GARDEN SILK MILLS LIMITED

DC / GSML / EC 19-20 / 01

April 16, 2019
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 PRODUCTIONPLANT AND POWER PLANT AT SURAT BY GARDEN SILK MILLS LIMITED FORTHE TERM OCTOBER 2018 TO MARCH 2019.

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 letters dated 07/04/2008, 10/06/2009 and 10/05/2013, we hereby enclose Six Monthly Compliance Reports (OCTOBER 2018 TO MARCH 2019) of Environmental Clearance issued to us.

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

Thanking you,

Yours faithfully,
For Garden Silk Mills Limited
C.P. Division - GPCB ID : 20700

GARDEN SILK MILLS LTD. SURAT

Authorized Signatory

Encl : As above.

C.C. To :

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

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

OCTOBER 2018- MARCH 2019

<table>
<tr><th>S. NO.</th><th>CONDITIONS</th><th>REMARKS</th></tr>
<tr><td>1</td><td>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 m^2 and has proposed additional green belt in 4,500 m^2. 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:
<table>
<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>
<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>
</table></td><td>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()/ ID_20700/102858, dated 25th January 2012.
CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/ 120135 dated 1st Aug 2012.
CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated 3rd May 2014.
Annexure - I - Copy of last valid consent.
Production details are as Annexure II.</td></tr>
<tr><td>3</td><td>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.</td><td>The water requirement & waste water generation is withinpermissiblelimits.
Treated effluent is discharged into the Kadodara Khadi through a closed RCC pipeline of 1.7 km.</td></tr>
<tr><td>4</td><td>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.</td><td>--</td></tr>
<tr><td>5</td><td>The Ministry of Environment and Forest hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 subject to compliance of the following specific and general conditions.</td><td>--</td></tr>
<tr><td>A.</td><td>SPECIFIC CONDITIONS</td><td></td></tr>
<tr><td>i)</td><td>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.</td><td>In our premises full-fledged ETP was installed to bring GPCB prescribed norms. Analysis report are enclosed as Refer Annexure III</td></tr>
<tr><td>ii)</td><td>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.</td><td>Bioassay analysis report of test are enclosed as Refer Annexure III</td></tr>
<tr><td>iii)</td><td>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.</td><td>The water requirement & waste water generation is within permissible limits. Consumption and generation are enclosed in Annexure IV.</td></tr>
<tr><td>iv)</td><td>The company shall obtain for drawl of ground water from</td><td>We use water from existing</td></tr>
</table>

	the Central Ground Water Authority/Central Ground Water Board and copy shall be submitted to the Ministry's Regional Office.	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 **AnnexureVI**
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 are provided with Stack. Monitoring results are attached as **AnnexureVI**
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 28000sq.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 enclosedin**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	Adequate stack height

	as per the Central Pollution Control Board guidelines shall be provided.	hasbeen provided. Stack analysis results are enclosed in **Annexure VI**
vi	The company shall undertake following Waste Minimization measures;- • 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 3rd 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 enclosedas**Annexure IX**
viii	The overall Noise levels inand around the plant area, shall be kept well within the standards (85 dBA) byproviding 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**AnnexureXI**
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 are 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. Fundso 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 forrainwater 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 he 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	The conditions are complied and accordingly report

	bound manner shall implement these conditions.	issubmitted.
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

OCTOBER 2018- MARCH 2019

<table>
<tr><th>S. NO.</th><th>CONDITIONS</th><th>REMARKS</th></tr>
<tr><td>1</td><td>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:
<table>
<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>
<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>
</table></td><td>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 25th January 2012.
CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/ 120135 dated 1st Aug 2012.
CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated 3rd May 2014.
Annexure - I - Copy of last valid consent.
Production details are as Annexure II.</td></tr>
<tr><td>2</td><td>All the specific and general conditions stipulated in environmental clearance order dated April 7, 2008 shall remain the same.</td><td>--</td></tr>
<tr><td>3</td><td>This letter shall be kept attached with the original clearance letter</td><td>--</td></tr>
</table>

COMPLIANCE OF ENVIRONMENTAL CLEARANCE CORRIGENDUM MINISTRY'S NO.: F. No. J-11011/1048/2007-IA-II (I), (VIDE DATED: 12/03/09)
OCTOBER 2018 –MARCH 2019

S. NO.	CONDITIONS	REMARKS
	Your letter no.: nil dated: 23rd September, 2008 requesting for change in fuel in heaters from gas/FO based to coal based heaters and subsequent communication vide your letter dated: 11th 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 89th meeting of the Expert Appraisal Committee (industry) Meeting held during 22nd and 23rd 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 boilerhas 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-l 101 l/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
OCTOBER 2018 –MARCH 2019

S. NO.	CONDITIONS	REMARKS
2.	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.	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 25th January 2012. CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/ 120135 dated 1st Aug 2012. CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated 3rd May 2014. **Annexure - I** - Copy of last valid consent. Production details are as **Annexure II.**
3.	It is noted that the water requirement will increase from 7,153 m^3/d to 8,828 m^3/d which will be sourced from the ground water source. The waste water generation will be 3,523.8 m^3/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.	Water is being used from existing bore wells as well as from canal. The final treated effluent is sent to Kadodara Khadi as per prescribed norms of GPCB. Analysis report for raw and treated effluent andETP sludgeis enclosed as**Annexure III.**
4.	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 288-360 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.	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 25th January 2012. CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/

S. NO.	CONDITIONS	REMARKS
		120135 dated 1st Aug 2012. CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated 3rd 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 herewith 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 "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.	--
8.	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.	--
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 also be obtained. The company shall construct a guard pond for treated effluent and shall carry out the bioassay test by collecting the treated	To bring GPCB prescribed norm Full-fledged ETP are installed in our premises. A guard pond has been already constructedfor

S. NO.	CONDITIONS	REMARKS
	effluent into the guard pond before discharging into Khadi. The reports shall be submitted to CPCB and Ministry's Regional Office at Bhopal.	treated effluent. Analysis report by third party is enclosed as **Refer Annexure III**
ii)	The water consumption shall not exceed 8,828 m^3/d and waste water generation shall not exceed 3,523 m^3/d. The company shall install the waste water monitoring facility and records shall be maintained.	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 **AnnexureIV**
iii)	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.	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 CGWAenclosed in **AnnexureV.** Monitoring and analysis report of water quality in study area**Annexure X.**
iv)	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 SO_2 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, CPCB and Ministry's Regional Office at Bhopal.	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.**
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, SO2, NOx (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 confirm 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 **AnnexureVIII**

S. NO.	CONDITIONS	REMARKS
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 stipulations made by 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 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 25th January 2012. CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/ 120135 dated 1st Aug 2012. CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated 3rd 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

S. NO.	CONDITIONS	REMARKS
		put out of operation.
iv)	The gaseous emissions (NOx, SO2 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 SO2, NOx and SPM shall be carried.	Stack Monitoring results reports enclosed in **Annexure VI**
v)	The gaseous emissions (NOx, SO2 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 be restarted until the control measures are rectified to achieve the desired efficiency. Stack monitoring for SO2, NOx and SPM shall be carried.	We have provided adequate stack height to control process emission. Stack monitoring details as **Annexure VI**
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 activates 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 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	Regularlywe send

S. NO.	CONDITIONS	REMARKS
	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.	compliance status to concern authorities.
xiv)	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ 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 newspaper**"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 - 5th 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

OCTOBER 2018- MARCH 2019

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 $S0_2$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
	i. To control the $S0_2$ 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 **AnnexureVIII**
	iii. Data on ambient air, stack and fugitive emissions shall be regularly submitted online to Ministry's Regional office at Bhopal, SPCB and Central	Display board is placed visible to general public Refer **Annexure VI,VII**

S. NO.	CONDITIONS		REMARKS
		Pollution Control Board as well as hard copy once in six months and display data on PM_{10}, SO_2 and NOx outside the premises at the appropriate place for the general public.	and**X**
	iv.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009 shall be followed.	Refer **AnnexureVII**
	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 to concern authority on regular basis.
	vi.	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 alongwith 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 **AnnexureXII**
	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 **AnnexureXIII**
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 environmental clearance.		Noted
	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
OCTOBER 2018 –MARCH 2019

<table>
<tr><th>S. NO.</th><th>CONDITIONS</th><th>REMARKS</th></tr>
<tr><td>1</td><td>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.</td><td>--</td></tr>
<tr><td>2</td><td>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</td><td>--</td></tr>
<tr><td>3</td><td>The existing and the proposed configuration are given below:
<table>
<tr><th>S. No</th><th>Name of Products</th><th>Existing (MTPA)</th><th>Proposed (MTPA)</th><th>Total (MTPA)</th></tr>
<tr><td>1.</td><td>Polyester Chips</td><td>3,33,524</td><td>--</td><td>3,33,524</td></tr>
<tr><td>2.</td><td>Polyester Filament Yarn (PFY)</td><td>--</td><td>--</td><td>--</td></tr>
<tr><td>a.</td><td>Partially Oriented Yarn (POY)</td><td>2,28,192</td><td>--</td><td>2,28,192</td></tr>
<tr><td>b.</td><td>Fully Drawn Yarn (FDY)</td><td>97,484</td><td>--</td><td>97,484</td></tr>
<tr><td>3.</td><td>Poly Staple Fiber (PSF)</td><td>--</td><td>1,08,000</td><td>1,08,000</td></tr>
<tr><td colspan="2">Total (TPA)</td><td>6,59,200</td><td>1,08,000</td><td>7,67,200</td></tr>
<tr><td>4.</td><td>By-Products</td><td></td><td></td><td></td></tr>
<tr><td>a.</td><td>Degraded Polymer (Oligomer)</td><td>39</td><td>10</td><td>49</td></tr>
<tr><td>5.</td><td colspan="4">Electric Power</td></tr>
<tr><td>a.</td><td>N. G. Based Captive Power Plant</td><td></td><td></td><td></td></tr>
<tr><td></td><td>i. Phase - I & II (MW)</td><td>13.49 (2 X 6.745)</td><td>--</td><td>13.49 (2X 6.745)</td></tr>
<tr><td></td><td>ii. Phase-III (MW)</td><td>8.4</td><td>--</td><td>8.4</td></tr>
<tr><td>6.</td><td>Coal Based Captive Power Plant</td><td>18</td><td>21</td><td>39 MW</td></tr>
</table></td><td>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 PSFvide 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 25th January 2012.
CC&A Amendment for Product Mix was obtained vide GPCB letter no. CCA-SRT-863(5)/ ID_20700/ 120135 dated 1st Aug 2012.
CC&A amendment for 21 MW power plant vide letter no GPCB/CCA-SRT-863(7)/ ID_20700/212045 dated 3rd May 2014.
Annexure - I- Copy of last valid consent.
Production details are as Annexure II.</td></tr>
<tr><td>4</td><td>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.</td><td>Power generation details are shown in Annexure II</td></tr>
<tr><td>5</td><td>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</td><td>ESP is attached to stack of Power plant. Regular preventive maintenance of ESP is carried out o avoid major beak done. Green</td></tr>
</table>

S. NO.	CONDITIONS	REMARKS
	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.	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 **annexureV**.
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 4th meeting held during 8-9th 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:**	
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 **AnnexureVII**
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 polystaplefibre unit shall be used for green belt development.	Details of characteristics of raw effluent and treated effluent is shown in **Annexure III**

S. NO.	CONDITIONS	REMARKS
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 Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.	CSR activity carried out for the last year is shownin **Annexure XV**
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 16thNovember, 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, S02 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 19th May, 1993 and 31st 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 sludgeis enclosedas **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	Noise monitoring within premises at different location was carried out and results are shown

S. NO.	CONDITIONS	REMARKS
	ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	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.
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, S02, 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 the respective Regional Office of the MOEF	Form V is shown in **AnnexureXII**

S. NO.	CONDITIONS	REMARKS
	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
Annexure I	Copy of last valid CC&A and CTE
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
Annexure IX	Membership certificate with BEIL, Ankleshwar
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
Annexure XIV	Certificate of Occupational Health Surveillance
Annexure XV	CSR project and its details
Annexure XVI	CA certificate financial closure

ANNEXURE – I

COPY OF LAST VALID CONSENT

GPCB

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. AH-84101)

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

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.

1. This order shall be read as CCA-Amendment Order No. **AH-84101** date of issued **10/02/2017**valid up to **31/12/2020.**
2. The condition No-2 of the said CCA order is amended as below

2. 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

6.	Electric Power			
	N. G. based Captive Power Plant i) Phase – 1& 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:- AWH-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(99 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	40^0 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 20^0C)	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
Hexavelent 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.

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

27/2/2017

(Smt. U. K. Upadhyay)
Environmental Engineer

GPCB

GUJARAT POLLUTION CONTROL BOARD

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

"Consent to Establish"
(CTE-77971)

BY R.P.A.D.

NO : GPCB/CCA-SRT-863(7)ID_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. 98257 received Dated . 28/08/2015 .

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	-7,695.2 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 Filement 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
6.	Electric Power			
	N. G. based Captive Power Plant i) Phese – 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. **The validity of this order will be up to five years i.e.5/4/2021.**
2. **There shall be no increase in pollution load as per undertaking dated:- 22/03/2016.**

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
Ammonical 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 Khadi 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.

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 this 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

ANNEXURE - II

PRODUCTION DETAILS FOR LAST SIX MONTHS:-

S.No.	PRODUCT	NAMEOFTHEMONTH					
		Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	Mar-2019
1.	Polyester Chips(MT)	18472.01	11786.10	19272.09	19786.85	14386.74	19561.055
2.	POY(MT)	6004.32	1202.95	7437.05	8569.36	7811	8572.82
3.	FDY(MT)	2895.05	732.70	3215.98	3695.34	3597.16	4092.56
4	NYLON (MT)	305.07	53.30	151.27	250.62	118.46	271.84
5.	CPP (MW) (Power generation)	25197.00	8744.00	24257.00	27586.00	25293.00	27859.00

ANNEXURE - III

ANALYSIS REPORT OF INLET AND OUTLET OF ETP:-

S. No.	Parameter	Unit	Limit (Outlet)	Results for Month: October 2018					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date	Date	Date	Date	Date	Date
				19.10.2018	19.10.2018	19.10.2018	19.10.2018	15.10.2018	15.10.2018
1	pH	pH Unit	6.5 - 8.5	6.19	6.68	5.06	6.89	7.58	7.64
2	Temperature	^{0} C	40	30.0	30.0	30.0	30.0	29.0	29.0
3	Color	Pt. Co Scale	100	80.0	75.0	75.0	60.0	60.0	50.0
4	Total Suspended Solids	mg / l	100	80.0	62.0	52.0	48.0	65.0	42.0
5	Total Dissolved Solids	mg / l	2100	2640	2034	2224	2068	3906	2010
6	Biochemical Oxygen Demand for 3 days at 27^{0}C	mg / l	30	45.0	27.0	240	15.0	24.0	15.0
7	Chemical Oxygen Demand	mg / l	100	176	96.0	800	48.0	80.0	48.0
8	Oil & Grease	mg / l	10	-	BDL	-	BDL	-	BDL
9	Ammonical Nitrogen	mg / l	50	-	BDL	-	BDL	-	BDL
10	Phenolic Compounds	mg / l	1.0	-	BDL	-	BDL	-	BDL
11	Chlorides (as Cl^-)	mg / l	600	979.69	579.82	869.73	559.82	1449.55	569.82
12	Sulphate (as SO_4^-)	mg / l	1000	280	300	220	242	460	520
13	Sulphide (as S^-)	mg / l	02	-	ND	-	ND	-	ND
14	Hexavalent Chromium	mg / l	0.1	-	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: November 2018					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date	Date	Date	Date	Date	Date
				22.11.2018	22.11.2018	22.11.2018	22.11.2018	20.11.2018	20.11.2018
1	pH	pH Unit	6.5 - 8.5	7.23	7.70	6.60	7.51	6.84	7.02
2	Temperature	^{0} C	40	30.0	30.0	30.0	30.0	28.0	28.0
3	Color	Pt. Co Scale	100	80.0	60.0	75.0	60.0	80.0	60.0
4	Total Suspended Solids	mg / l	100	64.0	52.0	68.0	50.0	42.0	40.0
5	Total Dissolved Solids	mg / l	2100	2892	1988	2064	2012	2848	2010
6	Biochemical Oxygen Demand for 3 days at 27^0C	mg / l	30	24.0	15.0	450	18.0	24.0	15.0
7	Chemical Oxygen Demand	mg / l	100	80.0	48.0	1520	64.0	80.0	48.0
8	Oil & Grease	mg / l	10		BDL		BDL		BDL
9	Ammonical Nitrogen	mg / l	50		BDL		BDL		BDL
10	Phenolic Compounds	mg / l	1.0		BDL		BDL		BDL
11	Chlorides (as Cl^-)	mg / l	600	1199.62	579.82	849.73	589.81	829.74	579.82
12	Sulphate (as SO_4^-)	mg / l	1000	340	310	170	260	278	310
13	Sulphide (as S^-)	mg / l	02		ND		ND		ND
14	Hexavalent Chromium	mg / l	0.1		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: December 2018					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date	Date	Date	Date	Date	Date
				26.12.2018	26.12.2018	26.12.2018	26.12.2018	10.12.2018	10.12.2018
1	pH	pH Unit	6.5 - 8.5	6.36	6.80	6.16	6.25	7.78	7.47
2	Temperature	^{0} C	40	30.0	30.0	30.0	30.0	30.0	30.0
3	Color	Pt. Co Scale	100	100	80.0	60.0	50.0	75.0	60.0
4	Total Suspended Solids	mg / l	100	72.0	64.0	52.0	48.0	45.0	40.0
5	Total Dissolved Solids	mg / l	2100	1772	1854	1662	1268	4958	2048
6	Biochemical Oxygen Demand for 3 days at 27^0C	mg / l	30	120	27.0	870	27.0	870	27.0
7	Chemical Oxygen Demand	mg / l	100	400	96.0	2928	96.0	2880	96.0
8	Oil & Grease	mg / l	10	-	BDL	-	BDL	-	BDL
9	Ammonical Nitrogen	mg / l	50	-	BDL	-	BDL	-	BDL
10	Phenolic Compounds	mg / l	1.0	-	BDL	-	BDL	-	BDL
11	Chlorides (as Cl^-)	mg / l	600	679.78	679.78	569.82	589.81	2299.28	579.82
12	Sulphate (as SO_4^-)	mg / l	1000	230	250	220	170	424	496
13	Sulphide (as S^-)	mg / l	02	-	ND	-	ND	-	ND
14	Hexavalent Chromium	mg / l	0.1	-	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: January 2019					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date	Date	Date	Date	Date	Date
				28.01.2019	28.01.2019	28.01.2019	28.01.2019	04.01.2019	04.01.2019
1	pH	pH Unit	6.5 - 8.5	7.27	7.82	8.94	7.85	7.98	8.21
2	Temperature	^{0} C	40	30.0	30.0	30.0	30.0	30.0	30.0
3	Color	Pt. Co Scale	100	75.0	60.0	75.0	50.0	75.0	50.0
4	Total Suspended Solids	mg / l	100	64.0	52.0	46.0	36.0	42.0	38.0
5	Total Dissolved Solids	mg / l	2100	3002	1980	2244	2012	7156	2040
6	Biochemical Oxygen Demand for 3 days at 27^{0}C	mg / l	30	270	21.0	1080	27.0	24.0	15.0
7	Chemical Oxygen Demand	mg / l	100	880	64.0	3616	96.0	80.0	48.0
8	Oil & Grease	mg / l	10	-	BDL	-	BDL	-	BDL
9	Ammonical Nitrogen	mg / l	50	-	BDL	-	BDL	-	BDL
10	Phenolic Compounds	mg / l	1.0	-	BDL	-	BDL	-	BDL
11	Chlorides (as Cl^-)	mg / l	600	1319.5	579.82	869.7	589.81	3698.55	579.82
12	Sulphate (as SO_4^-)	mg / l	1000	400	380	285	280	920	690
13	Sulphide (as S^-)	mg / l	02	-	ND	-	ND	-	ND
14	Hexavalent Chromium	mg / l	0.1	-	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: February 2019					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date	Date	Date	Date	Date	Date
				19.02.2019	19.02.2019	19.02.2019	19.02.2019	12.02.2019	12.02.2019
1	pH	pH Unit	6.5 - 8.5	6.74	7.67	7.02	7.17	7.48	6.96
2	Temperature	^{0} C	40	29.0	29.0	29.0	29.0	28.0	28.0
3	Color	Pt. Co Scale	100	120	80.0	75.0	80.0	80.0	80.0
4	Total Suspended Solids	mg / l	100	132	80.0	70.0	82.0	84.0	80.0
5	Total Dissolved Solids	mg / l	2100	3504	2046	2176	2064	3700	1980
6	Biochemical Oxygen Demand for 3 days at 27^{0}C	mg / l	30	180	27.0	810	24.0	210	27.0
7	Chemical Oxygen Demand	mg / l	100	608	96.0	2688	88.0	672	96.0
8	Oil & Grease	mg / l	10		BDL		BDL		BDL
9	Ammonical Nitrogen	mg / l	50		BDL		BDL		BDL
10	Phenolic Compounds	mg / l	1.0		BDL		BDL		BDL
11	Chlorides (as Cl^-)	mg / l	600	1529.52	589.82	1009.68	579.81	999.69	579.84
12	Sulphate (as SO_4^-)	mg / l	1000	460	340	290	410	610	820
13	Sulphide (as S^-)	mg / l	02		ND		ND		ND
14	Hexavalent Chromium	mg / l	0.1		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: March 2019					
				ETP 1		ETP 2		ETP CPP	
				Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
				Date	Date	Date	Date	Date	Date
				25.03.2019	25.03.2019	25.03.2019	25.03.2019	05.03.2019	05.03.2019
1	pH	pH Unit	6.5 - 8.5	6.50	7.55	7.38	7.30	7.20	7.74
2	Temperature	^{0} C	40	32.0	32.0	32.0	32.0	28.0	28.0
3	Color	Pt. Co Scale	100	120	75.0	80.0	90.0	100	75.0
4	Total Suspended Solids	mg / l	100	128	76.0	72.0	92.0	88.0	64.0
5	Total Dissolved Solids	mg / l	2100	1692	1546	2080	1920	3334	2010
6	Biochemical Oxygen Demand for 3 days at 27^{0}C	mg / l	30	255	18.0	1350	27.0	30.0	24.0
7	Chemical Oxygen Demand	mg / l	100	848	64.0	4432	96.0	112	80.0
8	Oil & Grease	mg / l	10		BDL		BDL		BDL
9	Ammonical Nitrogen	mg / l	50		BDL		BDL		BDL
10	Phenolic Compounds	mg / l	1.0		BDL		BDL		BDL
11	Chlorides (as Cl^-)	mg / l	600	549.82	569.82	899.72	579.82	1429.55	579.82
12	Sulphate (as SO_4^-)	mg / l	1000	225	206	280	310	380	360
13	Sulphide (as S^-)	mg / l	02		ND		ND		ND
14	Hexavalent Chromium	mg / l	0.1		ND		ND		ND

ND- Not Detectable

ANNEXURE - III (Cont.)

ANALYSIS REPORT OF (FISH POND)

S. No.	Parameter	Unit	Limit (Outlet)	Results					
				October. 19/10/2018	November 22.11.2018	December 26.12.2018	January 28.01.2019	February1 9.02.2019	March 25.03.2019
1	pH	pH Unit	6.5 - 8.5	7.12	7.46	6.65	8.25	7.71	7.35
2	Temperature	^{0} C	40	30.0	30.0	30.0	30.0	29.0	32.0
3	Color	Pt. Co Scale	100	60.0	50.0	40.0	40.0	75.0	75.0
4	Total Suspended Solids	mg/L	100	42.0	40.0	38.0	48.0	72.0	60.0
5	Total Dissolved Solids	mg/L	2100	2050	2048	2024	2036	2052	2040
6	Biochemical Oxygen Demand for 3 days at 27^{0}C	mg/L	30	27.0	15.0	15.0	88.0	27.0	27.0
7	Chemical Oxygen Demand	mg/L	100	96.0	48.0	48.0	24.0	96.0	96.0
8	Oil & Grease	mg/L	10	BDL	BDL	BDL	BDL	BDL	BDL
9	Ammonical Nitrogen	mg/L	50	5.04	BDL	BDL	BDL	BDL	BDL
10	Phenolic Compounds	mg/L	1.0	BDL	BDL	BDL	BDL	BDL	BDL
11	Chlorides (as Cl^-)	mg/L	600	579.82	569.82	589.81	569.82	569.64	579.82
12	Sulphate (as SO_4^-)	mg/L	1000	340	300	316	510	600	610
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	NAMEOFTHEMONTH(AvgM^3/Month)					
	Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	Mar-2019
Waterconsumption						
Production(CP) KL	105591	108550	76480	145299	97663	94599
PowerplantKL	99995	37072	100274	101102	91317	100892
Wastewatergeneration						
Production(CP) KL	17158	14128	15240	15275	13320	13894
PowerplantKL	22862	11816	23573	23535	21258	23540

ANNEXURE- V

ANNEXURE V

ગાર્ડન સિલ્ક મીલ્સ લિમિટેડ, જોળવા,તા.પલસાણા,જિ.સુરતને ચલથાણ ખાંચની આરડી ૬૨.૩૫ પરથી પાણી ઉપાડવાની તેમજ નહેરની સંપાદિત જમીનમાં નહેરને સમાંતર પાઈપલાઈન પસાર કરવાની સૈદ્ધાંતિક પરવાનગી આપવા બાબત.

પહોંચ	18 DEC 2010
નંબર	૧૪૯૨
મા. મં.	
ક. મા.	૧૫/૧૨
અ. મ.	
જવાબ	

૧૩૨૬
૨૮/૧૦/૧૦

ગુજરાત સરકાર
નર્મદા,જળસંપત્તિ,પાણી પુરવઠા અને કલ્પસર વિભાગ,
ઠરાવ ક્રમાંક:ડબલ્યુટીઆર/૨૦૧૦/૧૧/પી
સચિવાલય, ગાંધીનગર
તા.૨૪/૧૨/૨૦૧૦

વંચાણે લીધાં:-

(૧) અધીક્ષક ઇજનેરશ્રી,સુરત સિંચાઇ વર્તુળ,સુરતના પત્રો ક્રમાંક:
(અ) સુસિંવ/પીબી-૨/ડબલ્યુટીઆર/ગાર્ડન સિલ્ક મિલ્સ/૪૭૮/૨૮૯૫,તા. ૫/૫/૨૦૧૦.
(બ) સુસિંવ/પીબી-૨/ડબલ્યુટીઆર/ગાર્ડન સિલ્ક/૧૦૪૪/૬૬૩૭,તા. ૨૮/૧૦/૨૦૧૦.

(૨) ગાર્ડન સિલ્ક મીલ્સ લિમિટેડનો કાર્યપાલક ઇજનેરશ્રી, સુરત નહેર વિભાગ, સુરતને સંબોધીને લખેલ તા.૨૨/૧૦/૨૦૦૯નો પત્ર.

ઠરાવ:

સુરત સિંચાઇ વર્તુળ હસ્તકના કાર્યપાલક ઇજનેરશ્રી, સુરત નહેર વિભાગના કાર્યક્ષેત્રમાં ગાર્ડન સિલ્ક મીલ્સ લિમિટેડએ તેમની કંપનીના સુરત જિલ્લાના મોજે: જોળવા, તા.પલસાણા,જિ સુરત ખાતેના બ્લોક નં:૨૦૨,૧૯૬ પર આવેલ તેમના પ્લાન્ટ પાસેથી પસાર થતી ૧૨ આર સબ માઈનોર એક્ષ ચલથાણ ખાંચમાંથી પોલીએસ્ટર યાર્નના ઉત્પાદન અર્થે વાર્ષિક ૪૨૫૦૦૦ ઘન મીટર પાણી આપવા માટે સંદર્ભ (૨) સામેના પત્રથી માંગણી કરેલ. જે સંબંધે અધીક્ષક ઇજનેરશ્રી, સુરત સિંચાઇ વર્તુળ, સુરત એ સંદર્ભ (૧) સામે દર્શાવેલ પત્રોથી રજૂ કરેલ અભિપ્રાય અહેવાલમાં કંપનીના ઉક્ત સર્વે નંબરથી ૧૨૮૦ મીટર દૂર આવેલ ચલથાણ ખાંચની આરડી ૬૨.૩૫ પરથી દૈનિક ૧૪૩૮.૩૫ ઘનમીટર (૦.૩૧૬ એમ.જી.ડી) પાણી ઉપાડવાની પરવાનગી આપવા તેમજ તે પાણી ઉપાડવાના હેતુથી નહેરની સંપાદિત જમીનમાં નહેરને સમાંતર પાઈપલાઈન પસાર કરવાની પરવાનગી આપવા ભલામણ કરેલ.

ઉક્ત કંપનીએ કરેલ માંગણી સંબંધે અધીક્ષક ઇજનેરશ્રી, સુરત સિંચાઇ વર્તુળ, સુરત એ સંદર્ભ (૧) સામે દર્શાવેલ પત્રથી રજૂ કરેલ ભલામણ સહિતના અભિપ્રાય અહેવાલમાં દર્શાવેલ બાબતોને ધ્યાને લઈને, તે સંબંધે થયેલ વિચારણાને અંતે, ગાર્ડન સિલ્ક મીલ્સ લિમિટેડને કંપનીના ઉક્ત સર્વે નંબરથી ૧૨૮૦ મીટર દૂર આવેલ ચલથાણ ખાંચની આરડી ૬૨.૩૫ પરથી દૈનિક ૧૪૩૮.૩૫ ઘનમીટર (૦.૩૧૬ એમ.જી.ડી) પાણીનો જથ્થો કંપનીના સ્વખર્ચે ઉપાડવા માટે આ વિભાગના તા.૩/૨/૨૦૦૬ના ઠરાવ ક્રમાંક: ડબલ્યુટીઆર/ ૨૦૦૫/ ૪૧/પી ની શરતોને આધીન તેમજ અધીક્ષક ઇજનેરશ્રીના પત્રમાં દર્શાવેલ વિગતો/શરતોનું ચુસ્તપણે પાલન કરવાની શરતે સૈદ્ધાંતિક મંજૂરી આપવામાં આવે છે.

પાણી ઉપાડવાની આ સૈદ્ધાંતિક પરવાનગી સંબંધે વાસ્તવિક રીતે પાણી ઉપાડતાં પહેલાં નીચે દર્શાવેલ શરતોનું ચુસ્તરીતે પાલન કરવાનું રહેશે.

ANNEXURE – V (Cont.)

(૧) પાણી ઉપાડતાં પહેલાં માન્ય સંસ્થાનું વૉટરમીટર મુકવાનું રહેશે તેમજ તે વૉટરમીટરનું દર વર્ષે કેલીબ્રેશન કરાવી લેવાનું રહેશે અને તે બાબતે વિભાગીય કચેરી કક્ષાએ નિયમિત ખરાઇ કરી લેવાની રહેશે.

(૨) આ સાથે સામેલ કરારનામાના મુસદ્દામાં, નીચે દર્શાવેલ બાબતોને ધ્યાને લઇને ૩ દિન-૧૫માં સહીસિક્કા કરાવી લેવાના રહેશે.

૧. કરાર કરતી વખતે મુસદ્દામાંની ખાલી જગ્યાઓ તરત જ પૂરી લેવી.

૨. ઉક્ત કંપનીએ કરારનામા પર સહીસિક્કા કરવા માટે અધિકૃત કરેલ હોય તેવા અધિકૃત અને સક્ષમ અધિકારી સાથે જ સહીસિક્કા કરવાના રહેશે.

૩. અત્રેથી મંજૂર કરવામાં આવેલ કરારનામાના મુસદ્દામાં સરકારશ્રીની પૂર્વમંજૂરી વિના કોઇપણ સુધારા/વધારા/ફેરફાર કરવા નહિ.

૪. સહીસિક્કા થયેલ કરારનામાની એક નકલ અત્રે ચોકલથી અને પ્રમાણિત કરવું કે સહીસિક્કા થયેલ કરારનામું સરકારે મંજૂર કરેલ મુસદ્દા મુજબ જ છે.

૩. ચાર્ટન સિલ્ક મિલ્સ લિમિટેડને પાણી ઉપાડવાની ઉક્ત સૈદ્ધાંતિક પરવાનગી સંબંધે તે પાણી ઉપાડવાના હેતુથી જ ચલથાણ ખાંચ નહેરની ૧૨ આર સબ માઇનોરની સંપાદિત જમીનમાં આરડી ૪.૨ થી ૧૨૮૦ મીટરની લંબાઇમાં નહેરને સમાંતર ,કંપનીના સ્વખર્ચે પાઇપલાઇન પસાર કરવા નીચેની શરતોને આધીન સૈદ્ધાંતિક પરવાનગી આપવામાં આવે છે.

(૧) ગુજરાત જાહેર બાંધકામ નિયમ સંગ્રહમાં જણાવ્યા મુજબ તેમજ સરકારશ્રીના આ બાબતમાં વખતોવખતના પરિપત્રમાં જણાવેલ બાબતોને ધ્યાને રાખવાની રહેશે તેમજ પરિપત્ર ક્રમાંક: ડબલ્યુટીઆર/૧૦૯૭/૧૦૮૩/૨૨/પી, તા.૮/૪/૦૯ ની શરતોનું તેમજ સમયાંતરે પ્રસિદ્ધ થતી સૂચનાઓનું ચુસ્તપણે પાલન કરવાનું રહેશે.

(૨) નોટીફાઈડ થયેલ ન હોય તેવી નદીઓ માટે મહેસૂલ વિભાગનો સંપર્ક કરવાનો રહેશે. વિભાગ દ્વારા નોટીફાઈડ થયેલ ન હોય તેવી નદીઓના ક્રોસિંગ માટે અત્રેથી મંજૂરી આપી શકાય નહીં.

(૩) સંબંધિત અધીક્ષક ઇજનેરશ્રીએ પથરેખાની ચકાસણી કરીને વધ ઘટ ક્રોસિંગ માટે અલગ દરખાસ્ત કરવાની રહેશે.

(૪) સદર પાઇપ લાઇન ક્રોસિંગ થી હયાત યોજના કે સૂચિત યોજના કે નહેરને કોઈ વિપરીત અસર થતી નથી તે બાબતની સક્ષમ કક્ષાએ ખરાઇ કરાવી લેવાની રહેશે.

(૫) ક્રોસિંગ ફીઝ વિગતવાર પરવાનગી અધીક્ષક ઇજનેરશ્રીએ નિયત પત્રકમાં જાણવાની રહેશે. તથા પરવાનેદાર સાથે જરૂરી કરારનામું પણ નિયત ફી લઇને અલગથી કરવાનું રહેશે.

(૬) મધ્યસ્થ આલેખન તંત્રનો અભિપ્રાય મેળવવાનો રહેશે તેમજ મધ્યસ્થ આલેખન તંત્ર દ્વારા આપવામાં સૂચનો/ અભિપ્રાય ધ્યાને લઈ સલાહકીની તમામ જવાબદારી સંબંધિત એજન્સીની રહેશે.

(૭) અધીક્ષક ઇજનેરશ્રીની દરખાસ્તમાં દર્શાવેલ શરતોનું પાલન કરવાનું રહેશે.

(૮) સંબંધિત વિસ્તારમાં થનાર કોઇપણ વિકાસ કાર્ય સહિતના કામો સંબંધે કોઇપણ ક્રોસિંગનો રૂટ બદલવાની જરૂર જણાય ત્યારે, ઉક્ત કંપનીએ તેના ખર્ચે અને જોખમે વિના વિલંબે રૂટ બદલવાનો રહેશે, જે બાબતે સરકારશ્રીની કોઇપણ પ્રકારની જવાબદારી રહેશે નહીં. આ બાબતનો સ્પષ્ટ ઉલ્લેખ કરારનામામાં યોગ્ય રીતે કરવાનો રહેશે.

(૯) આ ક્રોસિંગના તમામ સ્થળે જ્યાં તે કંપનીએ તેમની કંપનીના નામ , પાઈપલાઈનના પ્રકાર, પદાર્થ, લંબાઈ ચારે રપષ્ટ ચિહ્નો દર્શાવતું બોર્ડ નડતરરૂપ ન બને તે રીતે લગાવવાનું રહેશે.

ગુજરાતના રાજ્યપાલના હુકમથી અને તેમના નામે,

(વી.એન.પટેલ)
ઉપસચિવ(જળસંપત્તિ)
નર્મદા,જ.સં.,પા.પુ. અને કલ્પસર વિભાગ

બિડાણ: ઉપર મુજબ

પ્રતિ,

✓ અધીક્ષક ઇજનેરશ્રી,
સુરત સિંચાઇ વર્તુળ,
અઠવા લાઇન્સ, સુરત.

નકલ રવાના: (જાણ અને જરૂરી કાર્યવાહી અર્થે)

- કાર્યપાલક ઇજનેરશ્રી,
  સુરત નહેર વિભાગ,
  સિંચાઇ ભવન, અઠવા લાઇન્સ, સુરત.
- ડીરેક્ટર, ગાર્ડન સિલ્ક મિલ્સ લિમિટેડ, સહારા ગેટ, સુરત.૩૯૫ ૦૧૦.
- સિલેક્ટ ફાઇલ.

Garden Silk Mills Limited, Jolwa, Taluka Palsana, District Surat Regarding permission in principle of parallel pipeline for lifting water besides the canal in the acquired land for canal from Chalthan Branck Ardi 62.35

GOVERNMENT OF GUJARAT
Narmada, Water, Water Quantity and Kalpasar Department
Resolution No. WTR/2010/11/P
Sachivalay, Gandhinagar
Date: 14.12.2010

1311/2010

Date 10 Dec 2010
No.:- 1972
A.E.
A.M.18/12
Branch: PB-2

Read:-
(1) Supertintendent Engineer, Surat Irrigation Circle, Surat Letter No. (a) SSV/PB/-2/WTR/Garden Silk Mills/438/2895 dt. 5.5.2010
(b) SSV/PB-2/WTR/Garden Silk/074/6677 dt. 28.10.2010
(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 525000 cubic meters of water per annum from 12 R Sub Minor Ex Chalthan Branch canal for production of Polyester Yarn through a letter (2) 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 1438.35 Cubic Meter (0.36M.G.D.) per day from Chalthan Branch Ardi 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 1438.35 Cubic Metres (0.316 M.G.D) daily from Chalthan Branch RD 62.35 about 1280 meters at their own expenses 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.

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

(2) Considering the following points the attached agreement is 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 priniciple for laying a parallel pipe line from 4.2 RD to 1280 meters parallel to the canal from Chalthan Branch Canal R 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/1097/1083/22/P dt.8.4.09 and the conditions that may be published then after.

(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 execute separate agreements for it by charging prescribed fee.

(6) Will have to obtain opinion of the Central Draft 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.

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
SD/-
V.N.Patel
Deputy Sachive (Water Resources)
Narmada W., W.W and Kalpasar Department

Enclosures . As above

To
Superintending Engineer
Surat Irrigation Circle
Athwalines Surat

Cc: (For information)
Executive Engineer
Surat Canal Division
Sinchai Bhavan,
Athwa Lines Surat

Director Garden Silk Mills Limited, Sahara Gate
Surat 395010
Select File

ANNEXURE – V (Cont.)

भारत सरकार
केन्द्रीय भूमि जल प्राधिकरण
जल संसाधन मंत्रालय

Government of India
Central Ground Water Authority
Ministry of Water Resources

Regional Director

CGWA/IND/Proj/2011-1145

No.21-4(875)/WCR/CGWA/2011- 1961

Dated :-
08 NOV 2011

To,

M/s Garden Silk Mills Ltd.
Garden Mills Compound,
Sahara Gate, Surat- 395010
Gujarat

Sub:- NOC for ground water withdrawal by M/s Garden Silk Mills Ltd., (CP Division – Jolwa) in respect of their proposed expansion of polyester chips and filament yarn production and setting up of captive power plant (phase IV), at village Jolwa, Plot No. 202-5, 225-7, 229, 230, 196, 197 & 124 A, Tehsil Palsana, District Surat, Gujarat – reg.

Sir,

Kindly refer to your letter dated 25.9.2009 on the above cited subject based on recommendations of Regional Director, Central Ground Water Board, West Central Region, Ahmedabad vide their office letter no. T/8(9)/WCR /CGWB/614- 1482 dated 8.08.11 and further deliberations on the subject, the NOC of Central Ground Water Authority is hereby accorded to **M/s Garden Silk Mills Ltd., (CP Division – Jolwa) in respect of their proposed expansion of polyester chips and filament yarn production and setting up of captive power plant (phase IV), at village Jolwa, Plot No. 202-5, 225-7, 229, 230, 196, 197 & 124 A, Tehsil Palsana, District Surat, Gujarat**. The NOC is, however subject to the following conditions :-

1. The firm may abstract **1575 m^3/day** of ground water (in addition to the existing ground water withdrawal of 7153 m^3/day and not exceeding the cumulative extraction of ground water of 3069800 m^3/year) through existing seven (7) and proposed four (4) tubewells only. No additional ground water abstraction structures to be constructed for this purpose without prior approval of the CGWA.
2. The wells to be fitted with water meter by the firm at its own cost and monitoring of ground water abstraction to be undertaken accordingly on regular basis, at least once in a month. The ground water quality to

West Block - 2, Wing – 3, Sector - 1, R.K. Puram, New Delhi - 110066
Tel : 011-26175362, 26175373, 26175379 • Fax : 011-26175369
Website : www.cgwb.gov.in, www.mowr.gov.in

ANNEXURE – V (Cont.)

be monitored twice in a year during pre monsoon and post monsoon periods.

3. **M/s Garden Silk Mills Ltd.**, shall, in consultation with the Regional Director, Central Ground Water Board, West Central Region, Ahmedabad implement ground water recharge measures to the tune of 1,30,339 m^3/year, for augmenting the ground water resources of the area.
4. The photographs of the recharge structures after completion of the same are to be furnished immediately to the Regional Director, Central Ground Water Board, West Central Region, Ahmedabad for verification and under information to this office.
5. The firm at its own cost shall install peizometers at suitable locations and execute ground water regime monitoring programme in and around the project area on regular basis in consultation with the Central Ground Water Board, West Central Region, Ahmedabad.
6. The ground water monitoring data in respect of S. No. 2 & 5 to be submitted to Central Ground Water Board, West Central Region, Ahmedabad on regular basis at least once in a year.
7. The firm shall ensure proper recycling and reuse of waste water after adequate treatment.
8. Action taken report in respect of Sl. No. 1 to 7 may be submitted to CGWA within one year period.
9. The permission is liable to be cancelled in case of non-compliance of any of the conditions as mentioned in S. No. 1 to 8.

Yours faithfully

Regional Director

Copy for information to:

1. The Director (I. A. Division), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
2. The Member Secretary, Gujarat Pollution Control Board, Sector 10 A, Gandhinagar-382043, Gujarat.
3. The Regional Director, Central Ground Water Board, West Central Region, Ahmedabad. This has reference to your letter no. T/8(9)/WCR /CGWB/814- 1462 dated 8.08.11.
4. TS to Chairman, Central Ground Water Board, Bhujal Bhawan, Faridabad.

Regional Director

ANNEXURE - VI

ANALYSIS REPORT OF STACK:-

Month: October 2018

S. No.	Parameters	Unit	Stack Location		
			Heater (CP– 1, 2)	Heater (CP – 4, 5)	Thermal Power Plant
			19.10.2018	19.10.2018	19.10.2018
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	^{0} C	129	123	132
3	Average Flue Gas Velocity	m/sec	5.29	5.23	5.26
4	Suspended Particular Matter	mg/Nm^3	134.6	125.8	77.4
5	NO_X	ppm	7.90	7.40	8.40
6	SO_2	ppm	16.7	15.4	17.4

Month: November 2018

S. No.	Parameters	Unit	Stack Location		
			Heater (CP– 1, 2)	Heater (CP – 4, 5)	Thermal Power Plant
			22.11.2018	22.11.2018	22.11.2018
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	^{0} C	128	123	128
3	Average Flue Gas Velocity	m/sec	5.38	5.31	5.17
4	Suspended Particular Matter	mg/Nm^3	134.6	124.3	71.3
5	NO_X	ppm	7.90	7.40	7.90
6	SO_2	ppm	16.4	13.9	15.7

Month: December 2018

S. No.	Parameters	Unit	Stack Location		
			Heater (CP– 1, 2)	Heater (CP – 4, 5)	Thermal Power Plant
			26.12.2018	26.12.2018	26.12.2018
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	^{0} C	125	121	130
3	Average Flue Gas Velocity	m/sec	5.31	5.26	5.31
4	Suspended Particular Matter	mg/Nm^3	137.4	128.2	74.2
5	NO_X	ppm	7.10	6.70	7.40
6	SO_2	ppm	15.7	12.7	16.4

ANNEXURE – VI (Cont.)

Month: January 2019

S. No.	Parameters	Unit	Stack Location		
			Heater (CP– 1, 2)	Heater (CP – 4, 5)	Thermal Power Plant
			28.01.2019	28.01.2019	28.01.2019
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	^{0} C	122	124	132
3	Average Flue Gas Velocity	m/sec	5.26	5.32	5.47
4	Suspended Particular Matter	mg/Nm^3	140.3	132.4	53.6
5	NO_X	ppm	7.90	7.10	7.90
6	SO_2	ppm	16.4	14.7	17.6

Month: February 2019

S. No.	Parameters	Unit	Stack Location		
			Heater (CP– 1, 2)	Heater (CP – 4, 5)	Thermal Power Plant
			19.02.2019	19.02.2019	19.02.2019
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	^{0} C	126	128	134
3	Average Flue Gas Velocity	m/sec	5.38	5.44	5.51
4	Suspended Particular Matter	mg/Nm^3	142.4	136.8	47.8
5	NO_X	ppm	8.40	7.90	8.14
6	SO_2	ppm	21.5	19.7	19.5

Month: March 2019

S. No.	Parameters	Unit	Stack Location		
			Heater (CP– 1, 2)	Heater (CP – 4, 5)	Thermal Power Plant
			25.03.2019	25.03.2019	25.03.2019
1	Fuel		Coal	Coal	Coal
2	Temperature of Flue Gas	^{0} C	129	124	131
3	Average Flue Gas Velocity	m/sec	5.44	5.34	5.67
4	Suspended Particular Matter	mg/Nm^3	144.2	139.6	42.7
5	NO_X	ppm	7.60	7.40	9.10
6	SO_2	ppm	23.4	21.3	24.7

ANNEXURE - VII

ANALYSIS REPORT OF WORKPLACE AIR MONITORING:-

Month: October 2018

S. No.	Parameter	Unit	Limit	Results		
				NEAR MAIN GATE	NEAR WTP PLANT	NEAR HI PLANT
				Date	Date	Date
				19.10.2018	19.10.2018	19.10.2018
1	Duration of Survey	hours	-	8	8	8
2	PM_{10}	microgram / m^3	100	68.7	64.2	63.7
3	NO_X	microgram / m^3	80	7.90	8.70	7.90
4	SO_2	microgram / m^3	80	5.70	5.40	6.10

Month: November 2018

S. No.	Parameter	Unit	Limit	Results		
				NEAR CP-4/5	NEAR CP 1/2	NEAR ET PLANT
				Date	Date	Date
				22.11.2018	22.11.2018	22.11.2018
1	Duration of Survey	hours	-	8	8	8
2	PM_{10}	microgram / m^3	100	62.4	65.2	63.7
3	NO_X	microgram / m^3	80	7.90	7.10	8.10
4	SO_2	microgram / m^3	80	5.10	5.40	5.90

Month: December 2018

S. No.	Parameter	Unit	Limit	Results		
				NEAR MAIN GATE	WTP PLANT	NEAR SPINING CP-4/5
				Date	Date	Date
				26.12.2018	26.12.2018	26.12.2018
1	Duration of Survey	hours	-	8	8	8
2	PM_{10}	microgram / m^3	100	66.8	62.1	62.3
3	NO_X	microgram / m^3	80	6.40	6.70	7.40
4	SO_2	microgram / m^3	80	4.70	5.10	6.10

ANNEXURE – VII (Cont.)

Month: January 2019

S. No.	Parameter	Unit	Limit	Results		
				NEAR ETP	NEAR LABORATORY	NEAR CP-1/2
				Date	Date	Date
				28.01.2019	28.01.2019	28.01.2019
1	Duration of Survey	hours	-	8	8	8
2	PM_{10}	microgram / m^3	100	68.9	64.6	69.6
3	NO_X	microgram / m^3	80	7.40	6.90	7.90
4	SO_2	microgram / m^3	80	5.10	4.70	5.70

Month: February 2019

S. No.	Parameter	Unit	Limit	Results		
				NEAR SPINNING CP-4/5	NEAR H1 PLANT	NEAR FISH TANK
				Date	Date	Date
				19.02.2019	19.02.2019	19.02.2019
1	Duration of Survey	hours	-	8	8	8
2	PM_{10}	microgram / m^3	100	62.6	60.4	65.3
3	NO_X	microgram / m^3	80	7.90	7.10	8.40
4	SO_2	microgram / m^3	80	5.70	4.40	6.10

Month: March 2019

S. No.	Parameter	Unit	Limit	Results		
				NEAR CP-1/2	NEAR CP-4/5	NEAR COOLING CP-4/5
				Date	Date	Date
				25.03.2019	25.03.2019	25.03.2019
1	Duration of Survey	hours	-	8	8	
2	PM_{10}	microgram / m^3	100	68.9	65.3	66.2
3	NO_X	microgram / m^3	80	8.70	8.10	8.90
4	SO_2	microgram / m^3	80	6.40	6.70	6.90

ANNEXURE - VIII

DETAILS OF SOLID WASTE GENERATION:-

SR.NO.	SOLIDWASTEGENERATION	NAMEOFTHEMONTH					
		Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	Mar-2019
1.	WasteOil(Litre)	0	3150	0	0	6300	0
2.	SweepPTAWaste(Kgs)	16080	9210	0	8740	0	9210
3.	CatalystDrum(Nos.)	315	55	220	428	320	340
4.	PPLiner(Kgs)	3470	1480	4930	4640	5860	4990
5.	PolymerWaste(Kgs)	161380	146870	37500	15060	82990	24680
6.	ChipsWaste(Kgs)	0	0	0	0	0	0
7.	YARNWaste(Kgs)	179540	80370	176170	182900	130960	143460
8.	NYLONWaste(Kgs)	17870	7060	18520	20460	11950	13280
9.	FlyAsh(MT) for CP Div	531.67	153.46	534.99	722.55	742.52	609.64
	FlyAsh(MT) for CPP Div	1625.85	583.95	1584.6	1749.975	1751.775	1856.475
	Total						

*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, BambhoraPatia, Kim Char Rasta, Tal. Mangrol, Dist. Surat.

DETAILS OF HAZARDOUS WASTE:-

SR.NO.	SOLIDWASTEGENERATION	NAMEOFTHEMONTH					
		Oct-2018	Nov-2018	Dec-2018	Jan-2019	Feb-2019	Mar-2019
1.	ETPSludge(MT)	1.5	2	1.5	1	2.5	2.5

SLUDGE MANIFEST

DESCRIPTION	MANIFEST DATE	QUANTITY	NAME OF TSDF	MANIFEST NO.
ETP Sludge	02/01/19	9.95	BEIL- DAHEJ	809834
Note: TilldatestockofETPSludge: 10 T				

ANNEXURE – VIII (Cont.)

ANALYSIS REPORT OF ETP SLUDGE ANALYSIS: - OCTOBER 2018- MARCH 2019

S. No.	Parameter	Unit	October 2018		November 2018		December 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
			19.10.2018	15.10.2018	22.11.2018	20.11.2018	26.12.2018	10.12.2018
1	pH	pH Unit	7.81	7.56	7.59	7.64	7.71	7.51
2	Temperature	^{0} C	27.0	27.0	29.0	27.0	28.0	28.0
3	Total Dissolved Solids	gm / kg	12.0	16.0	13.2	16.0	12.4	12.0
4	Biochemical Oxygen Demand for 3 days at 27^{0}C	gm / kg	0.90	1.20	1.50	1.20	1.0	0.60
5	Chemical Oxygen Demand	gm / kg	3.20	3.20	4.80	3.20	3.20	1.60
6	Oil & Grease	gm / kg	ND	ND	BDL	ND	BDL	ND
7	Phenolic Compounds	gm / kg	ND	ND	BDL	ND	BDL	ND
8	Hexavalent Chromium as Cr $^{+6}$	gm / kg	ND	ND	ND	ND	ND	ND
9	Total Chromium as Cr	gm / kg	0.0029	0.0026	0.0028	0.0028	0.0019	0.0019

ANALYSIS REPORT OF ETP SLUDGE ANALYSIS: - Jan 2019- March 2019

S. No.	Parameter	Unit	Jan.2019		Feb. 2019		March 2019	
			ETP 1 &ETP 2	ETP CPP	ETP 1 &ETP 2	ETP CPP	ETP 1 & ETP 2	ETP CPP
			Date	Date	Date	Date	Date	Date
			28.01.2019	04.01.2019	19.02.2019	12.02.2019	25.03.2019	05.03.2019
1	pH	pH Unit	7.92	7.82	7.66	7.64	7.79	7.51
2	Temperature	^{0} C	28.0	29.0	27.0	28.0	28.0	27.0
3	Total Dissolved Solids	gm / kg	13.0	14.0	10.0	10.0	14.0	14.0
4	Biochemical Oxygen Demand for 3 days at 27^{0}C	gm / kg	1.50	0.90	1.80	0.60	1.50	0.90
5	Chemical Oxygen Demand	gm / kg	4.80	2.40	6.40	1.60	4.80	2.40
6	Oil & Grease	gm / kg	BDL	ND	BDL	ND	BDL	ND
7	Phenolic Compounds	gm / kg	BDL	ND	BDL	ND	BDL	ND
8	Hexavalent Chromium as Cr $^{+6}$	gm / kg	ND	ND	ND	ND	ND	ND
9	Total Chromium as Cr	gm / kg	0.0014	0.0014	0.0009	0.0008	0.0006	0.0006

ND- Not Detectable

ANNEXURE- IX

MEMBERSHIP CERTIFICATE WITH BEIL, ANKLESHWAR

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)
Phones (02646) 253135, 225220 • Fax : (02646) 222849 • E-mail : panjwania@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 –October-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	24	73.8	42.1	18.6	12.4
2	Jolwa	24	71.2	40.3	17.7	11.2
3	Tantithiya	24	68.7	38.4	16.7	11.8
4	Dastan	24	73.4	41.8	16.9	11.7
5	Karala	24	75.3	44.1	15.7	11.4
6	Karen	24	74.6	40.3	16.4	12.1
7	Vareli	24	73.9	43.4	17.4	11.9
8	Parab	24	74.2	42.4	17.1	12.4
9	Mankna	24	73.2	42	16.7	12.3
10	Valen	24	73.2	42.7	17.4	10.7
11	Mirapura	24	73.7	42.1	17.1	11.3

Analysis report of Ambient Air Monitoring:-

Month – March–2019

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**	24	72.7	39.8	17.4	11.2
2	**JOLWA**	24	70.6	37.8	19.4	10.7
3	**TANTITHIYA**	24	69.6	35.6	17.2	12.1
4	**DASTAN**	24	72.5	40.4	14.8	10.8
5	**KARALA**	24	74.7	42.6	16.7	10.7
6	**KAREN**	24	76.4	41.2	17.4	11.7
7	**VARELI**	24	72.8	41.2	19.1	12.7
8	**PARAB**	24	76.8	43.6	21.4	13.7
9	**MANKNA**	24	72.7	41.1	17.9	13.2
10	**VALEN**	24	74.5	41.2	19.1	11.4
11	**MIRAPURA**	24	72.9	39.6	19.7	12.1

ANNEXURE – X (Cont.)

Analysis report of Ground and surface water Monitoring:-

Analysis report of Ground Water Monitoring:-

Month: December 2018

S. No.	Parameter	Location	Project Site	Jolwa
		Unit		
1	pH	pH Unit	7.27	7.14
2	Total Alkalinity	mg/L	95.0	160
3	Total Dissolved Solids	mg/L	812	690
4	Chemical Oxygen Demand	mg/L	8.00	8.00
5	Biochemical Oxygen Demand for 3 days at 27^0C	mg/L	3.00	3.00
6	Chloride	mg/L	135	110
7	Total Hardness	mg/L	270	140
8	Ca^{+2} Hardness	mg/L	90.0	65.0
9	Sulphate	mg/L	78.0	58.0

Month: March 2019

S. No.	Parameter	Location	Project Site	Jolwa
		Unit		
1	pH	pH Unit	7.17	7.23
2	Total Alkalinity	mg/L	70.0	130
3	Total Dissolved Solids	mg/L	788	656
4	Chemical Oxygen Demand	mg/L	8.00	8.00
5	Biochemical Oxygen Demand for 3 days at 27^0C	mg/L	3.00	3.00
6	Chloride	mg/L	110	90.0
7	Total Hardness	mg/L	240	110
8	Ca^{+2} Hardness	mg/L	75.0	50.0
9	Sulphate	mg/L	55.0	48.0

ANNEXURE – X (Cont.)

Analysis report of Surface Water Monitoring:-

Month: December 2018

S.No.	Parameter	Location	KadodaraKhadi	Canal
		Date Unit		
1	pH	pH Unit	8.34	7.43
2	Total Alkalinity	mg/L	410	190
3	Total Suspended Solids	mg/L	88.0	68.0
4	Total Dissolved Solids	mg/L	1730	780
5	Chemical Oxygen Demand	mg/L	88.0	8.0
6	Biochemical Oxygen Demand for 3 days at 27^0C	mg/L	27.0	3.0
7	Ammonical Nitrogen	mg/L	7.40	ND
8	Chloride	mg/L	480	105
9	Total Hardness	mg/L	450	135
10	Ca^{+2} Hardness	mg/L	140	70.0
11	Sulphate	mg/L	120	55.0

Month: March 2019

S.No.	Parameter	Location	Kadodara Khadi	Canal
		Date Unit		
1	pH	pH Unit	7.89	7.24
2	Total Alkalinity	mg/L	440	160
3	Total Suspended Solids	mg/L	80.0	62.0
4	Total Dissolved Solids	mg/L	1660	820
5	Chemical Oxygen Demand	mg/L	80.0	8.0
6	Biochemical Oxygen Demand for 3 days at 27^0C	mg/L	24.0	3.0
7	Ammonical Nitrogen	mg/L	6.70	ND
8	Chloride	mg/L	430	90.0
9	Total Hardness	mg/L	420	150
10	Ca^{+2} Hardness	mg/L	120	90.0
11	Sulphate	mg/L	105	70.0

ANNEXURE XI

Analysis Report of Noise Monitoring:-

Month: December 2018

SR.NO	LOCATION	DATE	TIME	RESULTS
1	**GSML ADMIN BUILDING**	26/12/2018	11:00 (Day Time)	62.7
			22:00 (Night Time)	55.2
2	**CANTEEN**	26/12/2018	14:00 (Day Time)	63.8
			23:00 (Night Time)	61.4
3	**NEAR DG ROOM**	26/12/2018	15:30 (Day Time)	67.6
			23:30 (Night Time)	60.1
4	**CP- 4,5**	26/12/2018	10:00 (Day Time)	58.7
			19:45 (Night Time)	56.3
5	**CP-1,2**	28/12/2018	11:00 (Day Time)	61.7
			21:10 (Night Time)	59.1
6	**COOLING TOWER**	28/12/2018	13:00 (Day Time)	66.8
			22:35 (Night Time)	58.7
7	**GSML MAIN GATE (SH)**	28/12/2018	14:00 (Day Time)	58.1
			22:00 (Night Time)	56.8
8	**JOLWA**	28/12/2018	15:50 (Day Time)	61.8
			23:00 (Night Time)	57.1

Month: March 2019

SR.NO	LOCATION	DATE	TIME	RESULTS
1	**GSML ADMIN BUILDING**	28/03/2019	11:00 (Day Time)	62.2
			22:00 (Night Time)	56.8
2	**CANTEEN**	28/03/2019	14:00 (Day Time)	64.2
			23:00 (Night Time)	60.8
3	**NEAR DG ROOM**	28/03/2019	15:30 (Day Time)	68.7
			23:30 (Night Time)	61.1
4	**CP- 4,5**	28/03/2019	10:00 (Day Time)	59.6
			19:45 (Night Time)	57.3
5	**CP-1,2**	30/03/2019	11:00 (Day Time)	60.9
			21:10 (Night Time)	60.3
6	**COOLING TOWER**	30/03/2019	13:00 (Day Time)	67.2
			22:35 (Night Time)	59.3
7	**GSML MAIN GATE (SH)**	30/03/2019	14:00 (Day Time)	59.7
			22:00 (Night Time)	55.7
8	**JOLWA**	30/03/2019	15:50 (Day Time)	62.1
			23:00 (Night Time)	58.7

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***

GARDEN SILK MILLS LTD. SURAT

ENVIRONMENT STATEMENT (FORM-V)

PART: B

Water and Raw Material Consumption

(1) Water Consumption in M^3/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. ***(APRIL – 16 TO MARCH – 17)***	During the current Financial year. ***(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. ***(APRIL – 16 TO MARCH – 17)***	During the current Financial year. ***(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***	***3400 LIT/YEAR***
	2) POLYMER WASTE	***459.451 MT/YEAR***	***676.32 MT/YEAR***
	3) CHIP WASTE	***71.086 MT/YEAR***	***41.18 MT/YEAR***
	4) POY WASTE		
	5) FDY WASTE	***1962.0 MT/YEAR***	***1986.65 MT/YEAR***
	6)NYLON WASTE	*--*	***108.29 MT/YEAR***
(b) From Pollution Control facilities (ETP)	***1) CATALYST DRUM LOT***	***3320 NOS./YEAR***	***3276 NOS./YEAR***
	2) PP LINER LOT	***35980 KG/YEAR***	***30830 KG/YEAR***
(c) Quantity recycled or re-utilized	***3) SWEEPING PTA WASTE LOT***	***48.96 MT/YEAR***	***53.02 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. PAPAIYA**
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,

DIST.: SURAT

ANNEXURE XIII

POLICY FOR CORPORATE ENVIRONMENT RESPONSIBILITY

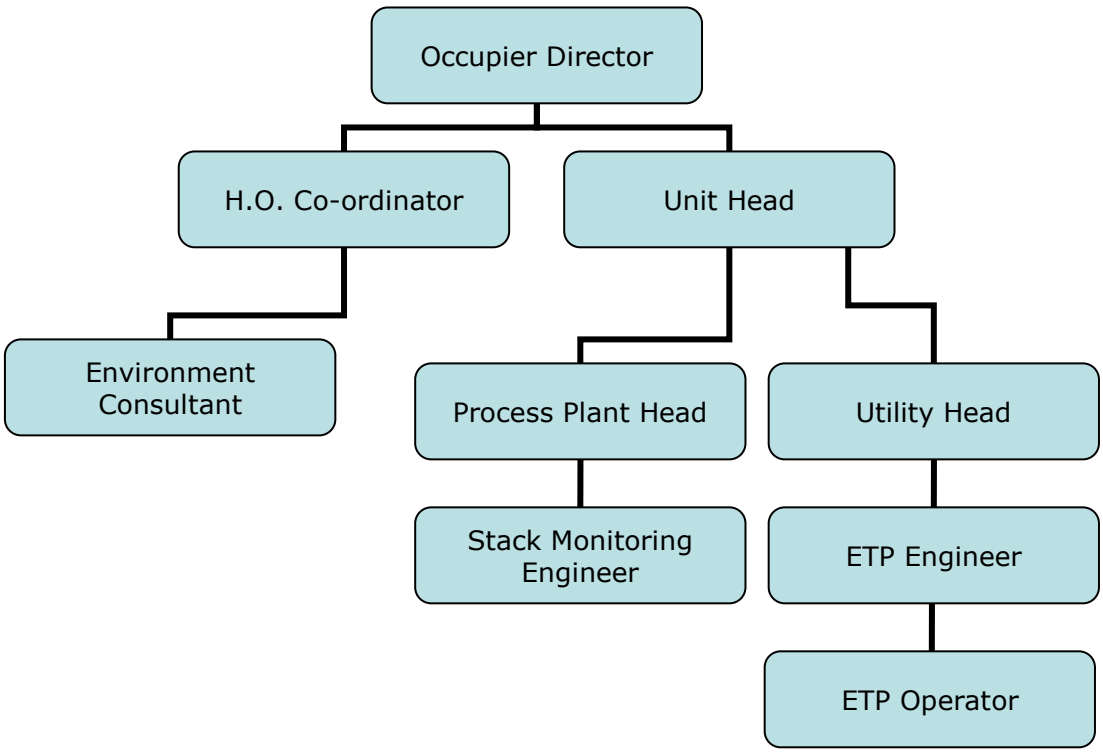
POLICY FOR CORPORATE ENVIRONMENT RESPONSIBILITY.

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

ANNEXURE - XIV

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
March 26, 2019

TO WHOM SO EVER IT MAY CONCERN

This is to certify that, we had examined 1525 employees of M/s Garden Silk Mills Ltd., CP Division, Surat for the year 2018 – 2019.

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

For Sai Industrial Health Services

Dodia 26-03-2019

Dr. B. G. Dodia
MBBS, CIH
Reg. No. G-8571
Sr. INDUSTRIAL HEALTH CONSULTANT

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

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

ANNEXURE - XV

CSR PROJECT AND ITS DETAILS

CSR between 2018-2019

CSR Expenses - Garden Silk Mills Ltd		
PERIOD	**DESCRIPTION**	**AMOUNT(Rs.)**
Sept-2018	KERALA FLOOD RELIEFCSR-EXP. CHQ.IN THE NAME OF "Chief Minister's Distress Relief Fund"	1,00,000
Jan-2019	CHIEF MINISTER KANYA KERVNI NIDHI	25,000
	TOTAL	**1,25,000**

ANNEXURE - XVI

CA CERTIFICATE FINANCIAL CLOSURE

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

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

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,

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

Place : Surat
Date: 31st March, 2013

BIPINCHANDRA J. MODI & CO. FRN NO. 101214W SURAT