



GPCB

GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN
Sector-10-A, Gandhinagar-382 021.
Website : www.gpcb.gov.in

Amendment of Consent to Establish (NOC)

CTE - 70023

NO: PC/CCA-KUTCH-243(4)/ ID: 18108/

Date: -

To,

M/S. WELSPUN INDIA LTD.

PLOT NO: SR NO-675,

VILL: VARSAMEDI,

TA: ANJAR.

DIST: KUTCH.

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

REF: Your CTE Expand Application Inward ID no. 92961 dated 10/04/2015.

Sir,

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 (NOC)** for setting up of an industrial plant/ activities for (1) Laying of pipeline from Gandhidham to Welspun city (2) Constructing 30 MLD STP to treat and reuse sewage water of Anjar & Gandhidham –Adipur Nagar palika in the welspun city (3) Augmentation of existing 10 MLD ETP to 15 MLD ETP by adding additional treatment of Biological, UF & RO plants (4) Installation of pumping station and (5) Onshore & offshore disposal pipeline –gravity and pumping up to sea off Nakti Creek.

The validity period of this order will be Five years [i.e. up to 30/04/2020]

SPECIFIC CONDITIONS:

1. You shall not carry out any activity that may attract the provisions of the EIA Notification – 2006 and subsequent amendments.
2. No ground water shall be used for project coming under Dark zone without permission of competent authority.
3. Unit shall dispose of treated effluent conforming to GPCB norms at Nakti Creek at 22 deg 54' 52.00"N & 70 deg 09'18.00"E location into deep sea as, identified by NIO.
4. Unit shall obtain necessary NA permission from competent authority for laying of sewage pipeline as per designed capacity of pipeline of 60 MLD conveyances including from National /State Highway authority, Railway authority.
5. Unit shall obtain necessary clearance including CRZ clearance from competent authority, before installation /Construction of any activities.

Ch. Bhuvan

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Clean Gujarat Green Gujarat

ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation

6. Unit shall provide 30 MLD – STP for treatment of domestic waste water generated from Anjar and Gandhidham in first phase at Survey nos 595 & 589 adjacent to welspun premises for receiving sewage and reuse of entire treated sewage waste water in their own plant.
7. There shall not be any increase in production quantity due to laying of pipeline & unit shall have to obtain CTE amendment to increase production from the current consented production quantity in future.
8. Unit shall only lay 30.08 km of sea discharge pipeline, in 3- stages like, (1) onshore pipeline of 15.3 km-715 mm dia DWC pipeline (2) onshore pipeline 5.86km-500mm dia HDPE pipeline up to LFP (3) offshore pipeline 8.92km-500mm dia from LFG to diffuser location.
9. Unit shall also augment their existing ETP by additional treatment like Ultra filtration & R.O. for Recycling & Reuse to tune of 5 MLD.
10. Unit shall only dispose off RO-Rejects of STP along with treated outlet of ETP to be disposed into deep sea via onshore & offshore through Nakti creek at identified location by NIO.

CONDITIONS UNDER WATER ACT 1974:

- 1 The generation and discharge of effluent from the manufacturing process and other ancillary industrial operations shall be **15 MLD for phase –I , while designed capacity of pipeline shall be 60 MLD** along with R.O reject of 10 MLD from STP, combining to total designed capacity of 25 MLD for sea discharge pipeline.
- 2 For expansion of ETP, unit shall provide proposed ETP consisting of following units.

Sr.No	Unit Description	Proposed Augmentation Details
1.	Mechanical Screen	1 Nos
2.	Biological Oxidation Tank	1 Nos
3.	Resin filters	Filters will be replaced by micron filter
4.	Treated Waste Water Mixing tank	Mixing Tank
5.	Ultra Filtration Plant	1 Nos
6.	Ultra Filtration Plant	3 Nos
7.	Revers Osmosis Plant	1 Nos
8.	Revers Osmosis Plant	3 Nos

- 3 Unit shall provide proposed STP consisting of following units:

Sr.No	Unit	Sr.No	Unit
1.	Inlet chamber	12.	Wet Well
2.	Mechanical fine screen channel (6mm spacing)	13.	Sludge sump
3.	Manual coarser bar screen channel	14.	Dirty backwash tank

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GPCB		(20mm spacing)		
4.	Girt chamber		15.	Filtrate sump
5.	Girt channel		16.	Chlorination building
6.	Anoxic Zone		17.	Centrifuge building
7.	Aeration Tank		18.	Blower room
8.	Distribution Chamber for Secondary Clarifier		19.	Operator room
9.	Secondary Clarifier		20.	HT/LT substation
10.	DBM Filter		21.	MEP room
11.	CCT			

TRADE EFFLUENT

4. The applicant shall provide adequate effluent treatment in order to achieve the quality of the treated effluent as per GPCB norms, as specified location identified by NIO.

PARAMETER	GPCB NORMS
pH	5.5 to 9.0
Temperature	Shall not exceed 5°C above the receiving water temperature
Colour (pt.co.scale units)	100 units
Suspended Solids	100 mg / l
Oil & Grease	20 mg / l
Phenolic Compound	5.0 mg / l
Amonical Nitrogen	50 mg / l
BOD (3Days at 27 oC)	100 mg / l
COD	250 mg / l
Sodium Absorption Ratio	26
Bio - assay test	90% Survival of fish after 96 hours in 100% effluent.
Fluoride	15 mg/l
Sulphide	5.0 mg/l
Total Residual chlorine	1.0 mg/l

CONDITIONS UNDER AIR ACT 1981:

5. The following shall be used as fuel for proposed pipeline following rates:

Sr.no.	Name of Fuel	Quantity
1.	LDO	400 Litres/Hr


CC Bhinani

6. The applicant shall install & operate air pollution control system in order to achieve flue gas emission norms as prescribed below. (As per GPCB Norms, whichever is applicable)

Sr no.	Stack attached to	Stack height in feet	Parameter	Permissible limit
1	D.G set for proposed STP and pumping station of (750 KVA)-2 nos.	10	P M SO ₂ NOx	150 mg/NM ³ 100 ppm 50 ppm

7. Stack monitoring facilities like porthole, platform/ladder etc. shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.
8. All measures for the control of environment pollution shall be provided before commencing production.
9. The CTE amendment order issued vide order No PC/CCA-KUTCH-243(4)/ ID: 18108/315736 dated 28.5.2015 shall be null & void and stands deleted.
10. All other conditions remain unchanged as in the CTE granted to the unit vide No-PC/CCA-KUTCH-243(2) /GPCB ID-18108/227549 dated 07/10/2014 and CCA granted to the unit vide No-PC/CCA-KUTCH-243(3) /GPCB ID-18108/308563 dated 30/03/2015.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD


(CHIRAG NHIMANI)
UNIT HEAD

Outward No: 316020, 30/05/2015