	mg / l	100	400	88.0	2944	80.0	64.0	32.0
8	Oil & Grease	mg / l	10	ND	ND	ND	ND	ND	ND
9	Ammonical Nitrogen	mg / l	50	ND	ND	ND	ND	ND	ND
10	Phenolic Compounds	mg / l	1.0	ND	ND	ND	ND	ND	ND
11	Chlorides (as Cl ⁻)	mg / l	600	1099.66	588	749.76	578	1600	590
12	Sulphate (as SO ₄ ⁻)	mg / l	1000	400	430	320	440	516	502
13	Sulphide (as S ⁻)	mg / l	02	ND	ND	ND	ND	ND	ND
14	Hexavalent Chromium	mg / l	0.1	ND	ND	ND	ND	ND	ND

ND- Not Detectable



ANNEXURE - III (Cont.)

ANALYSIS REPORT OF (FISH POND)

S. No.	Parameter	Unit	Limit (Outlet)	Results					
				April. 18.04.20 18	May. 06.05.20 18	June. 27.06.20 18	July. 18.07.20 18	August. 27.08.201 8	September 20.09.201 8
1	pH	pH Unit	6.5 - 8.5	7.25	7.13	7.56	7.34	7.45	7.50
2	Temperature	°C	40	31.0	29.0	29.0	28.0	29.0	29.0
3	Color	Pt. Co Scale	100	60.0	75.0	70.0	80.0	75.0	60.0
4	Total Suspended Solids	mg/L	100	56.0	62.0	60.0	52.0	54.0	60.0
5	Total Dissolved Solids	mg/L	2100	2068	2008	2060	2090	2056	2056
6	Biochemical Oxygen Demand for 3 days at 27°C	mg/L	30	24.0	27.0	18.0	24.0	9.00	24.0
7	Chemical Oxygen Demand	mg/L	100	80.0	96.0	64.0	80.0	32.0	80.0
8	Oil & Grease	mg/L	10	ND	ND	ND	ND	ND	ND
9	Ammonical Nitrogen	mg/L	50	ND	ND	ND	ND	ND	ND
10	Phenolic Compounds	mg/L	1.0	ND	ND	ND	ND	ND	ND
11	Chlorides (as Cl ⁻)	mg/L	600	570	850	586	585	586	584
12	Sulphate (as SO ₄ ⁻)	mg/L	1000	294	450	241	210	310	760
13	Sulphide (as S ⁻)	mg/L	02	ND	ND	ND	ND	ND	ND
14	Hexavalent Chromium	mg/L	0.1	ND	ND	ND	ND	ND	ND

ND- Not Detectable



ANNEXURE - IV

FRESH WATER CONSUMPTION AND EFFLUENT GENERATION FOR LAST SIX MONTHS

PRODUCT	NAME OF THE MONTH (Avg M ³ /Month)					
	April.2018	May.2018	June.2018	July.2018	August.2018	September.2018
Water consumption						
Production (CP) KL	103326	102943	100147	159920	157490	119639
Power plant KL	96515	99663	96244	84924	86869	92979
Wastewater generation						
Production (CP) KL	23066	22387	23339	26045	23024	17161
Power plant KL	22738	23254	21999	21092	21263	22210



WATER PERMISSION FROM CANAL WATER & CGWA FOR GROUND WATER

(1) પાણી વિતરણ પહેલાં માન્ય સમયનું ગોચરકીય મુદ્દામાં હોય તેવા નવા અભિયંત્રણ દ્વારા પેપર ડેપોઝિટન કરાવી લેવાનું હોય અને તે બાબતે વિધાયક અને સ્વીકૃતિ આપનાર સંસ્થાને મળતી સંમતિ હોય.

(2) જ્યાં સુધી સામેલ કાનલ-માધ્યમ મુદ્દામાં, નીચે દર્શાવેલ માન્યતાઓ જાહેર હિત હવતા સ્વીકૃતિ કરાવી લેવાની હોય.

૧. કાનલ કાળી પાણી મુદ્દામાંની ખાલી જગ્યાઓ ભરવા નહીં પુરુષીલેવી.
૨. કિલ્લા કોળીમાં કાનલના પાંચ સ્વીકૃતિ કરવા માટે અધિકૃત કોલ કોલ તેવા અધિકૃત અને સમય અધિકારી સમક્ષ નહીં સ્વીકૃતિ કરવાની હોય.
૩. અરેબી મેન્યુર કાનલમાં આવેલ કાનલ-માધ્યમ મુદ્દામાં સહાયકોની પૂર્વેમુદ્દી વિના કોલેપણ સુધારા/વધારા/પ્રિફર કરવા નહીં.
૪. સ્વીકૃતિ: ક્યેલે કાનલમાંની એક નહીં અને સહાયકો અને પ્રમાણિત કાનલને સ્વીકૃતિ આપેલ કાનલમાં સહાયક મેન્યુર કોલ સુધારા સુધારવા નહીં.

૩. ગ્રાઉન્ડ વોટર રિસર્ચ લિમિટેડને પાણી વિતરણ-થી કિલ્લા સેક્ટરમાં પરવાનગી સમયે તે પાણી વિતરણના ડેપુટી જ આરબાલ પ્રાઇવેટ લેડેરની ૧૨ અને કોલ ડાઇવેરની સંખ્યાનું પરવાનગી ખાતરી ૬ ની ૧૨૦૦ મીટર-થી ડેપોઝિટન નેટવર્ક કમ્પ્લીટ સ્વખર્ચે સ્થાપનાઈતી હવાઈ કરવા નીચેની સંસ્થાને આધીન સેક્ટરમાં પરવાનગી આપવામાં આવે છે.

- (1) મુદ્દામાં અદ્યતન ગ્રાઉન્ડ વોટર રિસર્ચ લિમિટેડના મુદ્દામાં તેમજ સહાયકોના આ વિતરણમાં પરવાનગીના અધિકારમાં કોલેપણ બાંધવાની માન્યતાઓ હોય તેવા અધિકારી દ્વારા કાનલ-માધ્યમ/સુધારા/વધારા/પ્રિફર/પે. ટા. ૮/૨/૦૦ ની કાનલનું તેમજ સમયસરે સ્વીકૃતિ પાડી મુદ્દામાંનું મુદ્દામાં પાણી સમયનું હોય.
- (2) નોટીફાઈડ ગવેલ ન હોય તેવી નદીઓ માટે અરેબી મેન્યુર વિતરણમાં તેમજ કાનલમાં હોય. વિતરણ માટે નોટીફાઈડ ગવેલ ન હોય તેવી નદીઓમાં કોલેપણ માટે અરેબી મેન્યુર પાણી સમય નહીં.
- (3) સંબંધિત અધીકાર કમ્પ્લીટ સ્વખર્ચેની સહાયકોની કોલેપણ માટે કોલેપણ માટે અરેબી મેન્યુર કાનલમાં હોય.
- (4) સમય સહાયકો કોલેપણ પેપર ડેપોઝિટન કે સુધારા મેન્યુર ૬ નહીંન કોલેપણ અદ્યતન કરી નથી તે બાબતની સમજૂતી કરાઈ કરાઈ કરાઈ લેવાની હોય.
- (5) કોલેપણ ટીક વિતરણમાં પરવાનગી અધીકાર કમ્પ્લીટ સ્વખર્ચેના વિતરણ પદમાં કાનલમાં હોય તેવા પરવાનગી સારી અરેબી કાનલમાં પણ સમય કે હાઈન અકામથી કરવાનું હોય.
- (6) માન્યતા આલેખન સંદર્ભે અધિકાર મેન્યુરમાં હોય તેવા અધિકાર આલેખન તેમજ કાનલ અધિકાર મુદ્દામાં/અધિકાર સમયે લઈ સહાયકોની તેમજ કાનલમાં સંબંધિત અધિકારીની સહાય.
- (7) અધીકાર કમ્પ્લીટ સ્વખર્ચેની સહાયકોના સહાયકો પાણી સમયનું હોય.
- (8) સંબંધિત વિતરણમાં પાણી કોલેપણ વિતરણ કામ સહાયકો કામ સમયે કોલેપણ કોલેપણ કાનલમાં અધિકારી અધિકાર સમયે, કિલ્લા કોળીમાં તેમજ અને અને અધિકાર વિતરણ વિતરણ કાનલમાં હોય, જે માન્યતા સહાયકોની કોલેપણ કાનલમાં અધિકારીની સહાય નહીં આ બાબતમાં તે કોલેપણ કાનલમાં સમય સમયે કરવાની હોય.



WATER PERMISSION FROM CANAL WATER & CGWA FOR GROUND WATER

1. આ કમિશનના તમામ સભ્યોએ આ ને સહમતિ આપી છે અને આ કમિશનના તમામ સભ્યોએ આ ને સહમતિ આપી છે.

ગુજરાતના સરકારના મુખ્ય મંત્રીને આ પત્ર મોકલવામાં આવેલું છે.

૧૯/૦૫/૨૦૨૦
ગુજરાત સરકાર
ગાંધીનગર, ગુજરાત

પ્રિય મિત્ર મુજબ

આ,

- ગુજરાત સરકાર,
- ગુજરાત વિદ્યાલય,
- આમ તથા અન્ય, ગુજરાત.

-આ સંબંધે (જો કોઈ સહી કરવાની જરૂર હોય)

- ગુજરાત સરકાર,
- ગુજરાત સરકાર,
- વિદ્યાલય, આમ તથા અન્ય, ગુજરાત.
- ગુજરાત, ગાંધીનગર વિદ્યાલય, આમ તથા અન્ય, ગુજરાત.
- વિદ્યાલય.



ANNEXURE - V (Cont.)

WATER PERMISSION FROM CANAL WATER & CGWA FOR GROUND WATER

Garden Silk Mills Limited, Jolva, Taluka Pritama, District Surat
Regarding permission in principle of parallel pipeline for lifting
water besides the canal in the acquired land for canal from
Chalthan Branch Aird 62.35

GOVERNMENT OF GUJARAT

Narmada, Water, Water Quantity and Kalvasa Department

Resolution No. WTR/2010/11 P

Sachivalay, Gandhinagar

Date: 14.12.2010

13/11/2010

Date 10 Dec 2010

No - 1972

A.F.

A.M 18.17

Branch Off.

Read:-

- (1) Superintendent Engineer, Surat Irrigation Circle, Surat Letter No. (a) SSV/PB-2/WTR/Garden Silk Mills 478-2899 dt. 5.5.2010
(b) SSV/PB-2/WTR/Garden Silk 074-6677 dt. 28.10.2009
- (2) Letter written by Garden Silk Mills Limited to Executive Engineer, Surat Canal Region, Surat dt. 22.10.2009

Order:-

Garden Silk Mills Limited had asked to obtain 528000 cummeters of water per annum from 12 R Sub Mirror Ex Chalthan Branch canal for production of Polyester Yarn through a Letter dt. 22.10.2009 to Executive Engineer, Surat Canal Division under the Surat Region of Irrigation Circle. With respect to it the Superintending Engineer had sent his recommendations to allow lifting of 1478.35 Cubic Meter (0.36MG.D.) per day from Chalthan Branch Aird about 1280 Meters away from the said company and to lay a parallel pipeline in the land acquired for canal purpose.

2. Perusing the recommendations of the Superintendent Engineer, Surat Irrigation Circle Surat Letter (1) and his opinion, after discussion, subject to the conditions details shown in the letter of Superintendent Engineer, Surat permission in principle is given to Garden Silk Mills Limited Company to lift 1478.35 Cubic Metres (0.316 M.G.D) daily from Chalthan Branch RD 62.35 about 1280 meters at their own expense. vide Resolution dt. 3.2.2007 bearing No. WTR/2005/41 P.

Before lifting water actually by this permission following conditions have to be strictly followed



WATER PERMISSION FROM CANAL WATER & CGWA FOR GROUND WATER

(1) Before lifting water, water meter of recognized body must be installed and this water meter is to be calibrated each year and must be approved by the divisional office.

(2) Considering the following points the attached agreement to be executed within fifteen days

- (1) At the time of agreements the blanks are to be filled.
- (2) Execution by the officer of the company is to be done by the authorized signatory only.
- (3) No changes are to be made in the agreement without prior permission of Government.
- (4) Certified copy of the agreement is to be sent here and it must be according to the draft sent by government.

3. Subject to conditions, Garden Silk Mills Limited is given permission in principle for laying a parallel pipe line from 4.2 RD to 1280 meters parallel to the canal from Chaldian Branch Canal B Sub Minor from the acquired land, at their own expenses.

(1) Will have to keep in mind the provisions of Gujarat Public Construction Rules and the circulars of the State from time to time and will have to follow the conditions mentioned in Circular No. WTR/1097/1083/1219 dt. 5.4.19 and the conditions that may be published thereafter.

(2) For the rivers not notified Revenue Department is to be contacted. For crossing the rivers not notified, permission cannot be given from here.

(3) After checking the line by concerned Superintending Engineer, a separate application must be given.

(4) It must be verified by competent levels that by this pipe line crossing no present or proposed plan is adversely affected.

(5) Superintending Engineer shall have to give separate permissions per crossings and will have to consider separate agreements for it by charging prescribed fee.

(6) Will have to obtain opinion of the Central Inlet Commission and considering its opinion all the responsibility will be of the concerned agency.

(7) Will have to follow the conditions mentioned in the application to Superintending Engineer.



WATER PERMISSION FROM CANAL WATER & CGWA FOR GROUND WATER

own expenses and Government will not be responsible in whatsoever way. This is to be specifically mentioned in the agreement.

(9) At all the crossings, company shall have to put up boards bearing name of company, nature of pipeline, length etc. such that it does not obstruct.

By and in the name of the Governor

S/D/-

V.N.Patel

Deputy Sachtive (Water Resources)

Narmada W., W.W and Kalpasar Department

Enclosures : As above

To

Superintending Engineer

Surat Irrigation Circle

Ahwalines Surat

Cc: For information :

Executive Engineer

Surat Canal Division

Sinchai Bhavan,

Ahwa Lines Surat

Director Garden Silk Mills Limited, Sahara Gate

Surat 395010

Select File



ANNEXURE - V (Cont.)

WATER PERMISSION FROM CANAL WATER & CGWA FOR GROUND WATER

સુભાષી કાનલ
 ગાંધીધામ
 સુભાષી કાનલ
 ગાંધીધામ
 સુભાષી કાનલ
 ગાંધીધામ
 સુભાષી કાનલ
 ગાંધીધામ

Supervisor Director

No. 24-4075/SUNW/MS/2019/11

Ms. Garden Silk Mills Ltd.
 Garden Silk Mills Ltd.
 National Road, Talasra, Talasra
 Talasra

શ્રી ૨૪-૪૦૭૫/સુન/મસ/૨૦૧૯/૧૧
 શ્રી ૨૪-૪૦૭૫/સુન/મસ/૨૦૧૯/૧૧

1. - NCC for ground water with/without the MS Garden Silk Mills Ltd. Division - Jolwa in respect of their project of production of polyester chips and filament yarn production and setting up of water power plant (WPP) at village Jolwa, Plot No. 202-A, 202-B, 202-C, 202-D, 202-E & 202-F, Talasra, District Suret, Gujarat - mg.

Kindly refer to your letter dated 20/07/2019 on MS Garden Silk Mills Ltd. request regarding the project of production of polyester chips and filament yarn production and setting up of water power plant (WPP) at village Jolwa, Plot No. 202-A, 202-B, 202-C, 202-D, 202-E & 202-F, Talasra, District Suret, Gujarat - mg. The project is being executed by MS Garden Silk Mills Ltd. (GSP Division) - Jolwa in respect of their proposed expansion of polyester chips and filament yarn production and setting up of water power plant (phase IV) at village Jolwa, Plot No. 202-A, 202-B, 202-C, 202-D, 202-E & 202-F, Talasra, District Suret, Gujarat - mg. The project is being executed by MS Garden Silk Mills Ltd. (GSP Division) - Jolwa in respect of their proposed expansion of polyester chips and filament yarn production and setting up of water power plant (phase IV) at village Jolwa, Plot No. 202-A, 202-B, 202-C, 202-D, 202-E & 202-F, Talasra, District Suret, Gujarat - mg.

- 1. The project may utilize 100% of the available ground water with/without the MS Garden Silk Mills Ltd. (GSP Division) - Jolwa in respect of their proposed expansion of polyester chips and filament yarn production and setting up of water power plant (phase IV) at village Jolwa, Plot No. 202-A, 202-B, 202-C, 202-D, 202-E & 202-F, Talasra, District Suret, Gujarat - mg.
- 2. The project may utilize 100% of the available ground water with/without the MS Garden Silk Mills Ltd. (GSP Division) - Jolwa in respect of their proposed expansion of polyester chips and filament yarn production and setting up of water power plant (phase IV) at village Jolwa, Plot No. 202-A, 202-B, 202-C, 202-D, 202-E & 202-F, Talasra, District Suret, Gujarat - mg.
- 3. The project may utilize 100% of the available ground water with/without the MS Garden Silk Mills Ltd. (GSP Division) - Jolwa in respect of their proposed expansion of polyester chips and filament yarn production and setting up of water power plant (phase IV) at village Jolwa, Plot No. 202-A, 202-B, 202-C, 202-D, 202-E & 202-F, Talasra, District Suret, Gujarat - mg.
- 4. The project may utilize 100% of the available ground water with/without the MS Garden Silk Mills Ltd. (GSP Division) - Jolwa in respect of their proposed expansion of polyester chips and filament yarn production and setting up of water power plant (phase IV) at village Jolwa, Plot No. 202-A, 202-B, 202-C, 202-D, 202-E & 202-F, Talasra, District Suret, Gujarat - mg.

વધુ માહિતી માટે કૃપા કરીને સંપર્ક કરો
 ટેલ: 079-2725352, 2617514, 2617515
 વેબસાઇટ: www.garden.com
 ગાંધીધામ, સુભાષી કાનલ, ગાંધીધામ



WATER PERMISSION FROM CANAL WATER & CGWA FOR GROUND WATER

1. The permission for taking water from the canal shall be granted on the following conditions:-
2. The permission shall be granted only for the purpose of drinking water supply and for the purpose of irrigation and for the purpose of industrial use.
3. The permission shall be granted only for the purpose of drinking water supply and for the purpose of irrigation and for the purpose of industrial use.
4. The permission shall be granted only for the purpose of drinking water supply and for the purpose of irrigation and for the purpose of industrial use.
5. The permission shall be granted only for the purpose of drinking water supply and for the purpose of irrigation and for the purpose of industrial use.
6. The permission shall be granted only for the purpose of drinking water supply and for the purpose of irrigation and for the purpose of industrial use.
7. The permission shall be granted only for the purpose of drinking water supply and for the purpose of irrigation and for the purpose of industrial use.
8. The permission shall be granted only for the purpose of drinking water supply and for the purpose of irrigation and for the purpose of industrial use.
9. The permission shall be granted only for the purpose of drinking water supply and for the purpose of irrigation and for the purpose of industrial use.
10. The permission shall be granted only for the purpose of drinking water supply and for the purpose of irrigation and for the purpose of industrial use.

Copy for information to:

1. The Director of Agriculture, Government of Karnataka, Bangalore.
2. The Director of Water Resources, Government of Karnataka, Bangalore.
3. The Director of Industries, Government of Karnataka, Bangalore.
4. The Director of Public Health, Government of Karnataka, Bangalore.
5. The Director of Forests, Government of Karnataka, Bangalore.
6. The Director of Land Revenue, Government of Karnataka, Bangalore.
7. The Director of P.W.D., Government of Karnataka, Bangalore.
8. The Director of Transport, Government of Karnataka, Bangalore.
9. The Director of Veterinary, Government of Karnataka, Bangalore.
10. The Director of Zoology, Government of Karnataka, Bangalore.



ANNEXURE - VI

ANALYSIS REPORT OF STACK:-

Month: April. 2018

S. No.	Parameters	Unit	Stack Location		
			Heater (CP- 1, 2)	Heater (CP - 4, 5)	Thermal Power Plant
			18.04.2018	18.04.2018	18.04.2018
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	^o C	122	127	130
3	Average Flue Gas Velocity	m/sec	5.26	5.36	5.27
4	Suspended Particular Matter	mg/Nm ³	137.8	132.6	71.2
5	NO _x	ppm	7.10	6.90	6.10
6	SO ₂	ppm	17.4	14.7	15.7

Month: Month: May. 2018

S. No.	Parameters	Unit	Stack Location		
			Heater (CP- 1, 2)	Heater (CP - 4, 5)	Thermal Power Plant
			16.05.2018	16.05.2018	16.05.2018
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	^o C	126	129	131
3	Average Flue Gas Velocity	m/sec	5.31	5.39	5.37
4	Suspended Particular Matter	mg/Nm ³	139.7	134.3	84.7
5	NO _x	ppm	7.40	6.40	6.90
6	SO ₂	ppm	16.5	14.1	16.4



Month: June.2018

S. No.	Parameters	Unit	Stack Location		
			Heater (CP- 1, 2)	Heater (CP - 4, 5)	Thermal Power Plant
			27.06.2018	27.06.2018	27.06.2018
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	⁰ C	128	132	133
3	Average Flue Gas Velocity	m/sec	5.34	5.36	5.34
4	Suspended Particular Matter	mg/Nm ³	136.4	132.4	82.4
5	NO _x	ppm	6.90	6.70	7.40
6	SO ₂	ppm	17.1	15.7	17.2

Month: July.2018

S. No.	Parameters	Unit	Stack Location		
			Heater (CP- 1, 2)	Heater (CP - 4, 5)	Thermal Power Plant
			18.07.2018	18.07.2018	18.07.2018
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	⁰ C	125	132	131
3	Average Flue Gas Velocity	m/sec	5.17	5.36	5.23
4	Suspended Particular Matter	mg/Nm ³	138.6	128.7	79.8
5	NO _x	ppm	6.10	6.40	7.10
6	SO ₂	ppm	15.7	14.9	16.7



ANNEXURE - VI (Cont.)

Month: August.2018

S. No.	Parameters	Unit	Stack Location		
			Heater (CP- 1, 2)	Heater (CP - 4, 5)	Thermal Power Plant
			27.08.2018	27.08.2018	27.08.2018
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	⁰ C	127	129	133
3	Average Flue Gas Velocity	m/sec	5.21	5.31	5.19
4	Suspended Particular Matter	mg/Nm ³	134.5	131.2	81.4
5	NO _x	ppm	6.70	6.90	7.70
6	SO ₂	ppm	16.4	15.4	15.9

Month: September.2018

S. No.	Parameters	Unit	Stack Location		
			Heater (CP- 1, 2)	Heater (CP - 4, 5)	Thermal Power Plant
			20.09.2018	20.09.2018	20.09.2018
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	⁰ C	131	126	130
3	Average Flue Gas Velocity	m/sec	5.34	5.27	5.22
4	Suspended Particular Matter	mg/Nm ³	138.3	128.6	79.6
5	NO _x	ppm	7.40	7.10	8.10
6	SO ₂	ppm	17.7	14.7	16.7



ANNEXURE - VII

ANALYSIS REPORT OF WORKPLACE AIR MONITORING:-

Month: April. 2018

S. No.	Parameter	Unit	Limit	Results		
				NEAR SPINING CP-4/5	CP-4/5	CP-1/2
				Date	Date	Date
				18.04.2018	18.04.2018	18.04.2018
1	Duration of Survey	hours	-	8hrs	8hrs	8hrs
2	PM ₁₀	microgram / m ³	100	60.7	64.6	61.4
3	NO _x	microgram / m ³	80	7.10	6.40	6.70
4	SO ₂	microgram / m ³	80	5.40	5.40	4.90

Month: May. 2018

S. No.	Parameter	Unit	Limit	Results		
				NEAR H1-PLANT	MAIN GATE	NEAR FISH TANK
				Date	Date	Date
				16.05.2018	16.05.2018	16.05.2018
1	Duration of Survey	hours	-	8hrs	8hrs	8hrs
2	PM ₁₀	microgram / m ³	100	62.6	67.9	61.2
3	NO _x	microgram / m ³	80	6.40	5.70	6.70
4	SO ₂	microgram / m ³	80	5.10	4.90	5.10



Month: June. 2018

S. No.	Parameter	Unit	Limit	Results		
				NEAR ET PLANT	NEAR LABORATORY	NEAR SPINING CP-4/5
				Date	Date	Date
				27.06.2018	27.06.2018	27.06.2018
1	Duration of Survey	hours	-	8hrs	8hrs	8hrs
2	PM ₁₀	microgram / m ³	100	63.2	64.3	65.6
3	NO _x	microgram / m ³	80	7.10	6.70	7.10
4	SO ₂	microgram / m ³	80	5.40	5.90	5.40

Month: July. 2018

S. No.	Parameter	Unit	Limit	Results		
				NEAR H1 PLANT	NEAR FISH TANK	NEAR COOLING CP-4/5
				Date	Date	Date
				18.07.2018	18.07.2018	18.07.2018
1	Duration of Survey	hours	-	8hrs	8hrs	8hrs
2	PM ₁₀	microgram / m ³	100	58.6	61.1	61.2
3	NO _x	microgram / m ³	80	7.70	6.40	6.70
4	SO ₂	microgram / m ³	80	5.10	5.70	5.10



ANNEXURE – VII (Cont.)

Month: August. 2018

S. No.	Parameter	Unit	Limit	Results		
				NEAR WTP PLANT	NEAR CP 1/2	NEAR CP-4/5
				Date	Date	Date
				27.08.2018	27.08.2018	27.08.2018
1	Duration of Survey	hours	-	8hrs	8hrs	8hrs
2	PM ₁₀	microgram / m ³	100	61.5	60.4	61.2
3	NO _x	microgram / m ³	80	7.40	6.70	6.70
4	SO ₂	microgram / m ³	80	5.70	5.40	5.10

Month: September. 2018

S. No.	Parameter	Unit	Limit	Results		
				NEAR FISH TANK	NEAR LABORATORY	NEAR SPINING CP-4/5
				Date	Date	Date
				20.09.2018	20.09.2018	20.09.2018
1	Duration of Survey	hours	-	8hrs	8hrs	8hrs
2	PM ₁₀	microgram / m ³	100	60.7	66.5	63.6
3	NO _x	microgram / m ³	80	7.70	7.40	8.40
4	SO ₂	microgram / m ³	80	5.70	4.90	5.40



ANNEXURE - VIII

DETAILS OF SOLID WASTE GENERATION:-

SR NO	SOLID WASTE GENERATION	MONTH					
		April.2018	May.2018	June.2018	July.2018	August.2018	September.2018
1.	Waste Oil (Litre)	0	17	0	23	0	0
2.	Sweep PTA Waste (Kgs)	0	0	14790	0	0	0
3.	Catalyst Drum (Nos.)	270	367	172	238	263	301
4.	PP Liner (Kgs)	3530	4165	870	3390	1400	4270
5.	Polymer Waste (Kgs)	65390	83470	30270	69690	642400	47680
6.	Chips Waste (Kgs)	0	0	0	0	21580	11320
7.	YARN Waste (Kgs)	144020	171860	163100	124757	161420	133090
8.	NYLON Waste (Kgs)	12220	16790	10710	0	18730	12010
9.	Fly Ash (MT) for CP Div	572.31	691.58	594.30	711.49	745.18	438.50
10.	Fly Ash (MT) for CPP Div	1833.4	1698.8	1966.3	1479.2	1608.5	1837.2

*Fly Ash disposed to following vendors:

1. Ramdev Bricks, Plot No. 51, Village. Tantithaiya, Tal. Palsana, Dist. Surat.
2. Classics Concretes Products, 435/3-5, Behind Hotel Bhagyoday, N.H.No. 8, Bambhora Patia, Kim Char Rasta, Tal. Mangrol, Dist. Surat.

DETAILS OF HAZARDOUS WASTE:-

SR. NO	SOLID WASTE GENERATION	NAME OF THE MONTH					
		April.2018	May.2018	June.2018	July.2018	August.2018	September.2018
1.	ETP Sludge (MT)	2	1.5	1.5	1.5	2	2

SLUDGE MANIFEST

DESCRIPTION	MANIFEST DATE	QUANTITY	NAME OF TSDF	MANIFEST NO.
ETP Sludge	19/5/18	6.860	BHEL DAHEJ	708219



ANNEXURE – VIII (Cont.)

ANALYSIS REPORT OF ETP SLUDGE: - APRIL. 2018- JUNE. 2018

S. No.	Parameter	Unit	April.2018		May.2018		June.2018	
			ETP 1 & ETP 2	ETP CPP	ETP 1 & ETP 2	ETP CPP	ETP 1 & ETP 2	ETP CPP
			Date	Date	Date	Date	Date	Date
			18.4.2018	7.4.2018	26.5.2018	7.5.2018	27.6.2018	8.6.2018
1	pH	pH Unit	7.57	7.86	7.68	7.62	7.51	7.56
2	Temperature	^o C	29.0	29.0	28.0	28.0	27.0	27.0
3	Total Dissolved Solids	gm / kg	13.4	13.2	12.8	12.4	13.2	12.0
4	Biochemical Oxygen Demand for 3 days at 27 ^o C	gm / kg	2.10	0.90	1.50	1.20	0.90	1.80
5	Chemical Oxygen Demand	gm / kg	6.40	3.20	4.80	4.80	3.20	6.40
6	Oil & Grease	gm / kg	ND	ND	ND	ND	ND	ND
7	Phenolic Compounds	gm / kg	ND	ND	ND	ND	ND	ND
8	Hexavalent Chromium as Cr ⁺⁶	gm / kg	ND	ND	ND	ND	ND	ND
9	Total Chromium as Cr	gm / kg	0.0078	0.0084	0.0072	0.0078	0.0066	0.0070



ANALYSIS REPORT OF ETP SLUDGE: - JULY. 2018- SEPTEMBER. 2018

S. No.	Parameter	Unit	July.2018		August. 2018		September. 2018	
			ETP 1 & ETP 2	ETP CPP	ETP 1 & ETP 2	ETP CPP	ETP 1 & ETP 2	ETP CPP
			Date	Date	Date	Date	Date	Date
			18.7.2018	12.7.2018	27.8.2018	16.8.2018	20.9.2018	10.9.2018
1	pH	pH Unit	7.59	7.62	7.42	7.57	7.66	7.74
2	Temperature	° C	28.0	28.0	29.0	29.0	28.0	28.0
3	Total Dissolved Solids	gm / kg	12.8	16.0	13.2	14.0	12.8	18.0
4	Biochemical Oxygen Demand for 3 days at 27°C	gm / kg	0.60	1.50	0.90	1.20	1.20	1.50
5	Chemical Oxygen Demand	gm / kg	2.40	4.80	3.20	3.20	4.80	4.80
6	Oil & Grease	gm / kg	ND	ND	ND	ND	ND	ND
7	Phenolic Compounds	gm / kg	ND	ND	ND	ND	ND	ND
8	Hexavalent Chromium as Cr ⁺⁶	gm / kg	ND	ND	ND	ND	ND	ND
9	Total Chromium as Cr	gm / kg	0.0062	0.0055	0.0058	0.0051	0.0037	0.0032

ND- Not Detectable



MEMBERSHIP CERTIFICATE WITH BEIL, ANKLESHWAR

ANNEXURE - IX



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

Date 19.03.2015

To,
Garden Silk Mills Ltd. (C.P. Division)
Plot No.196,197,124/A,202-5,225/7,229,230,
Village Jolwa,
Taluka Palsana,
Dist: Surat.

Sub : Membership Certificate for Common Solid Waste Disposal Facility.

Dear Sir,

We hereby certify that you have become member for the common Solid/Hazardous waste disposal facility of Bharuch Enviro Infrastructure Ltd., at GIDC, Ankleshwar. You have booked solid waste quantity of **25 MT/year**. You have also paid your capacity commitment charges. Your Membership No. is **Oth/503**.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you,

Yours faithfully,
For BHARUCH ENVIRO INFRASTRUCTURE LTD.

AUTHORISED SIGNATORY

CIN No.: U45300GJ1997PLC032696

Works Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phone: (02646) 263126, 225229 - Fax : (02646) 222646 - E-mail : parjwaria@uniphos.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist. : Bharuch, (Gujarat)



ANNEXURE - X

**AMBIENT AIR QUALITY, GROUND AND SURFACE WATER MONITORING
REPORT IN STUDY AREA**

Analysis report of Ambient Air Monitoring:-

Month -JUNE- 2018

S. No.	Location	Duration of Survey (Hours)	PM10	PM2.5	NOx	SO2
			Microgram/m ³	microgram/m ³	microgram/m ³	microgram/m ³
1	Project Site	8hrs	73.1	42.1	16.1	10.1
2	Jolwa		69.6	38.8	14.1	10.4
3	Tantithiya		68.4	39.3	16.2	11.8
4	Dastan		71.1	40.1	14.7	11.6
5	Karala		72.1	41.3	15.1	10.8
6	Karen		72.8	40.8	13.7	11.2
7	Vareli		72.2	41.7	15.2	10.8
8	Parab		73.4	41.2	14.3	11.2
9	Mankna		70.7	41.2	14.6	11.1
10	Valen		72.3	41.7	15.4	12.4
11	Mirapura		72.4	41.3	14.3	10.7

Analysis report of Ambient Air Monitoring:-

Month - SEPTEMBER - 2018

S. No.	Location	Duration of Survey (Hours)	PM10	PM2.5	NOx	SO2
			Microgram/m ³	microgram/m ³	microgram/m ³	microgram/m ³
1	Project Site	8hrs	74.2	43.4	17.2	11.4
2	Jolwa		70.3	39.3	15.4	10.8
3	Tantithiya		69.6	37.6	15.7	12.2
4	Dastan		72.3	42.4	15.4	12.3
5	Karala		73.4	43.6	14.7	11.1
6	Karen		73.2	41.9	14.1	11.7
7	Vareli		72.8	42.6	16.1	11.3
8	Parab		72.8	40.7	14.0	10.7
9	Mankna		71.1	41.7	15.1	11.6
10	Valen		71.8	41.1	16.1	11.7
11	Mirapura		71.9	40.6	14.7	11.1



ANNEXURE – X (Cont.)

Analysis report of Ground and surface water Monitoring:-

Analysis report of Ground Water Monitoring:-

Month: JUNE. 2018

S. No.	Parameter	Location	Project Site	Jolwa
		Unit		
1	pH	pH Unit	7.24	7.19
2	Total Alkalinity	mg/L	122	156
3	Total Dissolved Solids	mg/L	736	612
4	Chemical Oxygen Demand	mg/L	8.00	8.00
5	Biochemical Oxygen Demand for 3 days at 27°C	mg/L	3.00	3.00
6	Chloride	mg/L	140	120
7	Total Hardness	mg/L	270	140
8	Ca ⁺² Hardness	mg/L	66.8	47.6
9	Sulphate	mg/L	72.0	58.0

ND: Not Detectable

Month: SEPTEMBER. 2018

S. No.	Parameter	Location	Project Site	Jolwa
		Unit		
1	pH	pH Unit	7.32	7.21
2	Total Alkalinity	mg/L	116	140
3	Total Dissolved Solids	mg/L	760	640
4	Chemical Oxygen Demand	mg/L	8.00	8.00
5	Biochemical Oxygen Demand for 3 days at 27°C	mg/L	3.00	3.00
6	Chloride	mg/L	120	100
7	Total Hardness	mg/L	240	120
8	Ca ⁺² Hardness	mg/L	65.0	50.0
9	Sulphate	mg/L	66.0	52.0



ANNEXURE - X (Cont.)

Analysis report of Surface Water Monitoring:-

Month: JUNE. 2018

S. No.	Parameter	Location	Kadodara Khadi	Canal
1	pH	pH Unit	8.43	7.36
2	Total Alkalinity	mg/L	378	186
3	Total Suspended Solids	mg/L	76.0	68.0
4	Total Dissolved Solids	mg/L	1412	728
5	Chemical Oxygen Demand	mg/L	64.0	8.0
6	Biochemical Oxygen Demand for 3 days at 27°C	mg/L	21.0	3.0
7	Ammonical Nitrogen	mg/L	6.27	ND
8	Chloride	mg/L	390	110
9	Total Hardness	mg/L	438	140
10	Ca ⁺² Hardness	mg/L	116	65.0
11	Sulphate	mg/L	96.0	54.0

Month: SEPTEMBER. 2018

S. No.	Parameter	Location	Kadodara Khadi	Canal
		Date Unit		
1	pH	pH Unit	8.56	7.27
2	Total Alkalinity	mg/L	390	170
3	Total Suspended Solids	mg/L	82.0	60.0
4	Total Dissolved Solids	mg/L	1528	706
5	Chemical Oxygen Demand	mg/L	80.0	8.0
6	Biochemical Oxygen Demand for 3 days at 27°C	mg/L	27.0	3.0
7	Ammonical Nitrogen	mg/L	6.87	ND
8	Chloride	mg/L	410	90.0
9	Total Hardness	mg/L	420	120
10	Ca ⁺² Hardness	mg/L	110	55.0
11	Sulphate	mg/L	105	48.0



ANNEXURE XI

Analysis Report of Noise Monitoring:-

Month: JUNE. 2018

SR.NO	LOCATION	DATE	TIME	RESULTS (Unit- dB)
1	GSML ADMIN BUILDING	28/06/2018	11:00 (Day Time)	63.8
			22:00 (Night Time)	54.2
2	CANTEEN	28/06/2018	14:00 (Day Time)	65.2
			23:00 (Night Time)	61.9
3	NEAR DG ROOM	28/06/2018	15:30 (Day Time)	70.1
			23:30 (Night Time)	61.3
4	CP- 4,5	28/06/2018	10:00 (Day Time)	58.7
			19:45 (Night Time)	54.9
5	CP-1,2	30/06/2018	11:00 (Day Time)	61.8
			21:10 (Night Time)	57.8
6	COOLING TOWER	30/06/2018	13:00 (Day Time)	68.6
			22:35 (Night Time)	59.7
7	GSML MAIN GATE (SH)	30/06/2018	14:00 (Day Time)	59.3
			22:00 (Night Time)	57.2
8	JOLWA	30/06/2018	15:50 (Day Time)	62.4
			23:00 (Night Time)	57.2



Month: SEPTEMBER. 2018

SR.NO	LOCATION	DATE	TIME	RESULTS (Unit- dB)
1	GSML ADMIN BUILDING	27/09/2018	11:00 (Day Time)	63.2
			22:00 (Night Time)	54.7
2	CANTEEN	27/09/2018	14:00 (Day Time)	64.7
			23:00 (Night Time)	62.3
3	NEAR DG ROOM	27/09/2018	15:30 (Day Time)	69.8
			23:30 (Night Time)	61.5
4	CP- 4,5	27/09/2018	10:00 (Day Time)	59.1
			19:45 (Night Time)	55.2
5	CP-1,2	29/09/2018	11:00 (Day Time)	62.6
			21:10 (Night Time)	58.4
6	COOLING TOWER	29/09/2018	13:00 (Day Time)	67.9
			22:35 (Night Time)	59.2
7	GSML MAIN GATE (SH)	29/09/2018	14:00 (Day Time)	59.4
			22:00 (Night Time)	57.6
8	JOLWA	29/09/2018	15:50 (Day Time)	62.9
			23:00 (Night Time)	56.8



ENVIRONMENT STATEMENT (FORM-V)

GUJARAT POLLUTION CONTROL BOARD

SECTOR: 10-A, GANDHINAGAR: 382 043

Date: 19/06/2018

ENVIRONMENTAL AUDIT REPORT

Under the provisions of Sub Rule 14 of the Environment (Protection) Rules, 1986 of the Environment (Protection) Act-1986

"14 Submission of Environmental Audit Report:-

Every person carrying on an industry, operation or process requiring consent under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) or under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) or both or authorisation under the Hazardous Wastes (Management and Handling) Rules, 1989 issued under the environment (Protection) Act, 1986 (29 of 1986) shall submit an environmental audit report for the financial year ending the 31st March in form - V to the concerned State Pollution Control Board on or before the 30th September every year, beginning 1993.

FORM - V

(See rule 14)

Environmental Audit Report for the financial year ending the 31st March 2018

PART: A

- i) Name and address of the Owner/Occupier of the industry, Operation or Process. : **M/s. GARDEN SILK MILLS LTD.**
(CP DIVISION - JOLWA),
PLOT NO.: 202-05, 225-7, 229, 230, 196, 197, & 124-A, VILLAGE: JOLWA, TAL.: PALSANA,
DIST.: SURAT
- ii) Date of the last environmental audit report submitted. : **27/06/2017**



ENVIRONMENT STATEMENT (FORM-V)**PART: B****Water and Raw Material Consumption**(1) Water Consumption in M³/Day.

Process + Washing:	96.00
Cooling + Boiler:	3131.00
Domestic + Gardening:	48.00
Total (Industrial):	3227.00

Name of Products	Water consumption per unit of products.	
	During the previous Financial year.	During the current Financial year.
	(APRIL - 16 TO MARCH - 17)	(APRIL - 17 TO MARCH - 18)
	(1)	(2)
POLYESTER CHIPS	0.037 M ³ /MT	5.5 M ³ /MT
COAL BASED POWER PLANT (18 + 21 MW)	3.74 M ³ /MW	3.62 M ³ /MW

(ii) Raw Material consumption

Name of Raw Materials	Name of products	Consumption of raw material per unit of output. (MT/MT)	
		During the previous Financial year.	During the current Financial year.
		(APRIL - 16 TO MARCH - 17)	(APRIL - 17 TO MARCH - 18)
PTA (TEREPHTHALIC ACID)	POLYESTER CHIPS	1.347	1.292
MEG (MONO ETHYLENE GLYCOL)		0.522	0.502
DELUSTRING AGENT		0.0017	0.0014
ADDITIVE CATALYST		0.00053	0.000519
POY-POLYMER	POY	1.03	1.03
FDY-POLYMER	FDY	1.00	1.00



ENVIRONMENT STATEMENT (FORM-V)

PART: C

Pollution Generated

(Parameter as specified in the consent issued)

(i) Pollutants	Quantity of pollution generated	Percentage of variation from prescribed standards with reasons.
(a) Water	ALL THE PARAMETERS ARE WITHIN THE LIMITS PRESCRIBED BY THE BOARD.	
(b) Air	ALL THE PARAMETERS ARE WITHIN THE LIMITS PRESCRIBED BY THE BOARD.	

PART: D

Hazardous Wastes

(As specified under Hazardous Wastes (Management and Handling) Rules, 1989)

Hazardous Wastes	Total Quantity (kg.)	
	During the previous Financial year. (APRIL - 16 TO MARCH - 17)	During the current Financial year. (APRIL - 17 TO MARCH - 18)
(a) From Process		
(b) From Pollution control facilities	1) ETP SLUDGE	6.0 MT/YEAR
		20.7 MT/YEAR

PART: E

Solid Wastes

	Total Quantity (kg.)	
	During the previous Financial year. (APRIL - 16 TO MARCH - 17)	During the current Financial year. (APRIL - 17 TO MARCH - 18)
(a) From Process		
	1) LUBRICATING OIL	300 LIT/YEAR
	2) POLYMER WASTE	459.451 MT/YEAR
	3) CHIP WASTE	71.086 MT/YEAR
	4) POY WASTE	
	5) FDY WASTE	1962.0 MT/YEAR
	6) NYLON WASTE	108.29 MT/YEAR
(b) From Pollution Control facilities (ETP)	1) CATALYST DRUM LOT	3276 NOS./YEAR
	2) PP LINER LOT	30830 KG/YEAR
(c) Quantity recycled or re-utilized	3) SWEEPING PTA WASTE LOT	53.02 MT/YEAR
		48.96 MT/YEAR



ENVIRONMENT STATEMENT (FORM-V)

PART: F

Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.
ETP SLUDGE IS STORED IN HAZARDOUS WASTE STORAGE AREA HAVING IMPERVIOUS LAYER AND LEACHATE COLLECTION SYSTEM AND FINALLY DISPOSED TO M/s. BEIL. DISCARDED CONTAINER, POLYMER WASTE, CHIP WASTE, PO WASTE, SWEEPING PTA WASTE LOT IS STORED IN SEPARATE IDENTIFIED AREA AND SELLING TO ACTUAL END USERS.

PART: G

Impact of the pollution control measures on conservation of natural resources and consequently on the cost of production.

- ❖ CAPITAL COST OF TREATMENT UNIT = Rs. 70,12,500/-
- ❖ COST OF MONITORING AND CONSULTANCY = Rs. 4,00,000/-
- ❖ OPERATION AND MAINTENEACE COST

ELECTRICITY = Rs. 79,45,000/-

CHEMICAL = Rs. 10 /-

PART: H

Additional investment proposal for environmental protection including abatement of pollution.

NIL

PART: I

Miscellaneous

Any other particulates in respect of environmental protection and abatement of pollution

WE ARE TRYING TO MINIMISE THE POLLUTION FROM OUR UNIT TO THE LOWEST AS POSSIBLE.

Signature :

Name: **YOGESH C. PAPAIIYA**

Designation: **EXECUTIVE**

Date: **19/06/2018**

Submitted to

Member Secretary

Gujarat Pollution Control Board,

Sector: 10-A,

Gandhinagar 382 043

From: **M/s. GARDEN SILK MILLS LTD.**

(CP DIVISION - JOLWA)

VILL.: JOLWA, TAL.: PALSANA,

DTST : SURAT

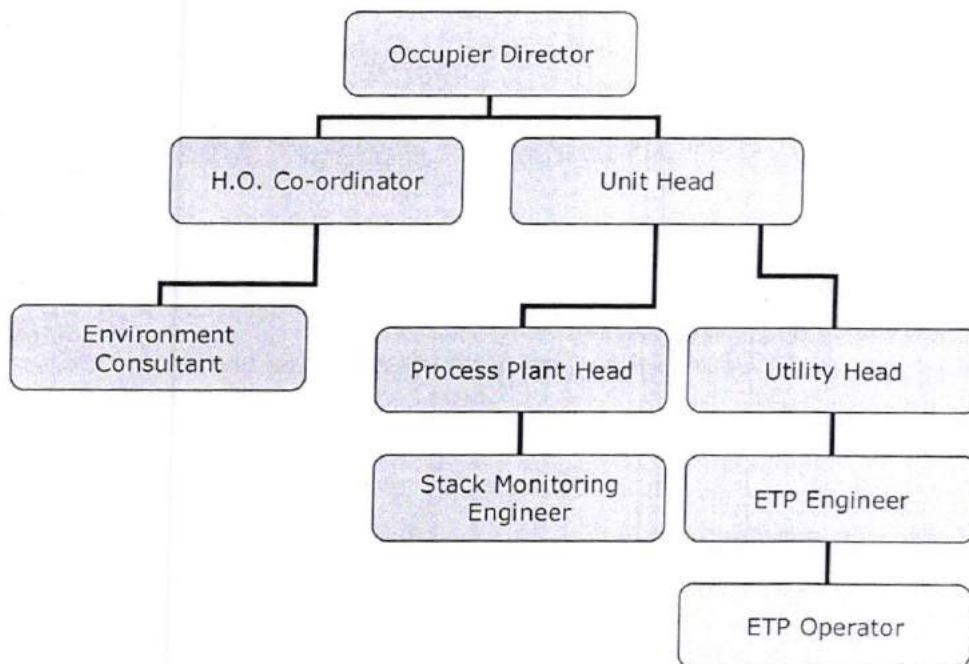


POLICY FOR CORPORATE ENVIRONMENT RESPONSIBILITY

Garden Silk Mills limited is a long time established Corporate Entity in the premier Textile Manufacturing Hub of Gujarat i.e. Surat. It has got a long history of association with the city and its local population.

It undertakes socially responsible work on its own and works closely with the Gram Panchayats to cater to the social and infra-structural needs of the surrounding populace. The two villages nearby its location of the factories, i.e. Jolwa and Vareli have benefited by means of Employment, Social infra-structure and Environment Protective Activities of Garden Silk Mills Limited.

The following policy of Corporate Environment Responsibility has been formulated by Senior Management and is reflective of the Eco-sensitiveness owned by the Company.

I. Hierarchical Authority of Environment Management Committee.

ANNEXURE – XIII (Cont.)

II. STANDARD OPERATING PROCEDURE - EMP :

1. Every Environment Clearance (EC) and Consent should be discussed by the H.O. and Plant team immediately after issual of the same. Environment Consultant will participate in all such meetings. At the end of each meeting, the salient bullet points are to be brought to the notice of Unit Head and the Occupier Director.
2. All Capital and Revenue Expenses arising out of Environment Compliance will be budgeted by the Plant and vetted by the Environment Management Committee for final approval of Unit Head and the Occupier Director.
3. Test Results of Effluent Treatment Plants and Stack Emissions against various norms stipulated by EC and Consent shall be escalated by Utility Head to the Environment Consultant at pre-determined period.
4. Any departure from the norms as stipulated by Central and State Environment Bodies shall be escalated to the Committee, the Unit Head and the Occupier Director. All rectification actions shall be taken within fixed time limits after consensus within the body.
5. In any case, the Environment Management Committee will meet at regular intervals, which shall not be more than two months.
6. For all visits by Government Officials, it is the duty of the Plant to ensure that all inspections and checks go on smoothly. All the members of the Committee including H.O. members shall get involved in such inspections. Any points arising out of the inspections have to be informed to the Unit Head and closed within a fixed time limit.
7. It is the duty of the H.O. Co-ordinator and members of the Committee to ensure that Legal and Statutory Compliances are regularly done. Any departure should be brought to the notice of the Unit Head and the Occupier Director.



Issue Date: January 1, 2013
File Name: CER-1

CERTIFICATE OF OCCUPATIONAL HEALTH SURVEILLANCE

SAI INDUSTRIAL HEALTH SERVICES



Dr. B. G. DODIA

M.B.B.S., C.I.H.
Reg. No. G 8571



SENIOR INDUSTRIAL HEALTH CONSULTANT

DATE : - -201
June 19, 2018

TO WHOM SO EVER IT MAY CONCERN

This is to certify that, we had examined 1562 employees of M/s Garden Silk Mills Ltd., CP Division, Surat for the year 2018 – 2019.

No Occupational Disease was detected for the above strength of employees, for other non-occupational illness employees were advised as per requirement.

For Sai Industrial Health Services

Dr. B. G. Dodia
MBBS, CIH
Sr. Industrial Health Consultant
Sai Industrial Health Services
Reg No.: G8571

B. G. Dodia

Dr. B. G. DODIA
Regd. No. G-8571 M.B.B.S., C.I.H.
INDUSTRIAL HEALTH CONSULTANT

**RESIDENCE : 904, SHUBH LAXMI HEIGHTS,
NEAR ADAJAN FIRE STATION, Opp. STAR BAZAR, ADAJAN, SURAT.
MOBILE : 97265 19999, 98251 41857**



CSR PROJECT AND ITS DETAILSCSR between 2017-2018

CSR Expenses - Garden Silk Mills Ltd			
PERIOD	ACCOUNT_DESC	DESCRIPTION	AMOUNT
Aug-17	CSR Exps - Education Promotion	AS PER MEMO TOWARDS INDENPENDENCE DAY SCHOOL UNIFORM&SCHOOL BAG FREE DISTRIBUTION	30,000.00
Nov-17	CSR Exps - Computers	Computer donated for social purpose	50,100.00
Feb-18	CSR Exps - Education Promotion	PAYMENT TOWARDS TRIBAL SHISKHASAN DEVLOPMNT TO JOLWA GRAM PANCHAYAT	11,000.00
			91,100.00



CA CERTIFICATE FINANCIAL CLOSURE



Bipin J. Modi
B. Com, FCA, DISA
Alok A. Gandhi
M.Com, ACA

Bipinchandra J. Modi & Co.

Chartered Accountants
B.No. 18/A, Prakash Co-Op.Hsg.Society
B/h Intelligent Guidance Classes
Athwalines, Surat 395 001
Phone :- 2665349
Mobile : 9376822354/9099001224
Email : bjmodi@gmail.com
PAN : AAHFB2203M
STC No.: AAHFB2203MST001

CERTIFICATE

We refer to the Company's Expansion projects envisaging capacity expansion in 21 M.W. Coal Based Captive Power Plant, covered under EC F. No. J-11011/624/2010-IA 11 (I) Dated 10/05/2013.

The total project cost was Rs.75 Crores, which was financed by IDBI Bank's Term Loan of Rs.56.25 Crores and Internal Accruals of Rs.18.75 Crores.

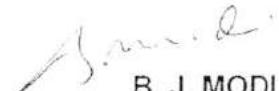
The total expenditure incurred towards this project was Rs.78.04 Crores and the Term Loan availed from IDBI Bank was Rs.56.25 Crores and the balance amount of Rs.21.79 was brought from Internal Cash Accruals.

The projects have already commenced production.

The above have been verified on the basis of information and explanation given to us from the books of accounts maintained by the Company and found the same to be correct.

For BIPINCHANDRA J. MODI & CO.
Chartered Accountants,

Place : Surat
Date: 31st March, 2013


B. J. MODI
Partner
M. No. : 31687

