REPLIES TO EDS RAISSED ON 23.12.2021

1. **Points raised in the EDS dated 21.11.21 have not been reflected in Form-2.**

Reply: PP is now uploaded in Form-2 in the form of Google Drive Link.

2. **Uploaded revised kml depicts the water body is going to be encroached by ISP. The said kml is not in consonance to the layout uploaded as well as page 13 of 39 of uploaded EIA Report.**

Reply: The kml file has been rectified in line with project layout given in the EIA Report and also, modified the page 13 of 39 of the replies to ADS points accordingly. The ISP & Jetty project boundary have been depicted in different colors.
The kml file is clearly indicates that the ISP facilities are not encroaching the coastal area other than permitted activities like Green Belt.

3. **With respect to PH proceedings it has been stated that Google Drive containing PH proceedings have been e-mailed to MS. Such reply is highly inappropriate. Parivesh is public domain platform wherein the all the documents have to be invariably uploaded on relevant sections for ensuring wide transparency.**

Reply: We sincerely regret the mistakes and now, the PH proceedings have been uploaded in Google Drive Link in Form-2 at appropriate section.

4. **Under s. no. 34, CRZ project details can be uploaded.**

Reply: The option to update CRZ details of jetty is not appearing in the Form 2 for ISP. However, it may be noted that Odisha Coastal Zone Management Authority has given their recommendation for CRZ clearance to MoEFCC vide letter No. OCZMA/56/2020 41/OCZMA dated 1st February 2021.

REPLIES TO EDS RAISED ON 30.11.2021

1. **On perusal of the KML file, it is noted that PP has encroached upon the coastal area too for the purpose of setting up of ISP. PP may kindly clarify the factual status and demarcate the area for ISP and jetty projects with different color codes.**

Reply: PP is not encroaching any coastal area for the purpose of setting of ISP**.** The kml file demarcating separately for ISP and jetty in different color have been updated in Form 2 and in Google Drive. However, the small of patches of the coastal land will be utilized for Green Belt development and marked in separate color in KML file.

2. **Form 2 • In s.no.3, all the applicable schedules under EIA 2006 shall be mentioned.**

Reply: In the Form 2 only one schedule under major activity and one schedule under minor activity is available for selection. However, the applicable schedules under EIA Notification 2006 for the proposed ISP project are:

i) 3a) Metallurgical industries (ferrous and non ferrous)
ii) 3b) Cement Plants
iii) 1d) Thermal Power Plants
iv) 4b) Coke oven plants

v) 7e) Ports, harbours, break waters, dredging (for Captive jetty)

3. **In s.no. 7.1 of Form 2, In s.no. 7.1, entire PH proceedings inter-alia including advertisements given for PH, SPCB cover letter, actual proceedings, attendance sheet, written representations & the response submitted, Authenticated English translation of the PH proceedings if any, shall be uploaded.**

Reply: Due to size constraints, the complete PH proceedings has been uploaded in form-2 in the form of Google Drive link.

4. **In s.no. 9, several observations have been made by RO with respect to the compliance to the existing EC conditions. Action taken from PP (or) formal closure report from IRO shall be submitted.**

Reply: Not applicable for present proposal as it is a greenfield (New) project.

5. **In s.no.15, an in-principle letter obtained during 2018 for water withdrawal has been uploaded. Final copy of the water withdrawal permission shall be uploaded.**

Reply: Govt of Odisha in Dept of Water Resources has accorded In Principle allocation of water and revalidated the same vide letter no. WS-IWS-236/2021 25806 dated 30th September 2021 (Please refer Enclosure 1). Final copy of the water withdrawal permission will be made available post submission of EC grant letter by MoEFCC.

6. **In s.no. 24, Forest clearance obtained by the PP shall be uploaded.**

Reply: Since the FC transfer was done offline, the same could not be linked to the present online proposal. Please refer Enclosure 2 appended to this document for the FC document and uploaded on Google Drive link.

7. **In s.no. 25, tree cutting permission issued by the competent authority shall be uploaded.**

Reply: Permission for balance Tree cutting will be sought from competent authority post grant of EC grant letter by MoEFCC.

8. **In s.no.27, present status of R&R shall be submitted.**

Reply: Please refer Enclosure 3 appended to this document for proceedings on meeting pertaining to R&R under chairmanship of Collector and District Magistrate (Jagatsinghpur)

9. **Ins.no. 32, proper green belt diagram covering 33% plant area shall be uploaded.**

Reply: Same has been updated in Form 2

10. **In s.no.34, CRZ details of the jetty project are missing.**

Reply: The option to update CRZ details of jetty is not appearing in the Form 2 for ISP. However, it may be noted that Odisha Coastal Zone Management Authority has given their recommendation for CRZ clearance to MoEFCC vide letter No. OCZMA/56/2020 41/OCZMA dated 1st February 2021 (please refer Enclosure 4)

11. **Cover page should contain name of both the EIA consultants for ISP and Jetty project.**

Reply: Complied and uploaded in Form 2. The same has also been uploaded in Google Drive link.

12. **Project specific Risk assessment has not been carried out.**

Reply: Please refer pages 7-7 to 7-9 of Common EIA Report and Enclosure 5 for project specific risk contours against specific failure scenarios.

13. **Issues raised by EAC and EIA report are mixed with each other and there is no clarity on the same.**

Reply: Replies to issues raised by EAC have been uploaded in Google Drive link.

14. **The presentation uploaded is not accessible at all.**

Reply: Presentation has been reuploaded and provided on Google Drive link

15. **Annexures to the report are not legible at all.**

Reply: Annexures to Common EIA report have been uploaded on Google Drive link owing to size constraints

16. **In addition to the above, note on the interlinked project and the status of EC for the said project shall be elaborated.**

Reply: **Note on Interlinked Project:**

The proposed project- ISP & Jetties are both interlinked**.**

1. **<u>Captive Jetties:</u>**
   The captive jetty project was granted CRZ recommendation by the State CZMA (OCZMA) vide letter no. OCZMA/56/202041/OCZMA dated 01.02.2021. The Environmental and CRZ (EC) proposal for Captive jetty was deliberated in the 256th EAC meeting and 265th EAC meeting where the EAC committee had sought additional documents/ information/ clarifications/. The Additional Information was submitted, and the proposal was further considered in the 273rd EAC meeting held on 16th – 17th September, 2021 and the approval was deferred until receipt of recommendations from Industry-1 EAC.
2. **<u>ISP:</u>**
   The proposal for EC has deliberated before EAC (Ind-1) & compliance of ADS/EDS is being submitted and awaiting EC for the project.

ENCLOSURE 1

OFFICE OF THE ENGINEER-IN-CHIF, WATER RESOURCES
SECHA SADAN, BHUBANESWAR-751001

Letter No . WS-IWS-236/2021 25806 (WS) /Dated, 30/09/2021

From

Shri D. K. Mohanty,
Chief Engineer, Water Services

To

The JSW Utkal Steel Ltd.
Plot No. 3, Forest Park,
Sishubhawan Square,
Bhubaneswar – 751009.

Sub : Availability of 99.80 cusecs of water for the setting up of a Greenfield Integrated Steel Plant of capacity 13.2 MTPA crude steel with 10 MTPA Cement grinding unit and 900 MW Captive Power Plant by M/s JSW Utkal Steel Limited located in Ersama Tehsil,Jagatsinghpur District, Odisha.

Ref: Lr. No. JSW /U/O/2021/224 dt. 23.0.9.2021

Sir,

With reference to the letter subject cited above, it to say that in principle allocation of 117.71 cusecs of water in favour of M/s JSW Utkal Steel Ltd. for their industrial use from a suitable location river Mahanadi have been communicated to the industry vide DoWR Lr. No. 2618/WE dated. 31.01.2018 (Copy enclosed).

Subsequently, the industry has applied for 99.80 cusecs of water from river Mahanadi in place of their earlier requisition. The intake location at Jagatpur in the upstream of river Mahanadi has been finalized by a committee comprising officials of DoWR, IDCO and representatives of JSW Utkal Steel Ltd. The industry has been requested to submit the form "J" through "GO-SWIFT" portal for final allocation of water Vide DoWR Lr. No. 20873 dated. 19.09.2019, the same is not yet applied by the industry.

This is for information and necessary action.

Encl: As above.

Yours faithfully,

30.09.2021
Chief Engineer, Water Services

Memo No _____/Date_____

Copy submitted to the Special Secretary to Govt. DoWR for favour of kind information and necessary action.

30.09.2021
Chief Engineer, Water Services

JSW Utkal Steel Limited

No. JSW/U/O/2021/224 Date: 23.09.2021

To,
The Engineer-In-Chief
Department of Water Resources
BHUBANESWAR

Sub: Availability of 99.80 Cusecs of water for the Setting up of a Greenfield Integrated Steel plant of capacity 13.2 MTPA crude steel with 10 MTPA Cement grinding unit and 900 MW Captive Power Plant by M/s. JSW Utkal Steel Limited located in Ersama Tehsil, Jagatsinghpur District, Odisha.

Ref : 1. Letter No. 2618 dated 31.01.2018 from EIC-cum-SS to Govt., DoWR.
2. Letter No. GM/SLNA/JSW/37/17 dated 31.05.2018 from GM(SLNA), IPICOL.
3. Letter No. 20873 dated 19.09.2019 from Special Secretary to Govt., DoWR.
4. Our Online Proposal No. IA/OR/IND/74396/2018-Environment Clearance.
5. MOM of the 44th meeting of EAC held on 14th Sep 2021 [Para 44.8.25 (iv)]

Sir,

This has with reference to the subject noted above and DoWR vide its letter dated 31.08.2018 & 19.09.2019 as referred under S. No. 1 & 3 have in-principle allocated 99.8 Cusecs of industrial water from Mahanadi Basin and also, communicated the Government's decision regarding the intake location at Jagatpur in the upstream of River Mahanadi for aforesaid Project.

Expert Appraisal Committee (EAC)-Industry-1, MoEFCC, GoI while appraising of our project for prior Environmental Clearance on 14th Sept, 2021 ***[Extract of the MoM # Para 44.8.25 (iv)** is attached herewith for ready reference]* have requested the following confirmation;

> ***"the claim by Project Proponent that enough water is available needs to be confirmed by Authorities managing water in the State".***

In view of the above, our earnest request you to confirm that 99.80 Cusecs of industrial water will be made available for setting up of the said project near Paradip, located in Ersama Tehsil, Jagatsinghpur District, Odisha in line with the letter issued to JSW Utkal Steel Ltd. in order to comply above observation.

Thanking You,

Yours Faithfully
For JSW Utkal Steel Ltd.

23/09/21

[BASWARAJ M. DALGADE]
Authorized Signatory

Encl.: As Above

Copy To: The Principal Secretary, Industries Dept., Govt. of Odisha-For kind information.

Plot No.3, Forest Park, Shishubhawan Square
Bhubaneshwar 751009, Odisha
T +91 674 2596117

Registered Office
JSW Centre
Bandra Kurla Complex
Bandra East, Mumbai 400 051
CIN. : U27209MH2017PLC301887
T +91 22 4286 1000
F +91 22 4286 3000
www.jsw.in

A JSW Group

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13/2/18

18

URGENT/BY FAX

Government of Odisha
Department of Water Resources
*****

No. 2618 /WR., Date: 31/01/2018
WR-MAJII-WRC-0025/2017 (OSWAS)
Irr.-II-WRC-43/18 (Physical)

From

Er. H.K. Behera,
EIC-cum-Special Secretary to Government.

To

The Chief, Odisha Project,
M/s JSW Ltd., JSW Centre, Bandra Kural Complex,
Bandra (East), Mumbai. Fax No.-9122-42863000.

Sub: Water availability for the proposed Steel Plant by M/s JSW Steel Ltd..

Ref:- Your Letter No.-03 dated 20.07.2017 addressed to CMD, IPICOL.

Sir,

In inviting reference on the subject noted above, I am directed to say that Government in Department of Water Resources have been pleased for in-principle allocation of 117.71 cusecs (12000 cum/ hr) of water in favour of M/s JSW Steel Ltd., for their proposed Greenfield 12 MTPA Integrated Steel Plant, IOPP of Capacity 32 MTPA with Captive Port and 900 MW Co-Generation Captive Power Plant from a suitable location over river Mahanadi to be identified by Department of Water Resources.

This is for information and necessary action.

Yours faithfully,

31/1/18

EIC-cum-Special Secretary to Government

Memo No. 2619 **/WR Dtd.** 31/01/2018 /

Copy forwarded to the CMD, IPICOL/ EIC, WR, Secha Sadan, Bhubaneswar/ CE, Water Services, O/o the EIC, WR/ CE, FC & BM, LMB, Bhubaneswar/ Industries Department/ Steel & Mines Department for information and necessary action.

31/1/18

EIC-cum-Special Secretary to Government

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up in file

Government of Odisha
Department of Water Resources

*****

No. 20823 /WR., Date: 19/9/19
Irr.-II-WRC-44/19

From

Sri Pradeep Kumar Dash, OAS (SS),
Special Secretary to Government.

To

Sri. S. N. Singh,
General Manager, M/s JSW Utkal Steel Ltd.
JSW Centre, Bandra Kurla Complex,
Bandra (East), Mumbai-400051.

Sub: Application for drawal of surface water from river Mahanadi by M/s JSW Utkal Steel Ltd. for their 13.2 MTPA Integrated Steel Plant with Captive Jetty & 900 MW Captive Power Plant at paradip in Jagatsinghpur Dist..

Sir,

I am directed to invite reference to the subject noted above and to say that Government in Department of Water Resources have been pleased for in-principle allocation of 117.71 cusecs of water from river Mahanadi in favour of M/s JSW Utkal Steel Ltd. for their Industrial use from a suitable location over river Mahanadi vide this Department LetterNo. 2618 WR dated-31.01.2018.

Subsequently, the Industry has applied for 99.80 cusecs of water from river Mahanadi in place of their earlier requisition. In the meantime, as per the decision taken in the meeting held under the Chairmanship of Chief Secretary, Odisha, the committee comprising (officials of DoWR, IDCO & reprsentatives of JSW Utkal Steel Ltd.) has finalised the intake location at Jagatpur in the upstream of river Mahanadi.

You are therefore, requested to submit the Form 'J' along with required fees through GO- SWIFT Portal for final allocation of water.

Yours faithfully,

18/9/19
Special Secretary to Government

Memo No. 20824 /WR Dtd. 19/9/19

Copy forwarded to the EIC, WR / CE, Water Service, O/o EIC, WR for information and necessary action.

18/9/19
Special Secretary to Government

ENCLOSURE 2

GOVERNMENT OF ODISHA
FOREST & ENVIRONMENT DEPARTMENT
*****

No.10F (Cons) 36/19 20649 /F&E, Bhubaneswar, dated the 30-10-19

ORDER

Sub: Proposal for transfer of final forest clearance for 1083.69ha forest area (out of 1253.225ha) in favour of M/s JSW Utkal Steel Ltd., which was granted vide this Ministry's letter dtd.04.05.2011 for diversion of 1253.225ha forest land for establishment of Integrated Steel Plant and Captive Port in Jagatsinghpur District of Odisha by POSCO-India Pvt. Ltd.

WHEREAS, M/s JSW Utkal Steel Ltd. had applied for transfer of final forest clearance for 1083.69ha forest area (out of 1253.225ha) which was granted vide this Ministry's letter dtd.04.05.2011 for diversion of 1253.225ha forest land for establishment of Integrated Steel Plant and Captive Port in Jagatsinghpur District of Odisha by POSCO-India Pvt. Ltd.

And whereas, the Ministry of Environment, Forest & Climate Change (hereinafter referred to as MoEF&CC), Govt. of India, New Delhi had accorded its approval for transfer of final forest clearance for 1083.69ha forest area (out of 1253.225ha) in favour of M/s JSW Utkal Steel Ltd., which was granted vide this Ministry's letter dtd.04.05.2011 for diversion of 1253.225ha forest land for establishment of Integrated Steel Plant and Captive Port in Jagatsinghpur District of Odisha by POSCO-India Pvt. Ltd vide its letter F.No.8-63/2007-FC dtd.16.10.2019 **(Annexure-I)** under Forest Conservation Act, 1980 with the following conditions.

(i) Legal status of the diverted forest land shall remain unchanged;

(ii) Transfer of approval granted under the provisions of FCA 1980 shall be in accordance of provisions prescribed in para 5.1 of Chapter 5 of comprehensive guidelines.

(iii) The new user agency shall be allowed to use the diverted forest land with same stipulation as prescribed in the approval granted to erstwhile User Agency.

(iv) New User Agency shall be liable to inherit and pay all liabilities of erstwhile User Agency, if any.

(v) New User Agency is bound to carry out CA as per the stipulations of Stage-II approvals.

(vi) The approval granted under the provisions of FCA 1980 is valid for 30 years w.e.f date on which Stage II approval was granted to the erstwhile User Agency.

(vii) 169.534ha of balance forest land (1253.225ha-1083.69ha) shall be returned back to Forest Department. This land shall be adequately afforested with native forestry species and shall be protected at the cost of new User Agency. In this regards detail plan shall be prepared.

(viii) Lease transfer charges @10% of the NPV or Rs.1,00,000/- (One Lakh) whichever is less will be realized from the new User Agency and will be deposited in the account of CAMPA before execution/ transfer of lease in favour of the new User Agency.

(ix) The new User Agency shall pay the NPV as per the approval granted under FC Act if not paid earlier. The new User Agency shall also furnish an undertaking to pay the additional NPV, if so determined by the Hon'ble Supreme Court of India.

(x) The State Govt. shall ensure complete compliance of the FRA, 2006, if not already done.

(xi) The new User Agency shall abide by all the conditions on which the forest land was leased to the original User Agency.

(xii) The new User Agency shall abide by any other condition that may be stipulated, with the approval of competent authority, by the Central Government/ Concerned regional Office/ State Government in future in the interest of conservation, protection and development of forests & wildlife.

(xiii) The User Agency shall submit the annual self-compliance report in respect of the stipulated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year, and

(xiv) The User Agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and National Green Tribunal Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project.

Besides, the conditions imposed in Ministry's order, the User Agency is also to comply with the following additional conditions imposed by the State Govt.

a) The new project proponent shall seek diversion of such extent of land under FC Act, 1980 before the said extent of land is used for non-forest purpose, in case any portion of non-forest land of 272.51acres certified by the Tahasildar, Erasama as on 25.10.1980 is found to be of forest kisam as on that date on a later stage.

b) Map of RF/PF land required for the project indicating boundary pillars in A3/A4 size paper duly authenticated by DFO, Rajnagar (Mangrove) Division shall be furnished.

c) Minutes of the meeting of HLCA of State Government dt.02.06.2017 shall be furnished.

d) Memorandum of Association, Articles of Association and Certificate of Incorporation pertaining to M/s JSW Utkal Steel Limited shall be furnished.

e) Detailed Project Report of the Integrated Steel Plant & CPP and Captive Jetty shall be furnished.

f) Details of EC/CTE/CTO/CRZ clearance obtained for the Integrated Steel Plant & CPP and Captive Jetty by the new user agency shall be furnished.

g) Undertakings as furnished by the project proponent shall be complied with.

h) Funds not deposited by earlier project proponent on account of previous forest clearance shall be deposited by M/s JSW Utkal Steel Limited.

i) The new user agency shall establish & operate a Vocational Training Institute having capacity to impart training in at least 5 disciplines to be decided by the State Govt. for the benefit of the eligible unemployed youth in the Project affected village.

j) The new user agency shall set up an independent Social Welfare Department Division and follow the subsequent conditions of the Project affected in such a way as to understand their socio-economic conditions before and after the project and take such corrective measures as are necessary to restore them to their original or better than original condition.

Now, therefore, Govt. of Odisha do hereby allow as per approved land use pattern subject to fulfillment of the conditions of forest clearance order as stipulated by the MoEF&CC, Govt. of India, New Delhi and also conditions imposed by State Govt. at above. Detailed land schedule of the diverted forest land of 1083.69ha duly authenticated by the Tahasildar, Erasama appended herewith as **Annexure-II.**

The Collector, Jagatsinghpur district, and DFO, Rajnagar Mangrove (WL) Division are authorized to hand over the diverted forest land to the User Agency subject to having valid lease and compliance of courts order if any, following due procedure of law. Before handing over the diverted forest land to the User Agency it shall be ensured that Net Present Value of forest land for this project as well as for any other projects, belonging to same User Agency, is deposited, in full, at applicable rates.

The Divisional Forest Officer, Rajnagar Mangrove (WL) Division is also directed to monitor compliance to the conditions stipulated for such diversion in the respective forest/ wildlife clearance order and to report violations, if any, to the Nodal Officer, O/o the PCCF, Odisha and to the Forest & Environment Department.

Execution of project activities will be subject to having valid lease and availability of all other statutory clearances required under relevant Act/ Rules for this mining project, deposit of requisite funds and compliance of Court's order if any.

By order of Governor

30/12/19

(Debidutta Biswal)
Special Secretary to Government

Memo No. 20650 /F&E, Dated: 30-12-19

Copy along with the copy of Annexure-I & Annexure-II referred above forwarded to the Principal Chief Conservator of Forests, Odisha for kind information and necessary follow up action.

Appropriate instruction to the Divisional Forest Officer, Rajnagar Mangrove (WL) Division & the User Agency may be imparted for required follow up action at their end. It may be ensured by the Divisional Forest Officer that compensatory levies including NPV, as due, in this project of User Agency as well as for any other projects of the same agency, is deposited by them in appropriate head of account in full, at applicable rates. The User Agency may also be instructed to furnish compliance to the conditions of forest/Wild life clearance pertaining to the project in every quarter to the Divisional Forest Officer, Rajnagar Mangrove (WL) Division for facilitating monitoring of compliances.

30/12/19

Special Secretary to Government

Memo No. 20651 /F&E, Dated: 30.10.19

Copy along with the copy of annexures as above forwarded to the Asst. Inspector General of Forests, Government of India, MoEF&CC (FC Division), Indira Paryavaran Bhawan, Jor Bagh, Aliganj Road, New Delhi, Pin-110003/Addl. Director General of Forest (Central), MoEF&CC, Government of India, ERO, A/3, Chandrasekharpur, Bhubaneswar for kind information and necessary follow up action in compliance to the order of the Hon'ble NGT dtd.07.11.2012 in Appeal No.7/2012 communicated by the MoEF, Govt. vide their F.No.7-23/2012-FC dtd.24.07.2013.

30/10/19

Special Secretary to Government

Memo No. 20652 /F&E, Dated: 30-10-19

Copy along with the copy of annexures as above forwarded to the PCCF (WL) & CWLW, Odisha/ Director, Environment, F&E Department/ Member Secretary, State Pollution Control Board, Odisha/ Chairman-cum-Managing Director, IDCO, Bhubaneswar for information and necessary action.

30/10/19

Special Secretary to Government

Memo No. 20653 /F&E, Dated: 30-10-19

Copy along with the copy of annexures as above forwarded to the Regional Chief Conservator of Forests, Bhubaneswar Circle / Divisional Forest Officer, Rajnagar Mangrove (WL) Division for information and immediate necessary compliance.

It may be ensured by the Divisional Forest Officer that compensatory levies including NPV, as due, for this project of user agency as well as for any other projects of the same user agency, shall be deposited by them in full at applicable rates in appropriate head of account before allowing use of the forest land by the user agency. Besides, any other funds due to be deposited by the user agency in this project shall also be deposited by the agency before the forest land is allowed to be utilized for the purpose. The user agency may also be instructed to furnish compliance to the conditions of forest/Wild life clearance pertaining to the project in every quarter to the Divisional Forest Officer concerned for facilitating, monitoring of compliances by them.

The Divisional Forest Officer, Rajnagar Mangrove (WL) Division is also instructed to ensure that the direction given to the user agency are executed immediately.

30/10/19

Special Secretary to Government

Memo No. 20654 /F&E, Dated: 30-10-19

Copy along with the copy of annexures as above forwarded to the Steel & Mines Department/ Industries Department / Commerce & Transport Department /Collector, Jagatsinghpur for information and necessary follow action.

30/10/19

Special Secretary to Government

Memo No. 20655 /F&E, Dated: 30-10-19

Copy along with the copy of annexures as above forwarded to the Private Secretary to Minister of Forest & Environment Department for kind information of Hon'ble Minister.

30/10/19

Special Secretary to Government

Memo No. 20656 /F&E, Dated: 30-10-19

Copy with copy of the enclosure forwarded to the Director, M/s JSW Utkal Steel Limited, Plot No.3, Forest Park, Shishubhawan Square, Bhubaneswar-751009, Odisha for information and necessary action.

The user agency is asked to take following actions immediately as per orders of Hon'ble National Green Tribunal dtd.07.11.2012 in Appeal No.7/2012 communicated by the MoEF, Government vide their letter F. No.7-23/2012-FC dtd.24.7.2013.

(i) *They shall publish the entire forest clearance granted in verbatim along with conditions and safeguards imposed by the Central Government in two widely circulated daily*

newspapers, one in vernacular language and the other in English language so as to make people aware of the permission granted to the Project for use of forest land for non-forest purposes.

(ii) ***They shall submit the copies of forest clearance orders granted by the Central Government/State Government to the Heads of local bodies and Municipal bodies along with the relevant offices of the State Government, who in turn, shall display the same for 30 days from date of receipt.***

(iii) ***Detailed action taken in compliance to the above order of State Government shall be intimated to the DFO, Rajnagar Mangrove (WL) Division/RCCF, Bhubaneswar Circle/ PCCF, Odisha/ Forest & Environment Department for reference.***

Besides the above, the user agency is also asked to deposit compensatory levies including NPV, as due for this project and for any other projects belonging to him in full, if not deposited yet, at applicable rates. Also requisite funds due for deposit by the agency on account of this project shall also be deposited under appropriate head.

The user agency shall furnish compliances to the conditions prescribed in the forest/ wildlife clearance order to the Divisional Forest Officer, Rajnagar Mangrove (WL) Division in every quarter, for the purpose of monitoring by him.

30/10/19
Special Secretary to Government

Memo No. 20657 /F&E, Dated: 30.10.19

Copy with copy of enclosure forwarded to the O.I.C., State Portal, N.I.C., I.T. Department, Odisha Secretariat, Bhubaneswar for information and necessary action. They are requested to upload this letter along with enclosed forest clearance order of Government of India, MoEF&CC, New Delhi in the website of Forest & Environment Department **immediately** for information of all concerned. **This is required in compliance to order of Hon'ble National Green Tribunal dt.07.11.2012 in Appeal No.7/2012. Hence this may be done unfailingly.**

30/10/19
Special Secretary to Government

Memo No. 21658 /F&E, Dated: 30.10.19

Copy with copy of enclosure forwarded to the Under Secretary to Government, Office ~~Establishment Section~~, F&E Department for information and ~~necessary action~~ with reference to their letter No.21646/F&E Dt. 22.11.2016.

30/10/19
Special Secretary to Government

ANNEXURE-I

PRINCIPAL SECRETARY TO GOVT. FOREST & ENV. DEPARTMENT 17 OCT 2019

F. No 8-63/2007-FC
Government of India
Ministry of Environment, Forests and Climate Change
(FC Division)

Indira Paryavaran Bhawan,
Aliganj, Jor Bag Road,
New Delhi - 110003.

Dated: 16th October, 2019

To,

The Principal Secretary (Forests),
Government of Odisha,
Bhubaneswar.

Sub: Proposal for transfer of final forest clearance for 1083.69 ha forest area (out of 1253.225 ha) in favour of M/s JSW Utkal Steel Ltd., which was granted vide this Ministry's letter dated 04.05.2011 for diversion of 1253.225 ha forest land for establishment of Integrated Steel Plant and Captive Port in Jagatsinghpur District of Odisha by POSCO-India Pvt. Ltd.

Sir,

I am directed to refer to the Govt. of Odisha's letters No. 10F (Cons)-164/2018/25069/F&E dated 19.11.2018, No 13942/9F(MG)-159/06 dated 07.08.2019 and 10F (Cons)-164/2018/3785/F&E dated 20.02.2019 in connection with transfer of final forest clearance in favour of M/s JSW Utkal Steel Ltd., which was granted vide this Ministry's letter of even number dated 04.05.2011 for diversion of 1253.225 ha forest land for establishment of Integrated Steel Plant and Captive Port in Jagatsinghpur district of Odisha by POSCO-India Pvt. Ltd. The said proposal has been examined by the Forest Advisory Committee constituted by the Central Government under Section-3 of the aforesaid Act.

After careful examination of the proposal of the State Government and on the basis of the recommendations of the Forest Advisory Committee, ***approval*** of the Central Government under Forest(Conservation) Act, 1980 is hereby granted for transfer of final forest clearance for 1083.69 ha forest area (out of 1253.225 ha) in favour of M/s JSW Utkal Steel Ltd., which was granted vide this Ministry's letter dated 04.05.2011 for diversion of 1253.225 ha forest land for establishment of Integrated Steel Plant and Captive Port in Jagatsinghpur District of Odisha by POSCO-India Pvt. Ltd. subject to the following conditions:

i. Legal status of the diverted forest land shall remain unchanged;
ii. **Transfer of approval granted under the provisions of FCA 1980 shall be in accordance of provisions prescribed in para 5.1 of Chapter 5 of comprehensive guidelines.**
iii. **The new user agency shall be allowed to use the diverted forest land with same stipulation as prescribed in the approval granted to erstwhile user agency.**
iv. **New user agency shall be liable to inherit and pay all liabilities of erstwhile user agency, if any.**
v. **New user agency is bound to carry out CA as per the stipulations of Stage-II approvals.**
vi. **The approval granted under the provisions of FCA 1980 is valid for 30 years w.e.f. date on which stage II approval was granted to the erstwhile user agency.**
vii. **169.534 ha of balance forest land (1253.225ha-1083.69ha) shall be returned back to forest department. This land shall be adequately afforested with native forestry species and shall be protected at the cost of new user agency. In this regards detail plan shall be prepared.**

16.10.19

viii. Lease transfer charges @ 10% of the NPV or Rs. 1,00,000/- (1 Lakh) whichever is less will be realized from the new user agency and will be deposited in the account of CAMPA before execution/transfer of lease in favour of the new user agency.

ix. The new user agency shall pay the NPV as per the approval granted under FC Act if not paid earlier. The new user agency shall also furnish an undertaking to pay the additional NPV, if so determined by the Hon'ble Supreme Court of India.

x. The State Govt. shall ensure complete compliance of the FRA, 2006, if not already done.

xi. The new user agency shall abide by all the conditions on which the forest land was leased to the original user agency.

xii. The new user agency shall abide by any other condition that may be stipulated, with the approval of competent authority, by the Central Government/Concerned Regional Office/State Government in future in the interest of conservation, protection and development of forests & wildlife.

xiii. The User Agency shall submit the annual self - compliance report in respect of the stipulated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year; and

xiv. The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and National Green Tribunal Order(s) pertaining to this project, if any, for the time being in force, as applicable to the project.

Yours faithfully,

(Sandeep Sharma)
Assistant Inspector General of Forests

Copy to:

1. The Principal Chief Conservator of Forests, Government of Odisha, Bhubaneshwar.
2. The Nodal Officer, O/o the PCCF, Government of Odisha, Bhubaneshwar.
3. The Dy. Director General (Central), Regional Office, Bhubaneshwar.
4. User Agency
5. Monitoring Cell of FC Division, MoEF&CC, New Delhi.
6. Guard File

File No.DEVLOP-20/1/2021-DEVELOPMENT-JAGATSINGHPUR COL I/55666/2021

PROCEEDING OF THE MEETING ON ISSUES OF THE PROPOSED M/S JSW UTKAL STEEL LTD. HELD ON DT.10.11.2021 AT 11.00 A.M. IN SADBHABANA SABHAGRUHA, COLLECTORATE, JAAGATSINGHPUR

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A meeting to discuss about the issues pertaining to the proposed M/s JSW Utkal Steel Ltd. was held on 10th November 2021 at 11.00 A.M. in Sadbhabana Sabhagruha, Collectorate, Jagatsinghpur under the Chairmanship of Collector and District Magistrate, Jagatsinghpur. The members present in the meeting is annexed at ***ANNEXURE-'A'.***

At the outset, the Chairperson welcomed all the participants of the meeting and briefly discussed about the objective of the meeting and inviting the elected representatives like the PRI members, President and Secretaries of Village Committees and Jungal Suraksha Committees from the proposed M/s JSW Utkal Steel Ltd. acquired area to place their opinion regarding the various compensation items.

Sj. Raghunandan Das, Hon'ble Minister, I & PR and WR Deptt. thanked the participants for attending the meeting. He expressed his pleasure that it is pride for us that a great investment will be done in Jagatsinghpur District which will bring prosperity to the door steps of the local Villagers. He requested the people to cooperate with the project which is being done in the larger interest of the State as well as the Country.

Dr. Rajashree Mallick, Hon'ble M.P., Jagatsinghpur also thanked all the participants and requested for the cooperation of the local villagers for the upcoming of the proposed Integrated Steel Plant (ISP).

The S.P., Jagatsinghpur also thanked the participants for attending the meeting. He said that Administration is only the facilitator between the proposed project proponent and the local villagers. He also invited the opinion of the local villagers for discussion.

Then, Sri Ranjan Nayak, Chief Operating Officer, M/s JSW Utkal Steel Ltd. welcomed all the participants and instructed the other officials of M/s JSW Utkal Steel Ltd. to deliberate about the proposed compensation package and also the future plans of M/s JSW Utkal Steel Ltd. Then Mr. Bibhudendra Panda, V.P., Project, Mr. Prasant Biswal, Odisha Head, CSR & Corporate Relations and Mr. Baswaraj Dalgade, G.M. Project briefly apprised the house about the M/s JSW Utkal Steel Ltd. and also future activities of the proposed ISP which is detailed below.

Following are the CSR activities which M/s JSW Utkal Steel intends to undertake:

Health:

1. The existing Balitutha PHC is proposed to be upgraded to 10 bedded hospital with facilities and medical equipment's such as portable X-Ray, ECG, other diagnosis devices, Oxygen cylinder facility etc for the community.

2. Doctor and para medical staffs are already deployed and working at PHC Balitutha which is proposed to be continued.

3. The new Building construction for PHC Balitutha is planned to be started by the end of this year.

4. It was also proposed to start a Mobile Health Unit (MHU) for the three affected villages especially for elders, women and Children.

5. A 200 bed multispecialty Hospital is also proposed as a long term plan under CSR activities of JSW for the affected communities.

Education:

1. Three (3) schools have already been provided support for High School transformation under Mo-School Abhiyan in Jagatsinghpur district including Gadakujanga High School. Other Schools are also expected to be taken up in collaboration with district administration in a phased manner.

2. Scholarship scheme is already launched to support meritorious students from economically weaker families for higher professional education.

3. A model school in line with Jindal Vidya Mandir (JVM) Schools to proposed to be established as a long term CSR activity of JSW for the affected communities.

Sports:

1. A play ground is planned to be developed in the vicinity of ISP area for promotion of sports.

2. Sports kits to be provided to local youth and school students for promotion of sports.

Livelihood & Skill Development:

1. 500 local youth and 1000 local women are planned to be provided with need based / market oriented skill development training every year for a term of 3 years.

2. Pilot programs for promotion of livelihood for women SHG is planned to be taken up in a phased manner starting with 20-30 SHGs in the first phase.

3. A skill development institution in the locality is proposed to be established in collaboration with Govt. and other agencies on PPP mode.

4. A rural BPO is planned to be established in Jagatsinghpur district to train and engage around 100 local youth.

5. 10 mechanised boats are proposed to be provided to local fishing communities over a period of 3~4 years for livelihood promotion.

Social Infrastructure Development:

1. Solar Street lights are planned to be installed in all 3 Gram Panchayats and adjacent area of proposed ISP. On an average of 100~200 street lights per year are planned to be installed based on priorities.
2. Around 8 KM of rural road construction within 3 Gram Panchayats of proposed ISP are planned to be taken up based on need basis in phased manner over a period of 3~4 years.

Waste Management:

1. Waste management program is planned to be taken up in the 3 Gram Panchayats of proposed ISP with introduction of public dustbins, waste collection mechanism and composting facility in collaboration with local community.

Environment:

1. Mangrove restoration programme is proposed to be taken up by JSW in collaboration with Govt. and other corporates in coastal areas of Odisha starting with Jagatsinghpur district to protect the coast from soil erosion and natural calamities.
2. Plantation activities will be taken by the team in the affected area.
3. Fruit bearing sapling will be distributed to the villagers with the intention to promote kitchen gardening.

Drinking Water & Sanitation:

1. JSW shall explore ways to contribute to the upcoming mega piped drinking water program of Govt. of Odisha in ensuring availability of safe and reliable drinking water to people in all the three Gram Panchayats of proposed ISP in PPP mode.
2. Different awareness generation program on sanitization & hygiene is proposed be taken up by our team in coordination with Dist. Adm.

Women Empowerment

Different training and exposure visits program is proposed to be conducted for women and adolescent girls on different subjects and keens for their holistic development.

All the aforementioned CSR activities will be carried out with cooperation from the villagers and in consultation with the prior approval from the District Administration.

Thereafter, discussion was conducted on the following issues:

A. **Discussion on Engagement**

- During the discussions, concern was raised for providing engagement. The demand was for preferential engagement in the plant as per their eligibility and qualification. Also the villagers demanded for training to upgrade their skill and to make themselves ready for future engagements. They wanted one person from each family of the land losing village, to be covered so as to ensure secured source of livelihood.

In this context it is proposed that,

(i) The Project Proponent will provide / cause to provide engagement to approximately 100 people in phases depending on the project progress and the requirement thereof, from the land losing villages, to speed up the survey and boundary demarcation and construction purposes and other allied / ancillary project activities

(ii) Subsequently the project proponent will start the door-to-door **survey** in the land losing villages to identify

a. The nominated member of the family for engagement.
b. His / her level of skill and the gap to make them employable

- The nominated member must be in the age group of 18 to 32 years.

The project proponents will try to provide engagement, directly or indirectly, to **one member from one ration card holder family** of the land losing villages, in phase wise manner, in any of its' establishment including group company / associated company / contractors of the plant or project / agencies, anywhere in India.

In this regard, the project proponent is planning to take upto 1000 people, in phases, from the land losing villages, to their different Steel plants located across India for engagement directly / indirectly, through the group / associated company's project or through contractor or agencies.

The process of conducting interviews and shortlisting the suitable candidates will be conducted by the Company in phased manner. Proper advertisement will be circulated prior to commencement of selection process. Subject to their interest and eligibility, the candidates will be put to training, if required, prior to engagement.

(iii) The **ration card holder of the land losing villages will be treated as eligible family unless and otherwise specifically excluded. The members listed in the ration card will be treated as one family**.

(iv) The cut-off date for eligibility for engagement would be the date of issuance of proclamation notice in the said village. The list of land losing villages include Polang, Bayanalakandha, Jatadhara, Nuagaon, Gobindpur, Patana, Dhinkia and Mahala.

Training, free of cost, will be provided to the displaced families who are losing their land for the establishment of the project

B. Discussion on Different types and quantum of Compensation over and above Odisha R & R Policy

1. **Betel Vine demolition**

a. **Compensation for Betel Vine Demolition:** The betel vine compensation was Rs. 11,50,000 per Ac. i.e. Rs. 11,500 per dec. during the erstwhile project proponent i.e. POSCO-India. After a lot of deliberation and discussion with all the stakeholder the compensation for betel vine demolition was enhanced to Rs. 17,50,000/- per Ac. i.e. Rs. 17,500/- per dec. Subsequent to removal of the betel vine and approval of District Administration, the compensation at the above rate will be paid/ transferred directly by JSW Utkal Steel Limited to the Beneficiary's bank account vide cheque/bank transfer. The payment will be carried out after physical demolition and removal of betel vine structure and debris from the site. The whole process of demolition and payment of compensation will be photographed / videographed and necessary documentation will be carried out before and during disbursal of the compensation.

In this regard there will be committee(s) consisting of the officers of District Administration, Police personnel and the company representative who would frame the SOP (Standard Operation Procedure) regarding identification, measurement, location, removal and disbursement of compensation

b. Besides there would a provision **for an additional bonus of Rs 50,000/- per new betel vine** if the betel vine owner demolishes the same within 15 days of announcement of commencement of betel vine removal in the said village.

c. During the meeting with the Gobindpur villagers it was alleged that even though some of the betel vines were demolished but payment of compensation was not released. The above committee would examine the documentary evidence / Government letters etc. placed before it by the claimant to find out the genuineness of the claim. Only upon certification of the District Administration the compensation would be released at the new rate by the project proponent. Disbursement will commence after all the Betel vines are cleared from the project site, or the construction of the boundary wall is completed whichever is later.

d. **Differential compensation payment for old demolished Betel Vine:** It is being disclosed that nearly 1118 betel vines were removed and compensation was disbursed by the

earlier project proponent. These betel vine owners requested for release of the differential rate. Accordingly, it was decided that the differential of rate (new rate – old rate) amounting to Rs. 6,00,000/- per Ac. i.e. Rs. 6,000/- per dec. will be released to those betel vine owners who have received .compensation during POSCO period. The District Administration will ascertain the owners of old betel vine who had received payment earlier.

Upon approval of list by the District Administration the differential amount calculated @ 6000/- per decimal will be paid directly by JSW Utkal Steel Limited to the Beneficiary bank account vide cheque/bank transfer. However, disbursement will commence after all the Betel vines are cleared from the project site, or the construction of the boundary wall is completed, whichever is later.

e. **Labour Compensation:** Earlier there was a practice that the betel vine owner will nominate one / two labour depending on the size of the betel vine. However, there was ambiguity in nominating the labours and the actual labours were left out. Besides one particular labour is not constantly attached to any single betel vine throughout the year.

Further, Odisha R & R Policy, 2006 read along with the binary revisions. (Govt. of Odisha notification no. RDM-RRC-MISC-0002-2018-15800 dt. 25.05.2021) stipulates the monthly allowance of Rs 3640/- for each displaced family for one year.

With an objective to avoid all confusion and to cover larger number of beneficiaries it was decided that the families of the **land losing villages** who have not received Betel vine compensation or who have not received any labour compensation/ allowance during the earlier process of removal of betel vine (Nolia Sahi) will be paid ***Rs 88,000 in toto in two phases:***

(a) Rs 44,000/- as one-time labour compensation after all the Betel vine is cleared from the project site. In the meanwhile, the list of eligible families / beneficiaries along with the bank details to receive the labour compensation will be finalized.

(b) Rs 44,000/- as ***one-time additional bonus / ex-gratia*** *"after completion of boundary wall of the entire project area"*

However, the villages where the betel vine is already removed the eligible families will be paid Rs 44,000/- under clause (a) towards labour compensation after the demarcation of the boundary wall is complete. The balance Rs 44,000/- towards ex-gartia compensation will be released after the boundary wall construction is completed.

As mentioned earlier, the land losing village refers to those eight revenue villages from where the land is proposed to be acquired or alienated and the Family means who holds a ration card on the date of issuance of proclamation and all the members listed in the ration card will constitute one family.

- The list of eligible families of the land losing villages, as per the Ration card holder list will be provided by the District Administration.

- This compensation will be paid directly by JSW Utkal Steel Limited to the Beneficiary bank account vide cheque/bank transfer.
- The whole process of payment of compensation will be well documented before and during disbursal of the payment.

2. **Compensation for Fruit Bearing Trees:** The Horticulture Department officials in presence of Revenue officers and company representatives will carry out the survey and valuation of fruit bearing trees in the proposed acquired area of the project. The valuation will be as per the prescribed Government rate as on today for different varieties of trees.

It was decided that a committee will be formed by the District Administration consisting of the District Horticulture officials, Revenue Officer, Police personnel and company representatives. This committee will verify the claim of the beneficiaries. After approval of the District Administration, the above compensation will be paid to the beneficiaries by JSW Utkal Steel Limited. In case of individual or village committee/ Jungle surakhya committee the compensation will be released to their respective bank account. The payment will be released after physical cutting and removal of fruit bearing trees from the site. The whole process will be documented prior to release of the payment.

3. **Compensation for Prawn Pond:** After a lot of deliberation and discussion, it was decided to increase the compensation for functional Prawn Pond from Rs. 2,00,000/- per acre to Rs. 2,50,000/- per Acre. The compensation of prawn pond will be given either to individual owner or to the village committee/forest committee as the case may be. To claim the compensation, the beneficiary must produce the permission from competent authority.

The site survey, measurement of the Prawn Pond/gheri will be carried out by the Committee formed by District Administration. Upon approval by District Administration the compensation will be paid directly by JSW Utkal Steel Limited to the Beneficiary bank account vide cheque/bank transfer. The payment will be released after physical demolition of prawn pond from the site. The whole process of demolition and payment of compensation will be photographed, videographed and documented before and during disbursal of the compensation.

4. **Compensation to different village Jungle Surakhya Committees:**

The forest inside the villages is protected by different Jangal Surakhya Committees. It was decided to give each family of the affected village, associated with the respective Jangal Surakhya Committee Rs **50,000/- as one-time cash compensation**. The cheque/bank transfer will be released directly to the individual families and not to the Jangal Surakhya Committee. There will not be any payment against the Jungle already cut earlier.

During the discussion the tentative number of families associated with the respective Committee was immersed, which is listed as follows

i. Nabeghara Jungle Surakhya Committees, Nuagaon – 267 ;
ii. Balisahi Jungle Surakhya Committees, Nuagaon- 303 ;
iii. Maa Tentulai Jungle Surakhya Committees, Govindpur – 250;
iv. Maamangala Jungle Surakhya Committees, Govindpur – 320;
v. Ramachandi Jungle Surakhya Committees, Govindpur – 170;
vi. Akhandalamani Jungle Surakhya Committees, Nuagaon – 183;
vii. Patana Jungle Surakhya Committees, Dhinkia – 442.

These numbers would be verified from related documents of the last three years like their resolution register, bank account, money remitted to the families etc. However not more than one member of a single family as per Ration card will get this compensation. The list of families, will be approved by the District Administration prior to release of the compensation.

However, all these payments will be released after the trees over the Project site are completely cut / uprooted followed by completion of construction of boundary wall. The whole process of demolition and payment of compensation will be documented before and during disbursal of the payment.

All the PRI members and Village leaders earnestly requested the Collector and District Magistrate to make field visit to the ground level and to make discussion on the issues of the proposed M/s JSW Utkal Steel Ltd. with the affected Villagers for their betterment. The Collector & D.M. accepted the proposal and gave assurance to make field visits to the affected areas very shortly.

Smt. Chinmayee Biswal, Addl. District Magistrate, Jagatsinghpur thanked all the participants for attending the meeting. The meeting ended with Vote of Thanks to the Chair.

13/12/21

Collector & District Magistrate
Jagatsinghpur

Memo No.14528***/Dt.***13***/***12***/2021***
Copy forwarded to all concerned for information and necessary action.

13/12/21

Collector & District Magistrate
Jagatsinghpur

Attendance sheet of the members present in the meeting to discuss about the issues pertaining to M/s JSW Utkal Steel Ltd. held on the Dt.10.11.2021 at 11.00 A.M. in Sadbhaban Sabhagruha, Collectorare, Jagatsinghpur

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Sl No.	Name of the participants with designation	e-mail Id	Mobile No.	Signature
1	Sj. Raghunandan Das, Hon'ble Minister, I & PR and WR Deptt., Govt. of Odisha, Bhubaneswar			10/11/21
2	Dr. Rajashree Mallick, Hon'ble M.P., Jagatsinghpur			10/11/21
3	Smt. Parul Patawari, I.A.S., Collector and District Magistrate, Jagatsinghpur			10/11/21
4	Sri Akhileshvar Singh, I.P.S., S.P., Jagatsinghpur			
5	Sri Sachidananda Sahoo, O.A.S.(SAG), Addl. District Magistrate, Jagatsinghpur			10.11.2021
6	Dr. Kanhu Charan Dhir, O.A.S. (SAG), Addl. District Magistrate, Paradeep			10/11/2021
7	Smt. Chinmayee Biswal, O.A.S.(S), Addl. District Magistrate, Jagatsinghpur			
8	Sri Ranjan Nayak, COO, M/s JSW Utkal Steel Ltd.			
9	Sri Kailash Chandra Behera, B.D.O., Erasama		9438035919	10/11/21
10	Sri Soumyashree Panigrahi, B.D.O., Kujang	soumya.ods@gmail.com	7008601161	10/11/21
11	Choudhury Prajnananda Das, Tahasildar, Erasama	das.prajnanand@gmail.com	7205839795	10.11.21
12	Smt. Pritiparna Mishra, Tahasildar, Kujang	pritimishra1504@gmail.com	9438327899	10/11/2021

13	Sri Sourindra Kumar Routray, E.O., Paradeep Municipality	sdurya@gmail.com	9437163201	10.11.21.
14	Sri Nimain Charan Das, S.E., R & B, Jagatsinghpur			
15	Sri Ananta Gopal Satpathy, E.E., RD, Jagatsinghpur		9437255340	
16	Sri Pratap Kumar Satpathy, S.E., Irrigation Division, Jagatsinghpur	eejspurtrr@gmail.com	7978136819	10/11/21
17	Sri Kishore Kumar Kabi, E.E., R.W.S & S, Jagatsinghpur		9583045957	10/11/21
18	Sri Dinesh Kumar Mishra, Asst. Collector, JSW Cell		7503171632	10/11/21
19	Sri Bibhudendra Panda, VP Project, M/s JSW Utkal Steel Ltd	bibhudendu.panda@jsw.in	9040094854	
20	Mrutyunjaya Mohapatra, G.M., Legal	mm@jsw.in	9861094290	
21	Baswaraj Dalgade, G.M., Project	baswaraj.dalgade@jsw.in	9934311367	10/XI/21
22	Mitrabhanu Choudhury, G.M., Administration	mitrabhanu.choudhury@jsw.in	9937299318	
23	Prasant Biswal, Odisha Head - CSR & Corporate Relations	Prasanta.biswal@JSW.in	9692304060	
24	Rupali kar, PR Media and Communicattion	Rupali kar rupali.kar@jsw.in	9437011940	
25	Anuroopa Patnaik, Asst. Managerr, Legal	anuroopa.patnaik@jsw.in	8594952553	
26	Pranab Kumar Swain, Chairman, Erasama Panchayat Samiti	Pranab swain.r1971.com	9937448408	
27	Smt. Puspanjali Beura, Vice Chairman, Erasama Panchayat Samiti	puspanjali Beura	9938745915	P.Beura

28	Smt. Itishree Bhuyan, Zilla Parishad Member, Zone-4, Erasama Panchayat Samiti		9090666555	Iteeshree Bhuyan
29	Sri Kishore Kumar Parida, Sarapancha, Dhinkia G.P		9937168851	K.K. Parida
30	Sri Bidyadhar Mallick, Sarapancha, Nuagaon G.P.		9090395029	B. Mallick
31	Sri Sampad Kumar Barik, Sarapancha, Gadakujang G..P		9937954509	Sampad Kumar Barik
32	Sri Debendra Swain, P.S. Member, Dhinkia G.P.			
33	~~Sri Narendra Rao, P.S.~~ A. Chhabita Rao Member, Gadakujang G.P		8144491582.	[illegible]
34	Sri Padmalochan Mallick, P.S. Member, Nuagaon G.P.		7894638373	Padmalochan mallik
35	Sandhyarani Patra, MBK, Dhinkia G.P.		9776716808	Sandhyarani Patra.
36	Rinamayee Biswal, MBK, Nuagaon G.P.		8895647126	Rinamayee Biswal
37	Sumati Sahoo, MBK, Gadakujang G.P.		9938794357	sumati Sahoo
38	Sri Rajendra Kumar Behera, Village Leader, Gadakujang Village		9938603298	[illegible]
39	Sri Nakulananda Sahu, Village Leader, Gadakujang Village		9938502312	Nakulananda Sahu
40	Sri Bishnu Charan ~~Nayak~~, Village Leader, Gadakujang Village		[illegible]	[illegible]
41	Sri Natabar Samal, President, Bayanalakandha Village		9777760289	[illegible]
42	Sri Bijaya Kumar Sethy, Secretary, Bayanalakandha Village		9777840287	[illegible]
43	Sri Sankar Das, President, Polanga Village			[illegible]
44	Sri Gobinda Maity, Secretary, Polanga Village		9692726312	Gobinda maity
45	Sri Dhurba Das, President, Bhuyanpala Village		998866026	[illegible]

46	Sri Akshaya Das, Secretary, Bhuyanpala Village		9583773825	
47	Sri Nursingha Behera, President, Noliasahi Village		9938959501	
48	Sri Kishore Behera, Secretary, Noliasahi Village		9777318421	
49	Sri Bhramarbara Sahoo, President, Mathasahi, Nuagaon Village			
50	Sri Bhramarbara Das, Secretary, Mathasahi, Nuagaon Village			
51	Sri Premananda Das, President, Sanagaipali, Nuagaon Village		9776725163	
52	Sri Akshaya Sethy, Secretary, Sanagaipali, Nuagaon Village		9077875045	
53	Sri Mandaradhara Mallick, President, Badagaipali, Nuagaon Village		9556475805	
54	Sri Kabir Mohanty, Secretary, Badagaipali, Nuagaon Village		9938064353	
55	Sri Raghunath Mohanty, President, Dadhibamanapada, Nugaon Village		9938941108	
56	Sri Bhramarbar Behera, Secretary Dadhibamanpada, Nuagaon Village		9178819091	
57	Sri Chahali Swain, President, Ramchandi-Majhipada, Nugaon Village			
58	Sri Prahallad Swain, Secretary, Ramchandi-Majhipada, Nugaon Village		9776586996	
59	Sri Prasant Barik, President, Nabeghara, Nugaon Village		7377848930	
60	Sri Asutosh Das, Secretary, Nabeghara, Nugaon Village		8763165233	

61	Sri Upendra Das, President, Balisahi, Nuagaon Village			
62	Sri Bipin Pradhan, Secretary, Balisahi, Nuagaon Village			
63	Sri Durlav Rout, President, Tentulai VFC, Harijanapada, Gobindpur Village		6372757606	Durlavarout
64	Sri Chandrakant Bhoi, Secretary, Tentulai VFC, Harijanapada, Gobindpur Village		9178741311	Chandrakanta Bhoi
65	Sri Bikash Kumar Bardhan, President, Maa Mangala VFC, Gobindpur Village		9937968116	Bikash Ku Bardhan
66	Sri Dillip Bardhan, Secretary, Maa Mangala VFC, Gobindpur Village		7655008049	Dillip Bardhan
67	Sri Ajaya Padhiary, President, Ramchandi VFC, Gobindpur Village			
68	Sri Sisir Dalai, Secretary, Ramchandi VFC, Gobindpur Village		9090049132	Sisir Dalai
69	Sri Bijaya Barik, President, Akandalamani VFC, Govindpur Village		9937035886	Bijay Barik
70	Sri Deepak Nayak, Secretary, Akandalamani VFC, Gobindpur Village		9556667367	Deepak Ku Nayak
71	Sri Ranjan Bardhan, President, Maa Mangala Yubak Sangha, Govindpur Village		9937772373	Ranjan Bardhan
72	Sri Kailash Chandra Mohanty, President, Village Committee, Patana Vaillage			
73	Sri Suresh Chandra Das, Secretary, Village Committee, Patana Vaillage			

74	Sri Muralidhar Sahoo, President, Village Committee, Dhinkia Vaillage			
75	Sri Akshaya Das, Village Leader, Village Committee, Dhinkia Vaillage			
76	Sri Babaji Rout, Village Leader, Village Committee, Dhinkia Vaillage			
77	Sri Dhanu Dalai, Village Leader, Village Committee, Dhinkia Vaillage		8249910647	
78	Nrusigha Ch. Das, President Trilochanpur Village Committee		9178192614	Nrusingha Charan
79	Prasanna Mohanty, Secretary, Triliochanpur Village Comittee		8118063531	Prasan Mohanty
80	Sibaprada Nanda, AGM JSW	Dibruprada.nanda@jsw.in.	8197016875	
81	Subrat sahoo, AVP JSW			
82	Abhijit Mohanty Sr. Mgr, JSW	abhijit.mohanty@jsw.in	7978317914	
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ENCLOSURE 4

Government of Odisha
Forest & Environment Department
*****

ODISHA COASTAL ZONE MANAGEMENT AUTHORITY
1st Floor, Administrative Building,
RPRC Campus, Nayapalli, Bhubaneswar- 751015
Email – oczma1@gmail.com

No. OCZMA/56/2020 41 /OCZMA Dt. 01.02.2021

From

Sri Susanta Nanda, IFS
Director, Environment-cum-
Special Secretary to Govt.
and Member Secretary, OCZMA

To

The Secretary,
Ministry of Environment, Forest & Climate Change,
Indira Paryavaran Bhavan,
Aliganj, Jorbagh Road, New Delhi-110003

Sub: CRZ Clearance for "Development of all-weather multi cargo green field captive jetty (ies) of handling capacity 52 MTPA in Jatadharimuhan River, Dist-Jagatsinghpur, Odisha by JSW Steel Limited.

Sir,

This has reference to a proposal received from the Director,JSW Utkal Steel Limited namely "Development of all-weather multi cargo green field captive jetty (ies) of handling capacity 52 MTPA in Jatadharimuhan River, Dist-Jagatsinghpur,Odisha by JSW Steel Limited" vide letter no. JSW/U/O/2020/105 Dt.16.10.2020 seeking CRZ Clearance in accordance with the provisions of Coastal Regulation Zone (CRZ) Notification 2011.

The proposal was considered by the Authority it its 35th Meeting held on 12.01.2021. The details of the project as per documents submitted by the project proponent and presentation made during the aforesaid meeting as under:

1. JSW Utkal Steel has proposed to set up a green field Integrated Steel Plant (ISP) to produce 13.2 MTPA crude steel along with captive power plant of 900 MW capacity and Cement grinding unit of 10.0 MTPA in Jagatsinghpur district near Paradip. The proposed project is to cater the material import & export requirement of the Integrated Steel Plant of JSW Utkal Steel located adjacent to the Jetty site. The ISP will be served by the captive jetty of handling capacity of 52.0 MTPA which is proposed to be located adjacent to the steel plant near the mouth of Jatadhari muhan River Creek.

2. The Captive Jetty and its back up areas are proposed over 170 ac. of land. In the jetties total 10 berths are proposed with a continuous quay length of about 3400 m. the berths and jetty are proposed on pile and concrete platforms. For material storage, material handling, transit sheds and other related utilities and infrastructure the foreshore area behind the jetty will be reclaimed. For the development of jetty, about 30 million m^3 of material is proposed to be dredged for creation of navigational channel and dredge

material will be used in the jetty back up areas and ISP areas. Two nos of break water i.e South break water of about 1600 m length and North breakwater of about 1200m length will be constructed to provide tranquillity to the jetties.

3. The proposed jetty will handle 52 MTPA capacities of import and expert cargoes. The import material includes cooking coal, anthracite, PCI Coal, thermal coal, limestone, dolomite, bentonite, clinker, quartzite. The expert cargo includes the finished steel products, pallets/iron ore concentrate and cement.

4. The proposed project will be involved for laying of pipeline for intake of sea water for the Captive power plant (CPP) and discharge of effluents from the integrated steel plant (ISP) and CPP in the CRZ areas. The slurry recovered water and RO treated effluent will be discharged to the sea at a distance of 500 m from sea coast and at a depth of 5m in the sea through separate pipelines. About 130,000 M3/hr of cooling water from the captive power plant will be discharged to the sea through a separate pipeline at depth of 13 m inside the sea at a distance of 1500m from the sea coast and an intake pipeline to draw the sea water for the proposed sea water cooling tower.

5. The location of proposed jetty and other facilities were super imposed on the CRZ map in 1:4000 scale by National Centre for Sustainable Coastal Management (NCSCM) Chennai which indicated that the proposed development is coming within the CRZ-IA, IB (inter tidal area), II, IIIA(NDZ), IVA(sea) &IVB (river) area. The report of the NCSCM, indicated that Mangroves areas are present opposite to the proposed project site along the banks of Jatadhari Muhan river. The proposed captive jetty and related facilities is partially located within the CRZ Categories such as CRZ-IA (Denotified Reserve forest MoEF order no.63/2007-FC dt. 4.5.2011). The south east part of the proposed project falls within CRZ-IA (Sand dunes area) and is proposed for green belt development. The total cost of the Project is Rs. 2104 Crores.

6. The proposed construction of jetties and pipeline is a permissible activity as per the provisions of CRZ Notification, 2011 under
Para 3(i)(a) " those directly related to water front or directly needing foreshore facilities"
Explanation: The expression "foreshore facilities" means those activities permissible under this notification and they require waterfront for their operations such as ports and harbours, jetties, quays, wharves, erosion control measures, breakwaters, pipelines, lighthouses, navigational safety facilities, coastal police stations and the like.;
4(i)(a) " Clearance shall be given any activity within the CRZ only if it requires waterfront and foreshore facilities.
4(i) (f) " construction and operation for ports and harbours, jetties, wharves, quays, Slipways, Ship Construction yards, Breakwaters, groynes, erosion control measures.
Para 4. II (d) laying of pipelines, conveying systems, transmission line
Para 8(i) (I) (i) (b) "pipeline, conveying systems including transmission lines"

The project requires CRZ clearance from MoEF & CC, Govt. of India, under CRZ Notification, 2011 as per Para 4(ii) (d) after the recommendation of the concerned CZMA.

7. OCZMA discussed the proposal and consider recommending the proposal to MoEF & CC, Govt. of India for considering grant of CRZ clearance, under Para 4(ii) (d) of CRZ Notification, 2011 with the following conditions:

I. Regular monitoring of shoreline changes for the first 5 years as per the following frequency:
   - 1st year- ones in every month
   - 2nd year-ones in every 3 months
   - 3rd year- ones in every 4 months
   - 4th year- ones in every 6 months
   - 5th year and after - yearly basis

II. Sand bypassing shall be done using the best technology and the methodology part need to be shared with the Authority.

III. Regular monitoring of dredging and its impact on adjoining area.

Following documents submitted by the project proponent are enclosed for consideration of grant of CRZ Clearance by MoEF & CC, Govt. of India.

I. Form-I (Annexure-IV)-Annexure-I
II. Environmental Impact Assessment form and study report & Environmental management plan Annexure-II
III. Disaster management plan, Risk assessment and management plan.- Annexure-III
IV. Mathematical modelling study report- Annexure-IV
V. Drawings and Design of the structures.- Annexure-V
VI. Detailed project report - Annexure-VI
VII. CRZ Map (in 1:25,000 scales) prepared by ORSAC and sponsored by F & E Dept. Govt. of Odisha superimposing the project site in the CRZ Map.- Annexure-VII
VIII. CRZ Map (in 1:4000 scale) indicating the CRZ-I, II, III& IV area and the project area superimposed in the CRZ map (prepare by NCSCM, Chennai). - Annexure-VIII
IX. Land allotment letter by IPICOL, Odisha- Annexure-IX
X. Extract of the Proceedings of 35th meeting of OCZMA- Annexure-X

Director, Environment-cum-
Special Secretary to Govt. and
Member Secretary, OCZMA

Memo No. 42 /OCZMA Dt. 01/02/2021

Copy forwarded to Mr. Ranjan Nayak, Director, JSW Utkal Steel Limited, plot no.-3, Forest Park, Shishu Bhawan Square, Bhubaneswar-751009 for information and necessary action.

Director, Environment-cum-
Special Secretary to Govt. and
Member Secretary, OCZMA

ENCLOSURE 5

RISK ASSESSMENT

A summarized list of environmental risk potential for the likely events is presented in Table 1 as per the above stated Risk rating.

TABLE 1 - ENVIRONMENTAL RISK POTENTIAL EVALUATION

Event	Nature of hazard	Risk Ranking			Mitigation Measures
		L	S	RP	
Fire at coal stockyard	Fire	4	3	12	- Fire fighting system with alarm - Awareness/training of personnel with emergency preparedness plan - Assembly points with adequate signages
By product gas leaks from the pipe line/valves	Fire Toxic	3	4	12	- Fire fighting system with alarm - - CO detector with hooter
Leakage/spillage of acids/alkalis	Corrosive	2	3	6	- Dyke/embankment around Bulk storage area - Concrete flooring - Provision of acid resistant PPE to Personnel working around the area
Leakage/rupture in the various product storage tanks in Coal Tar & Benzol Refining Units	Toxic Fire	2	4	8	- Dyke/embankment around Bulk storage area - Emergency Collection tanks provided to minimize potential impacts of leaks/spills - Provision of spill management kits online - Hazards signage along with MSDS at convenient location
Failure of Fume/Dust Extraction System	Health hazards	1	3	3	- Alarm system - Automatic tripping
Emission of VOC, dioxin & furan	Toxic (Health hazards)	3	2	6	- Adoption of Control measures to keep emission within norms
Handling & leakage of fuel gases like propane, LPG	Fire	3	4	12	- Fire fighting system with alarm - Isolated storage location & strict adherence to guidelines around the location
Catastrophic rupture of fuel/byproduct gas storage	Fire Toxic	3	5	15	- Proper emergency preparedness plan and awareness/training of personnel
Accidental release of ammonia from storage tank	Toxic	4	4	16	- Provision for water sprinkling/spray to absorb released ammonia - Provision of garland drain to prevent accidental discharge of ammonia liquor
Release of untreated wastewater	Toxic	3	3	9	- Provision of catch pit to arrest the accidental release
Contamination by hazardous waste	Toxic	2	3	6	- Strict adherence to management measures

Event	Nature of hazard	Risk Ranking			Mitigation Measures
		L	S	RP	
					- Hazardous waste storage location to be lined by suitable liner to avoid contamination of soil/groundwater - Monitoring to check seepage of wastes into soil/groundwater
Occurrence of fire due to static electricity/electric spark	Fire	2	3	6	- Fire alarm & Foam based Fire fighting system
Accidental discharge of hydraulic oil under pressure	Fire	2	4	8	- PPE's for personnel working in the area - Pit to be provided to contain the oil leakage
Splashing of molten metal and slag	Corrosive	2	5	10	- Administrative controls to prevent presence of personnel inside liquid steel/slag handling area - Fire fighting system in the concerned area - Heat resistant jackets/apron for personnel working near the concerned area
Workplace hazards like confined space, working with improper tools, poor illumine-tion, poor ventilation, etc	Health hazards	3	3	9	- Proper workplace maintenance with respect to illumination, ventilation etc in adherence with latest norms. - Strict adherence to safe work practices
Non conformance to safe working practices including usage of PPEs	Health hazards	3	4	12	- Strict adherence to safe work practices

Note: This assessment is based from the past experience in the operation of similar installations and best practicable designs for the proposed Project. The present risk potential evaluation is primarily based on human errors or faulty operation or failure of the control systems.)

From the Table 1, it is seen that most of the events have low to moderate risk potential except the catastrophic rupture gas holders and accidental release of ammonia which has higher risk potential. Therefore, consequence modeling for catastrophic failure of Gas holders and leakage from ammonia storage has been carried out using DNV Phast Lite 7.1 to quantify the radial extent of the impact from this potential event.

For BF and LD gas holders, toxic exposure due to catastrophic failure of gas holders has been considered due to relatively high concentration

of Carbon monoxide gas in BF and LD gas. For Coke oven gas holder, heat radiation from ignition of leaked gas from failure scenario has been considered due to its relatively high concentration of hydrogen and methane.

Fig. 1 shows the maximum concentration footprint of leaked gas from catastrophic rupture of the BF gas holder. The concentration of interest (151.5 ppm) corresponding to the STEL value of BF gas extends up to a maximum distance of around 154 m downwind.

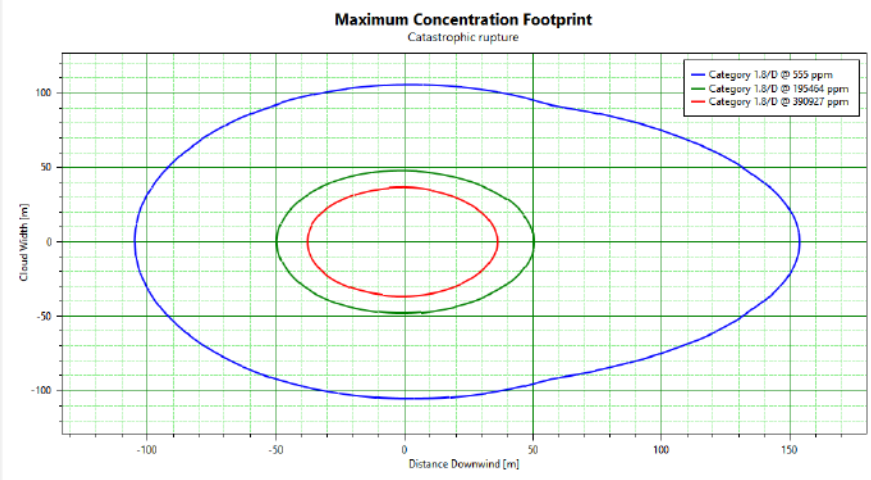

FIG. 1 - MAXIMUM CONCENTRATION FOOTPRINT FOR BF GAS HOLDER

Fig. 2 shows the maximum concentration footprint of leaked gas from catastrophic rupture of the LD gas holder. The concentration of interest (555 ppm) corresponding to the STEL value of LD gas extends up to a maximum distance of around 103 m downwind.

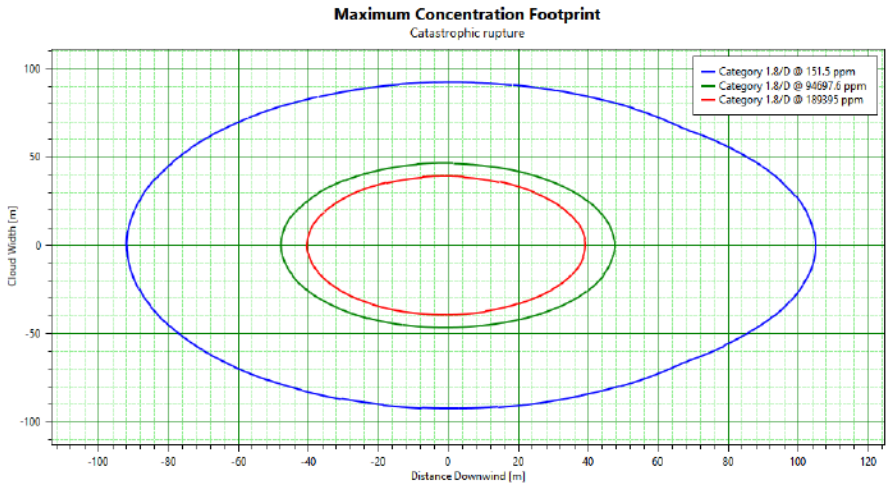

FIG. 2 - MAXIMUM CONCENTRATION FOOTPRINT FOR LD GAS HOLDER

Fig. 3 shows the intensity radius for fireball arising due to catastrophic rupture of the CO gas holder. Two radiation levels of interest have been plotted and as observed, the 4 kW/m^2 (pain threshold) radiation level extends up to about 290 m distance and the 12.5 kW/m^2 (first degree burns) radiation level extends up to about 100 m distance.

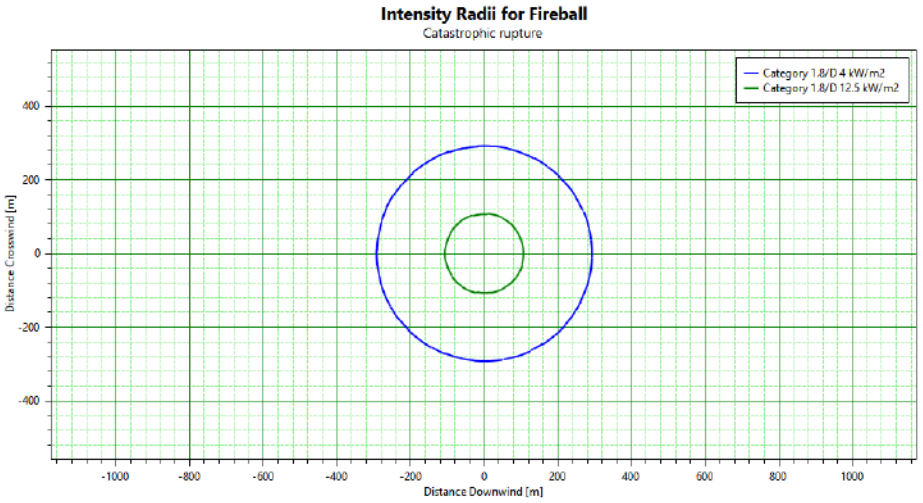

FIG. 3 - FIREBALL INTENSITY RADIUS FOR CO GAS HOLDER

Fig. 4 shows the maximum concentration footprint of leaked ammonia gas due to leakage from ammonia storage tank. The concentration of interest (35 ppm) corresponding to the STEL value of Ammonia extends up to a maximum distance of around 620 m downwind.

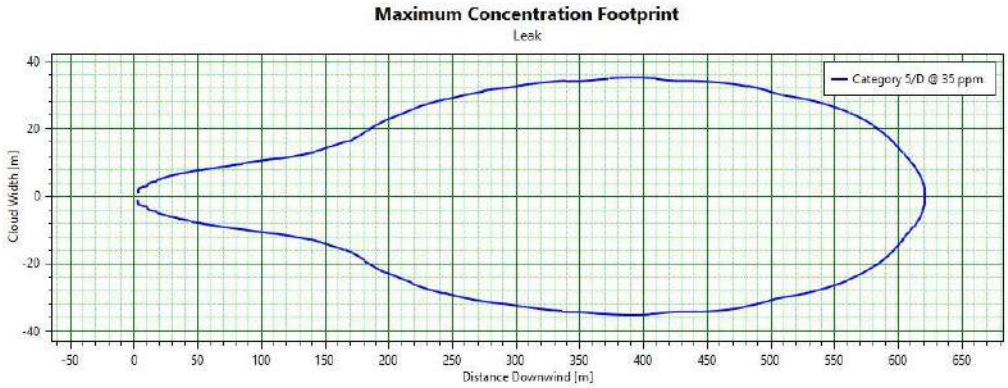

FIG. 4 - DISPERSION RADIUS OF AMMONIA