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02nd December, 2016

To,
The Additional Principal Chief Conservator of Forest (APCCF),
Ministry of Environment, Forest & Climate Change,
Regional Office (WZ),
Bhopal.

Sub: Submission of Six Monthly Environment Clearance Compliance Report with details and respective documents

Ref: 1) Environment Clearance - Welspun India Limited vide Letter No. F.No. 11-22/2015/IA-III dated 9th October 2015

2) CRZ Clearance granted vide Letter No. ENV-10-2015-172-E, Dated: 10.06.2015

Respected Sir,

Welspun India Limited, Anjar have been granted Environmental Clearance vide your letter no. F.No. 11-22/2015/IA-III dated 9th October 2015 from MoEF & CC for Laying of onshore and offshore treated waste water disposal pipeline for 25 MLD capacities up to land fall point near Nakti creek, Gulf of Kutch, Gujarat.

As per the directives given in the above referred letter (General Conditions - Point No. 3), we are submitting herewith the Half yearly Compliance report of Environmental Clearance for the period of April 2016 to September 2016.

Thanking you,

Yours Faithfully,

For Welspun India Limited

Authorized Signatory

Encl: Copy of EC Compliance Report with Annexure I to XIV & A

Copy to:

1. The Principal Secretary, Department of Forest & Environment and Chairman GCZMA, Govt. of Gujarat, Sachivalaya, Gandhinagar - 382010

Room-5 6/12/16
कार्यालय / OFFICE
पर्यावरण एवं वन मंत्रालय (केन्द्रीय)
Ministry of Environment & Forests (C)
केन्द्रीय कार्यालय (परिचयन क्षेत्र)
Regional Office (Western Region)
भोपाल (वि.प्र.)-462016



Intertek



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SYSTEMS
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FACTORY:

WELSPUN CITY, ANJAR-BHACHAU ROAD,
VILLAGE - VARSAMEDI, TALUKA-ANJAR, (KUTCH),
GUJARAT 370110 (INDIA)

TEL: +91-2836-661111 FAX: +91-2836-279010

CORP. OFFICE: WELSPUN HOUSE, 6TH FLOOR, KAMALA MILLS COMPOUND, SENAPATI BAPAT MARG, LOWER PAREL, MUMBAI-400015, (INDIA).
PHONE: +91-22-66136000/2490 8000; FAX: +91-22-2490 8020/21. EMAIL: welspun@bam2.vsnl.net.in. Website: http://www.welspun.com

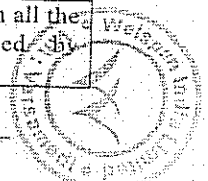
REGD. OFFICE: WELSPUN CITY, VILLAGE - VARSAMEDI, TALUKA - ANJAR, DIST. KUTCH, GUJARAT-370 110 (INDIA).
TEL: (02836) 661111; FAX: (02836) 279010

MEMBER WELSPUN GROUP



Environment Clearance Compliance Report - Welspun India Limited, Anjar
Environment Clearance - Welspun India Limited Vide Letter No. F.No. 11-22/2015/IA-III
dated 9th October 2015

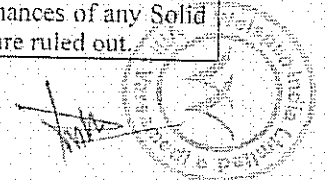
Sr No	Conditions	Compliance
4-A	SPECIFIC CONDITION	
1	Consent for Establish' shall be obtained from State Pollution Control Board under the Air (Prevention and Control Of Pollution) Act, 1981 and the Water (Prevention and Control Of Pollution) Act, 1974.	CTE Order No: 70023 vide letter no: PC/CCA-KUTCH-243(4)/ID:18108, dated 30-05-2015 is obtained from GPCB and copy of the same is attached as Annexure 1
2	All the conditions/ recommendations stipulated by Gujarat Coastal Zone Management Authority (GCZMA) vide letter no ENV-10-2015-172-E dated 10.06.2015, shall be complied with.	Complied. Compliance Report of the same is attached as Annexure 2
3	Pipeline work shall be limited to the demarcated area only.	Pipe line has been laid in demarcated area only.
4	Once the pipeline is laid, the Right Of Work (RoW) shall be cleared of all waste and stored to its original condition.	All the construction debris and waste has been removed immediately after pipeline laying activities. Moreover, we have taken all the initiatives for replantation of Mangroves in RoW for pipeline laying area under the guidance of Gujarat Institute of Desert Ecology (GUIDE), Bhuj.
5	In all the major water bodies, the horizontal directional drilling method will be used.	There are no major water bodies encountered in the pipeline route
6	The PP shall take all measures to provide protection to the pipeline against corrosion, leak and any other possible mechanical damage as committed under the EIA Report.	The HDPE PE-100 grade, IS Code:4984 pipeline has been used which is long lasting, having life of much more than 25 years, non corrosive and leak proof. All the other accessories are in SS 316. Moreover, we have constructed the concrete block after every 0.8 m distance to provide more strength to the pipeline.
7	Signboard and markers shall be placed at each Nala/stream or river crossing and turning point as per standard engineering practice.	Signboards have been placed in all the required places as suggested by MoEF.



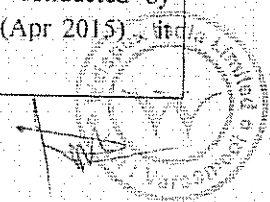
FACTORY:
WELSPUN CITY, VILLAGE - VARSAMEDI, TALUKA-ANJAR, (KUTCH),
GUJARAT 370110 (INDIA)
TEL: +91-2836-661111 FAX: +91-2836-279010

HEAD OFFICE: WELSPUN HOUSE, 6TH FLOOR, KAMALA MILLS COMPOUND, SENAPATI BAPAT MARG, LOWER PAREL, MUMBAI-400013, (INDIA).
PHONE: +91-22-66130000/2490 8000. FAX: +91-22-2490 9020/ 21. EMAIL: welspun@bam2.vsnl.net.in. Website: http://www.welspun.com
REGD. OFFICE: WELSPUN CITY, VILLAGE: VARSAMEDI, TALUKA: ANJAR, DIST: KUTCH, GUJARAT 370 110 (INDIA).
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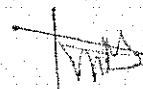
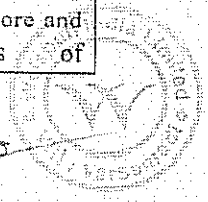
		The photographs of the boards are attached as per Annexure-9
8	The project proponent shall prepare the mangrove management plan to conserve the mangrove resource for maximum benefit to humans and to minimize those non-sustainable or conversion activities that lead to destruction of the mangrove resource. Full protection of mangrove flora and fauna by banning the extraction of mangrove wood. There shall be no permanent damage to mud flats and mangroves in any way.	<p>No permanent damage has taken place on the mud flats/ mangroves.</p> <p>We have deposited Rs. 30 Lacs to Gujarat Ecology Commission for the development of mangroves as per the guideline of GCZMA. The signed MoU between WIL & GEC is attached as per Annexure-3.</p> <p>Over and above we have taken all the initiatives for replantation of Mangroves in RoW for pipeline laying area under the guidance of Gujarat Institute of Desert Ecology (GUIDE), Bhuj.</p>
9	The project proponent shall not undertake any destruction of mangroves during construction of the project. In unavoidable situations, identification of endangered mangrove species along the pipeline Route shall be done. Further, there shall be restoration and rehabilitation of degraded mangroves on suitable location by planting of suitable species before commissioning of the pipe line and in consultation with forest department. Regular monitoring for any changes in mangrove area, floristic and faunal composition and physiographic shall also be ensured.	<p>We have deposited Rs. 30 Lacs to Gujarat Ecology Commission for the development of mangroves as per the guideline of GCZMA. The signed MoU between WIL & GEC is attached as per Annexure-3.</p> <p>Over and above we have taken all the initiatives for replantation of Mangroves in RoW for pipeline laying area under the guidance of Gujarat Institute of Desert Ecology (GUIDE), Bhuj.</p>
10	The project proponent shall ensure real time monitoring of effluent quality by installing online effluent quality monitoring system at the outlet of pipeline carrying effluent for marine disposal for the measurement of the parameters prescribed by the Gujarat State Pollution Control Board (GSPCB) and data gathered so submitted to. The GPCB should ensure that there is no illegal outfall point discharges any effluent in to the river/creek. The GPCB hold conduct surprise visits and conduct environmental audit of the member units.	<p>We have installed Forbes Marshall make, Model No: CX 1000 - 3922, online pH/TOC meter to monitor the waste water characteristics continuously.</p> <p>The photograph of the same is attached as Annexure-12.</p> <p>Our coastal pipe is pressurized line and starts to end in one length without any manhole. So chances of any Solid & Liquid disposal are ruled out.</p>



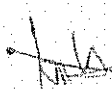
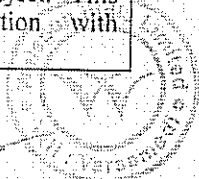
11	The PP shall ensure that there is no misuse of intertidal area by the work force employed during the construction phase. This should be avoided by establishing the temporary colonies of workers away from CRZ area and proper sanitation shall be provided in such colonies.	Complied. We have established our construction camp in the Town area.
12	There shall be no construction in the mud flat/mangrove area except lying of pipelines by the way of Horizontal Directional Drilling (HDD).	<p>No permanent construction has been carried out on mud flat/ mangrove area other than laying of pipeline.</p> <p>The project was conceptualized on trenching & burial method based on the following studies:</p> <p>In the Marine EIA conducted by NIO (Feb 2015), it was stated that:</p> <ul style="list-style-type: none"> a) In the very beginning of their report, NIO has mentioned about the open trench process for laying pipeline (Pg - 6, 7, 63) in the CRZ area. b) Since it was an open trench method, NIO envisaged the mangrove loss in the corridor of about 0.23 ha for route 1 and 0.20 ha for route 2 with estimated no. of mangrove affected are 2800-3000 c) NIO advised to go with route 2 because of less disturbance in mangrove area. d) Had it been HDD process, NIO would not be able to envisage the mangrove disturbance e) A corridor of 15 m width was further advised by NIO to execute the job <p>In the Onshore EIA conducted by KADAM consultants (Apr 2015), it was stated that:</p>



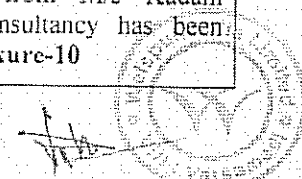
		<p>a) The proposed project involves excavation and laying of pipeline in 3 segments, one of which is Offshore pipeline with diffuser system from LFP to outfall point (App 8.92 Km)</p> <p>b) The other solid waste generated during construction phase would be soil excavated during trenching. The excavated soil will be used for refilling works.</p> <p>IIT Chennai is considered as one of the best Marine consultants and is empaneled on several Environment & Government projects were approached for the engineering purpose and it was on their advice, open trenching method was adopted.</p> <p>GCZMA while recommending the Project to MoEF, stated the following:</p> <p>a) The sediment excavated while trenching as well as that is leftover after the trench is backfilled subsequent to the laying of the pipeline, would be re-distributed by tidal circulation which may change the texture of the sediment of nearby areas, particularly of the intertidal region. The impact however would be minor</p> <p>b) Excavation of trench for laying of HDPE pipeline Onshore and Offshore, provisions of</p>
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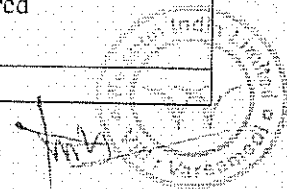
		<p>Landfall chamber etc are the major activities required to be carried out in CRZ area</p> <p>c) In Intertidal zone pipeline would be buried in trench with Buoyancy under sea bed in the estuary portion of Nakti Creek. The pipeline would be laid using float and sink method in excavated trench. In Subtidal Zone, pipeline would be laid on sea bed of Nakti Creek and further inside the shoreline</p> <p>d) Mangroves are present in the pipeline route. The lengths affected by the pipeline laying would be 450 m and 400 m for option 1 and option 2 respectively. Around 2800-3000 mangrove plants are expected to be affected during laying operations</p> <p>We have already made a representation to MoEF – CC vide our letter dated 29th Nov 2016 to rectify the anomalies in the EC granted.</p>
13	Once in a year the leakage test shall be conducted using a color dye and the report should be submitted along with the compliance report to GPCB/Regional Officer of MoEF&CC.	Direction will be complied and the reports will be submitted within due date i.e. 19 th March 2017.
14	Health Status of the mangroves should be checked by Satellite Imagery (NRSA). Primary Data should be compared with the present satellite image which determine the pristine or deteriorate conditions/ status of mangroves.	Direction will be complied and Health status of the Mangroves will be checked by Satellite imaginary Once in a year.
15	Treated Outlet of each of the member units should be provided with Online TOC,pH and Flow Meter for continuous monitoring of outlet at Guard Pond. Further these effluents should be pumped to the Common Collection Sump Location.	The condition need to be deleted. We are not required to do this compliance as its for a different project. This Project has no connection with WEMO

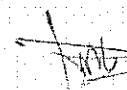
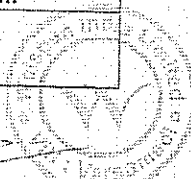
16	In case of not meeting norms, the effluent should be recycled back (alarm of TOC) with Auto Valve system and outlet pump stoppage. This Will be ensured on automation basis in each of member industry and monitored by GPCB as well as WEMO.	The condition need to be deleted. We are not required to do this compliance as its for a different project. This Project has no connection with WEMO
17	A second check should be provided at the pumping station location by establishing a waste water monitoring system at the central pumping station location. A second check should be kept at the pumping station location where in the quality of inlets will be checked and can be returned in case of rare case accidental discharges from member unit not meeting the norms. This should be ensured by WEMO at the pumping station location.	The condition need to be deleted. We are not required to do this compliance as its for a different project. This Project has no connection with WEMO
18	All the measurements should be recorded as well as connected with PLC and SCADA connectivity.	Complied Forbes Marshal make, Model No: CX 1000 – 3922,TOC meter has been connected with PLC.
19	Online monitoring system (of pH,TOC and Flow METER) should be installed at each of the individual member unit outlets along with auto return valve arrangements for return of effluents not meeting norms. This should be monitored by GPCB as well as WEMO to ensure treated effluents matching the norms are disposed off in to the pipeline from point to generation.	We have installed the Forbes Marshall make, Model No: CX 1000 - 3922online TOC/ pH and Krohne Marshall make, Model No: Optiflux 4000, Flow meter for continuous monitoring of the effluent. The photographs of the same are attached as per Annexure-12. Moreover, WIL has reserved Guard pond before discharging the treated waste water into the pipeline. We will discharge into the pipeline only if all the parameters are complied other wise it will be sent back to the ETP for Retreatment.
20	All the recommendation of the EIA/EMP,Disaster Management Plan shall be strictly complied within letter and spirit. All the mitigation measures submitted in EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MoEF&CC along with half yearly compliance to MoEF&CC-RO.	Compliance report for Mitigation Measures submitted in EIA Report is attached as Annexure 4 The certificate from M/s Kadam Environment Consultancy has been attached as Annexure-10



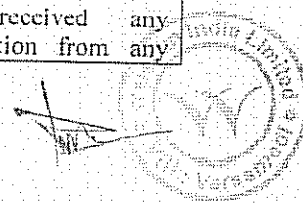
21	Project Proponent shall obtain all required statutory clearance as applicable.	<p>Following statutory clearances has been obtained.</p> <p>1) CTE Order No: 70023 vide letter no:PC/CCA-KUTCH-243(4)/ID: 18108, dated 30-05-2015,from GPCB - Annexure-1.</p> <p>2) CRZ Clearance vide Letter no Env-10-2015-172-E dated 10th June 2015, Annexure-5.</p> <p>3) Environment Clearancevide Letter no. F.No. 11-22/2015/IA-III dated 9th October 2015, Annexure-6.</p> <p>4) CC&A Order No: 77394 vide letter no. PC/CCA-KUTCH 243(5)/ID: 18108, dated 07-04-2016,from GPCB, Annexure-7</p>
22	Soil and water samples shall be regularly monitored along the pipeline route to check the leakage/contamination. If any and shall examine if any strengthening is required.	GPCB approved Consultant M/s Royal Environment Auditing & Consultancy Services has been appointed for the monitoring and regular monitoring will be done as per the norms.
23	There shall be no disposal of solid and liquid wastes in to the Coastal areas.	Coastal pipe is a pressurized line and start to end in one length without any manhole. So chances of any Solid & Liquid disposal are ruled out.
24	There shall be no ground water drawal within CRZ area.	We have not used ground water at any stage of project.
25	No construction work other than those permitted in Coastal Regulation Zone Notification,2011 shall be carried out in Coastal Regulation Zone area.	Construction is carried out in permitted area only
26	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environment safeguards under the supervision of a Senior Executive.	We have our own EHS team with the qualifiedsenior personnel to implement the Environment Plan.
27	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	Compliance Assured
4-B	GENERAL CONDITIONS	



1	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	All the appropriate measures were taken while digging activities to avoid degradation of water.
2	Full support shall be extended to the officers of this Ministry/Regional office at Bhopal by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Compliance Assured
3	A six monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bhopal regarding the implementation of the stipulated conditions.	Six monthly compliance report has been submitted on 17 th June 2016 vide letter No: WIL/EHS/ENV/2016/05 to the MoEF, GCZMA and other Regulatory authorities.
4	Ministry of Environment, Forests & Climate Change or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.	Agreed
5	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Agreed
6	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forest & Climate Change.	We have followed all the guidelines during the implementation of project as suggested in MoEF & GCZMA recommendation except HDD.
7	The project proponents 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 land development work.	CTE, CC&A obtained from GPCB and the copy of the same is attached as Annexure-1 & Annexure-7
8	A copy of clearance letter shall be marked to the concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been made received while processing the proposal.	Condition Complied. Advertisement for the obtained Environmental clearance has been published in the two local news paper i.e. Kachchh Mitra & Kutch Uday on 25 th Oct, 2015 copy of the same is attached as Annexure 8. We have not received any suggestions from any of the concerned personnel while processing the proposal.
9	State Pollution Control Board shall display a copy of the clearance letter at the Regional office for 30 days.	Noted

10	This Stipulations would be enforces among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, The Environment (Protection) Act, 1986, The Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.	Agreed
11	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained as per applicable by proponents from the respective competent authorities.	Not Applicable to us
12	The Project Proponent shall advertise in atleast two local newspaper widely circulated in the region, one of which shall be in the vernacular language informing that the projects has been accorded CRZ Clearance and copies of the clearance letters are available with the State Pollution Control Board and may also be seen on the website of the MoEF & CC at http://www.envfor.nic.in . The advertisement should be made within 10 days from the date of receipt of the clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.	Condition Complied. Advertisement for the obtained Environmental clearance has been published in the two local news paper i.e. KachchhMitra& Kutch Uday on 25thOct, 2015 copy of the same is attached as Annexure 8.
13	Any Appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010	We have not received any appeal from any personnel of such type.
14	This clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in writ petition (Civil) No. 460 of 2004 as may be applicable to this project.	Agreed
15	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	All the compliance status and environmental safeguards will be uploaded on our website.
16	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/Municipal corporation, Urban local body and the local NGO, if any, from whom any suggestion/representation has been made received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Condition Complied. Information regarding allotting EC letter to us has been published in local news papers i.e. KachchhMitra& Kutch Uday on 25 th October 2015 and detailed copy of the EC letter is available on the network. We have not received any suggestions/representation from any



		of the concerned personnel / organization.
17	The proponent shall upload the status of compliance of the stipulated 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 & CC, the respective Zonal office of CPCB and the SPCB	All the monitored data and status of compliance will be uploaded on web site periodically i.e. once in a year and same will be sent to the RO-MoEF&CC, Bhopal.
18	The Project proponent shall also submit six monthly reports on the status of compliance of the stipulated clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional office of ministry, the respective zonal office of CPCB and the SPCB	Six monthly compliance report has been submitted on 17 th June 2016 vide letter No: WIL/EHS/ENV/2016/05 to the MoEF, GCZMA and other Regulatory authorities.
19	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 clearance conditions and shall also be sent to the respective Regional Office of MoEF & CC by email	We have already submitted the Form-V on dated 9 th June 2016 vide letter on dated as per the norms to GPCB. Copy of the form-V is attached as Annexure-13.

