



GOVERNMENT OF ODISHA
DEPARTMENT OF WATER RESOURCES

ANNUAL ACTIVITY REPORT
OF
CUTTACK INVESTIGATION DIVISION,
JOBRA, CUTTACK-7
FOR THE YEAR 2017-18

April, 2018

Executive Engineer,
Cuttack Investigation Division,
Jobra, Cuttack-7.

Name of the Division – Cuttack Investigation Division, Jobra, Cuttack-7.

Cuttack Investigation Division, Jobra, Cuttack-7 has the following named Sub-divisions and Sections under the jurisdiction of different Districts in Odisha. These Sub-divisions are functioning their office and executing the Survey & Investigation works of different Major & Medium Irrigation Projects and In stream storage structures in the Head Quarter as mentioned below:

1. Asst. Executive Engineer, Cuttack Investigation Sub-division No.I, Dasapalla, Head Quarter at Dasapalla of Nayagarh District.
2. Asst. Executive Engineer, Cuttack Investigation Sub-division No.II, Pattamundai, Head Quarter at Pattamundai of Kendrapara District.
3. Deputy Executive Engineer, Angul Investigation Sub-division, Angul, Head Quarter at Angul of Angul District.
4. Asst. Executive Engineer, Samakoi Investigation Sub-division, Khamar, Head Quarter at Khamar of Angul District.

Besides, Vansadhara Water Dispute Cell headed by one Superintending Engineer and assisted by one Executive Engineer is functioning at New Delhi and deals with the Inter State Water Dispute cases.

Since, the Executive Engineer, Vansadhara Water Dispute Cell, New Delhi has not yet been declared as D.D.O., the Chief Engineer, Project Planning, Formulation & Investigation, Secha Sadan, Odisha, Bhubaneswar has authorized to the Executive Engineer, Cuttack Investigation Division, Jobra, Cuttack-7 to incur expenditure for payment of the bills vide his letter No.955/W.E. Dtd.02.02.2011. This Division is incurring expenditure on the main items such as payment towards hiring of accommodation, engagement of staff through outsourcing, hiring of vehicle and other miscellaneous expenses of the Cell.

1. Asst. Executive Engineer, Cuttack Investigation Sub-division No.I, Dasapalla, Head Quarter at Dasapalla of Nayagarh District deals the Survey & Investigation works of Brutang Irrigation Project (Major) in Nayagarh District.
2. Asst. Executive Engineer, Cuttack Investigation Sub-division No.II, Pattamundai, Head Quarter at Pattamundai of Kendrapara District deals with the Gauge & Discharge observation work of river Brahmani, Nuna, Birupa and Chitrotpalla. The repair & maintenance work of computers & computer peripherals and procurement of computer consumables in the O/o the Chief Engineer, Project Planning, Formulation & Investigation, Secha Sadan, Odisha, Bhubaneswar and the Division Office, maintaining the transaction of I.W.D. Cell, New Delhi.

3. Deputy Executive Engineer, Angul Investigation Sub-division, Angul, Head Quarter at Angul of Angul District deals with the Survey & Investigation works of Hidising Irrigation Project in Angul District, Champalijore Irrigation Project in Sambalpur District, Kutulisinga Irrigation Project in Angul District and In Stream Storage Structures-cum-Barrage at Tasarbeda, Patrapada, Pandaripathar, Panikimal & Low Height Instream Storage Structure-cum-Barrage at Saptamatruka Temple, Jajpur.
4. Asst. Executive Engineer, Samakoi Investigation Sub-division, Khamar, Head Quarter at Khamar of Angul District deals with the Survey & Investigation works of Samakoi Irrigation Project (Barrage) in Angul District, Mankada Irrigation Project in Angul District, Hinjili Irrigation Project in Deogarh District, Upper Samakoi Irrigation Project in Angul District and In Stream Storage Structures-cum-Barrage at Patakhaman, Saruali, Debahali, Dubulapal, Singidajore, Kakharua, Burukuna, Baidehipur, Arkili, Paunsia, Tukura and Chandrabilla etc.

Besides the above work this Division maintaining the expenditure and Logistic Arrangement of I.W.D. Cell, New Delhi.

Staff Position as on Dt. 31.03.2018

Sl. No.	Designation.	Sanction Strength.	Vacancy position.
1	2	3	4
Gazetted Staff.			
01	Executive Engineer	1	NIL
02	Assistant Engineer (Estimator)	1	NIL
03	Assistant Executive Engineer	3	1
04	Deputy Executive Engineer	1	Nil
05	Assistant Engineer	5	5
06	Junior Engineer	8	6
Non-Gazetted Staff.			
07	Head Clerk	1	1
08	Senior Clerk	2	2
09	Junior Clerk	8	5
10	Junior Stenographer	1	1
11	Draughtsman	1	Nil
12	Tracer	1	1
13	Daftary	1	Nil
14	Peon	9	2
15	Night Watchman-cum-Sweeper	1	Nil

Executive Engineer,
Cuttack Investigation Division,
Jobra, Cuttack-7.

BRUTANG IRRIGATION PROJECT

PRESENT STATUS.

- All topographical survey completed.
- Gauge & Discharge observation is continuing.
- The project has obtained Techno-economical clearance from C.W.C., Ministry of Water Resources in 75th T.A.C. meeting held at the New Delhi on 18th December, 2000.
- R & R clearance obtained from Ministry of Tribal Affairs, Government of India vide their letter No.200011/8/2003-CP and R/NGO Dtd.09.06.2008. Revised R & R Plan without Buguda colony and Jhintikabari to be prepared with the alternate suitable land identified by the Tahasildar, Dasapalla in 17 villages as communicated vide letter No.2284 Dt.31.10.2013 by the Collector & District Magistrate, Nayagarh. The Revised R.R. Policy has been prepared and submitted to the D.F.O., Nayagarh vide this office letter No.868/W.E. Dt.15.04.2015.
- Environmental clearance obtained from Ministry of Environment and Forests, Government of India vide their letter No.12011/87/2005-IA-I-Dtd.02.06.2006 up to 02.06.2011.

The revalidation of environmental clearance of the project has been obtained up to 02.06.2016 from M.o.E.F., Government of India vide their letter No.J-12011/87/2005-IA.I. Dtd.15.01.2013. The extension of validity of Environmental Clearance for another 05 years i.e. up to 02.06.2021 has already been applied by the C.E., P.P.F. & I, Odisha, Bhubaneswar vide their letter No.95/W.E. Dt.08.01.2018 addressed to the Director, Ministry of Environment, Forest & Climate Change, (IA.I Division) Paryavaram Bhawan, CGO Complex, Lodhi Road, New Delhi-110510.

- Stage-I Forest clearance obtained from Ministry of Environment and Forests, Government of India vide their letter No.F.No.8-23-FC-Dtd.31.08.2010 and F. No.8-23/2010 F Dtd.09.09.2010 with 35 Nos. of stipulations. Out of the above 35 stringent conditions specified for processing of Stage-II clearance, the Water Resources Department has already complied 32 Nos. of conditions & 03 Nos. of Stipulations yet to be complied by the Forest & Environment Department and Revenue Department, Government of Odisha which are under active process.

Compliance to the conditions of Stage-I forest clearance of Brutang Irrigation Project (Major) vide M.o.E.F. letter No.F.No.8-23/2010 FC, Dtd.31.08.2010 & 09.09.2010.

Sl. No.	Stipulated Conditions.	Compliance.	Action taken.
(i)	Legal status of the diverted forest land shall remain unchanged.	Legal status of the diverted forest land shall remain unchanged. An undertaking has been submitted by the User Agency vide letter No.2799/W.E. Dt.29.12.2014.	Complied.
(ii)	Compensatory Afforestation over equivalent non-forest land shall be raised and maintained by the State Forest Department at the cost of the User Agency.	1524.17 Ha. of Non-forest land has already been identified in Nayagarh, Dasapalla & Khandapara Tahasil of Nayagarh District for raising compensatory afforestation in lieu of forest land of 1524.17 Ha. proposed for diversion for construction of Brutang Major Irrigation Project. The list of R.o.R enclosed. As per current wage structures, an amount of Rs.7,75,47,282.00 has been deposited through RTGS in the Adhoc Campa Savings Bank A/C No.344902010105428 of Union Bank of India, Sundar Nagar Branch, New Delhi.	Complied.
(iii)	The non-forest land identified for raising Compensatory Afforestation shall be transferred and mutated in favour of the State Forest Department.	The identified Non-forest land 1524.17 Ha. for raising compensatory afforestation has already been transferred by Revenue Department and mutated in favour of the State Forest Department during July, 2012.	Complied.
(iv)	The non-forest land identified for raising Compensatory Afforestation shall be notified by the State Government as Reserved Forest under Section-4 or Protected Forest under Section-29 of the Indian Forest Act, 1927 or under the relevant Section (s) of the local Forest Act, as the case may be, within a period of six months.	CAF land details with DFO (T) Nayagarh.	Complied. Action taken by the F. & E. Deptt., Odisha. The draft P.F. Notification Proposal has already been submitted to the Addl. Chief Secretary to Govt. F. & E. Department, Odisha, BBSR. vide letter No.22458/W.E. Dt.21.10.2017 of the Addl. P.C.C.F. (FD & NO, FC Act), Bhubaneswar. The objection raised by the Spl. Secretary to Govt., F & E. Deptt., Odisha vide their Ir. No.2582 Dt.03.11.2017. The compliance report verified by the concerned Tahasildars of Gania, Odagaon, Dasapalla, Khandapada, Nuagaon & Ranapur Tahasils and completed. The same

			has been submitted to the D.F.O., Nayagarh vide this office letter No.368 Dt.05.02.2018. The D.F.O., Nayagarh has submitted the Draft Notification Proposal to the R.C.C.F., Bhubaneswar Circle vide their letter No.1690/W.E. Dt.12.03.2018.
(v)	The User Agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage structure to the State Forest Department.	As per current wage structures an amount of Rs.7,75,47,282.00 has been deposited through RTGS in the Adhoc Campa Savings Bank A/C No. 344902010105428 of Union Bank of India, Sundar Nagar Branch, New Delhi.	Complied.
(vi)	The State Government shall charge the Net Present Value (NPV) of the forest area diverted under this proposal from the User Agency as per orders of the Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No.202/1995 and the guidelines issued by this Ministry vide its letter No.5-3/2007-FC dated, 05.02.2009 in this regard.	The Executive Engineer, Cuttack Investigation Division, Jobra, Cuttack-7 has deposited the Net Present Value (NPV) amounting to Rs.143,12,00,000.00 on Dt.30.03.2013 in favour of Adhoc Campa through Account No.344901010070194 of Union Bank of India, Sundar Nagar Branch, New Delhi.	Complied.
(vii)	At the time of payment of the Net Present Value (NPV) at the present rate, the User Agency shall furnish an undertaking to pay the additional NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.	The additional payment on NPV will be deposited, if demand for this purpose will be raised by the Forest Department.	Complied. Undertaking has been submitted by the User Agency vide letter No.2799/W.E. Dt.29.12.2014.
(viii)	All the funds received from the User Agency under the project shall be transferred to Adhoc Campa in Account Number-344901010070194 of the Union Bank of India, Sunder Nagar Branch, New Delhi.	The detail of funds deposited in Adhoc Campa Account of the Union Bank of India, Sunder Nagar Branch, New Delhi. NPV= Rs.143,12,00,000.00 Catchment area Treatment plan for Forest land. Rs. 4,85,55,840.00 Catchment area Treatment plan of Non-forest land. Rs. 3,47,42,000.00 Compensatory Afforestation.Rs.7,75,47,282.00 Estt. of three Nos. anti-poaching-cum- anti-depredation camp. Rs.3,98,28,600.00 Constn. of Watch tower.Rs. 63,60,000.00 Nesting of Birds. Rs. 17,00,000.00 Setting of	Complied.

		Permanent Nursery. Rs. 1,59,32,000.00 Wild Life Management Plan. Rs. 33,26,24,000.00 Total= Rs.1,98,84,89,722.00	
(ix)	The State Government shall commission detailed studies by a team of experts which should include a reputed wildlife specialist, preferably recommended by the Wildlife Institute of India, Dehradun to study the impact on Wildlife Management and to recommend appropriate ameliorative/mitigative measures to minimize the likely adverse impact of the project on the forests and wildlife in and around the command area.	As per the recommendation by the Wild Life Institution of India, Dehradun, the constituted teams of expert headed by Dr. C.R. Mohapatra, I.F.S. (Retd.) for study the impact on wild life management. The plan has been prepared with a cost estimate of Rs.3326.24 lakhs submitted to the Principal Secretary to Government, Forest & Environment Department, Odisha, Bhubaneswar vide P.C.C.F., Wild Life & Chief Wild Life Warden, Odisha vide letter No.8853 Dt.04.11.2013.	Complied. The wild life management plan along with Application Form in Part-I, Part-II, Part-III & Part-IV has been submitted to NBWL by State F & E Department vide Ir. No.17248/F & E Dt.29.09.2015.As per demand of D.F.O, Nayagarh, 3326.24 lakhs has been deposited.
(x)	Being a large project with considerable area of forest being cleared, as well as a large tribal population and landless persons being displaced, there may be chances of considerable adverse impacts on those people who may suffer loss of forest based livelihood and may not receive any commensurate benefits from the agriculture based development. This may also increase pressure on the remaining forest area leading to further destruction of forest and wildlife habitat. Hence, a study by a sociologist is also to be carried out on the possible impacts on the likely erosion of livelihood and increase of forest-dependence from the implementation of the project as well as the issue of settlement of forest rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Settlement of Forest Rights) Act, 2006.	The study report prepared by N.C.D.S., Bhubaneswar has been submitted to the D.F.O. (T), Nayagarh Division vide this office letter No.2793/W.E. Dt.26.12.2014.	Complied.
(xi)	As proposed by the Chief Wildlife Warden, Government of Odisha, the State Government shall declare the area adjacent to the southern boundary of the Baisipalli Wildlife Sanctuary between Takara in the east and Banigochha in the west, covering Central Reserved Forest, Chadheia Palli Reserved Forest, Nasagarh Reserved Forest	The B.D.O., Dasapalla has submitted the resolution of 82 Nos. of villages of Palli Sabha with videography in 3 phases to the D.F.O. (T), Nayagarh vide their letter No.1662/W.E. Dated, 11.05.2015, No.1779 Dt. 26.05.2015 and No.976 Dt.01.03.2017, The Executive Engineer, Cuttack Investigation	Complied. Action taken by the Forest & Environment Department, Odisha. The Palli Sabha have already been completed in 107 Nos. of villages. The resolution with Videography of 100 Nos. of the above Palli Sabha have already been submitted to the D.F.O.

	and the entire proposed water reservoir as a 'Conservation Reserve' under Section 36 (a) of the Wildlife (Protection) Act, 1972.	Division, Jobra, Cuttack-7 intimated the D.F.O. (T), Nayagarh vide their Lr. No.1003 Dt.12.04.2017 to submit the proposal to the Principal Secretary to Govt., Forests and Environment Department, Odisha, BBSR. for declaration of the "Conservation Reserve". In the mean time, the D.F.O., Nayagarh has intimated the B.D.O., Dasapalla to conduct the Gram Sabha for another 25 Nos. of villages vide their letter No.3383 Dt.31.05.2017.	(T), Nayagarh. Out of which, only the resolution of 05 Nos. of villages have been submitted but not the videography. The resolution & the videography of 02 Nos. of villages have not been submitted to the D.F.O., Nayagarh. The D.F.O., Nayagarh has instructed the matter to the B.D.O., Dasapalla for early submission of the resolution with videography. Finally, the D.F.O., Nayagarh has submitted the Draft Proposal for declaration of Conservation Reserve under Sec.36(a) of the Wild Life Protection Act, 1972 to the R.C.C.F., BBSR. vide their Lr. No.2005 Dt.22.03.2018.
(xii)	The User Agency shall provide sufficient cross overs as advised by the wildlife experts over the link canal to ensure unhindered movement of elephants from and towards the Baisipalli Wildlife Sanctuary and also provide sufficient points for watering spots for the wildlife on the sides of canal as advised by the wildlife experts.	Action will be taken during execution of the project work as per the wild life management report.	Complied. The undertaking has been submitted to the D.F.O., Nayagarh by the User Agency vide letter No.2799/W.E. Dt.29.12.2014.
(xiii)	The State Government shall set up at least three anti-poaching-cum-anti-depredation camps at strategic locations and deploy adequate number of forest staff along with sufficient number of support staff to be engaged on contract/daily wages to supplement-forest staff, with provision of camping shed, tube well, VHF network, solar light, flare guns, fire arms (pistol and rifles) and dedicated departmental/ hired vehicle with adequate provision for P.O.L., maintenance etc.	The revised estimate has been approved by R.C.C.F.(O), BBSR. and demand has been raised by D.F.O.(T), Nayagarh vide his letter No.204 Dt.05.01.2016. An amount of Rs.3,98,28,600.00 has been deposited in the Adhoc Campa Savings Bank A/C No.344902010105428 of Union Bank of India, Sundar Nagar Branch, New Delhi vide e-cheque No.160024 Dt.29.01.2016.	Complied.
(xiv)	The State Government shall construct at least two watch towers at strategic locations and depute adequate number of forest staff along with watch and ward/ support staff and VHF hand-sets etc.	The revised estimate has been approved by R.C.C.F.(O), BBSR. and demand has been raised by D.F.O.(T), Nayagarh vide his letter No.204 Dt.05.01.2016. An amount of Rs.63,60,000.00 has been deposited in the Adhoc Campa Savings Bank A/C No.344902010105428 of Union Bank of India, Sundar Nagar Branch, New Delhi vide e-	Complied.

		cheque No.160024 Dt.29.01.2016.	
(xv)	The State Government shall create suitable facilities in the islands within the proposed reservoir for nesting of birds.	The revised estimate has been approved by R.C.C.F.(O), BBSR and demand has been raised by D.F.O.(T), Nayagarh vide his letter No.204 Dt.05.01.2016. An amount of Rs.17,00,000.00 has been deposited in the Adhoc Campa Savings Bank A/c No.344902010105428 of Union Bank of India, Sundar Nagar Branch, New Delhi vide e-cheque No.160064 Dt.26.02.2016.	Complied.
(xvi)	The User Agency shall provide fund for execution of the activities indicated in paragraph (xi) to paragraph (xv) above, including the amount required for implementation of the mitigative/ameliorative measures to be recommended from the studies indicated in paragraph (ix) and paragraph (x) above.	Agreed.	Complied.
(xvii)	The Buguda Colony area being a part of an existing elephant corridor, the State Government shall not undertake any activity for resettlement and rehabilitation (R & R) of the project affected families in that area and identify suitable alternate land, not falling in any elephant corridor, in lieu of the Buguda Colony area for R & R of the project affected families.	The revised R & R Plan has been prepared and submitted to the D.F.O., Nayagarh by the User Agency vide his letter No.868/W.E. Dt.15.04.2015.	Complied.
(xviii)	The State Government shall take appropriate measures to free the areas under illegal occupation in the Buguda Colony area and to bring the entire area under Government occupation (i.e. revenue and forest land) in the Buguda Colony area, under plantations.	The district administration will take appropriate action to free the area under illegal occupation in the Buguda Colony. Undertaking to be given by the Tahasildar, Dasapalla to free the area under illegal occupation in the Buguda Colony.	Complied. Undertaking has been submitted by the Tahasildar, Dasapalla to the Collector, Nayagarh vide their letter No.9447 Dt.17.06.2015 and the copy of the same has been submitted to the D.F.O.(T), Nayagarh by the E.E., Cuttack Investigation Division vide letter No.1188/WE Dt.17.06.2015.
(xix)	The State Government shall ensure that no land in Jhintikabari village, located in an important elephant migratory route, is utilized for resettlement of the project	The district administration has submitted the suitable land proposal in lieu of the land coming under the elephant corridor in Village Jhintikabari.	Complied. Undertaking given by the Tahasildar, Dasapalla vide letter No.12325

	affected families.		Dt.04.09.2015 addressed to the D.F.O (T), Nayagarh.
(xx)	The State Government shall submit a comprehensive Resettlement and Rehabilitation (R & R) Plan for all project affected & displaced persons along with the report on recognition of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006.	The R & R plan has already been approved by Ministry of Tribal Affairs, Govt. of India. The comprehensive R & R plan has been prepared and submitted to the D.F.O., Nayagarh vide the User Agency letter No.868/W.E. Dt.15.04.2015.	Complied.
(xxi)	The User Agency shall construct ramps of around 50-100 meter wide span and 1:10 slope, at intersection of the canal with the elephant migration routes and other major forested areas.	The elephant migration routes on link canal will be constructed during construction of the project as per the recommendation by the wild life expert committee.	Complied. Undertaking to this effect has been submitted by the User Agency vide letter No.2799/W.E. Dt.29.12.2014.
(xxii)	To ensure prevention and early detection of future encroachment in the existing forest land in and around command area of the proposed project, State Government shall demarcate boundary of all such forests by erecting geo-referenced (by using DGPS) boundary pillars of suitable size.	As directed by F&E department (Minutes of review meeting on status of FC of WR projects by DC and ACS F & E Deptt., Odisha) Water Resources Deptt. is take up the activity. The W.R. Deptt. is co-ordinating with Nayagarh Forest Division for identification of such forest land, based on which the survey & demarcation by using DGPS boundary pillars has been completed.	Complied. The demarcation of boundary of such forests adjacent to command area has been complied by erecting geo-reference (by using DGPS) boundary pillars.
(xxiii)	User Agency shall ensure that the quantity of water released in the downstream river during the lean season after construction of the dam is maintained as per the prescription in the Environmental Clearance or if no such level has been prescribed, than it shall not be less than 7% of the average peak monsoon flow in the river before construction of the dam, as recommended by the Chief Conservator of Forests (Central), Eastern Regional Office, Bhubaneswar.	Provision will be made to supply required quantity of water to the downstream of the project as per the prescription in the Environmental Clearance of the project.	Complied. Undertaking has been submitted by the User Agency vide letter No. 542/WE Dt.24.02.2018.
(xxiv)	The State Government shall set up and operate a fully equipped permanent nurseries to ensure availability of superior quality seedlings of suitable long rotation forest species identified by the State Forest Department or the Gram Sabha concerned and to undertake plantation in the project affected villages under a	The revised estimate has been approved by RCCF.(O) , BBSR and demand has been raised by D.F.O.(T), Nayagarh vide his letter No.204 Dt.05.01.2016. An amount of Rs.1,59,32,000.00 has been deposited in the Adhoc Campa Savings Bank A/c No.344902010105428 of Union Bank of India, Sundar Nagar	Complied.

	programme of Social Forestry/ Agro Forestry to ensure sufficient woody biomass and small timber and other forest products for the use of the people.	Branch, New Delhi.	
(xxv)	The State Government shall ensure that as stipulated in the Environmental Clearance accorded by the Central Government for Rengali Irrigation Project Stage-II, vide Ministry of Environment & Forests letter No.112011/7/96-IA-I dated 04.12.1996, the Kapilash along with its adjoining forest blocks shall be declared as a Wildlife Sanctuary as per the Wildlife (Protection) Act, 1972	Steps have already been taken for declaration of Conservation Reservoir and adjoining Baisipally Sanctuary as per Wild Life Protection Act, 1972.	Complied.
(xxvi)	No labour camp shall be established on the forest land.	No labour camp will established on the forest land during construction of project work.	Complied. Undertaking has been submitted by the User Agency vide letter No.2799/W.E. Dt.29.12.2014.
(xxvii)	Sufficient fuel or any other alternate fuel for cooking etc. shall be provided by the User Agency to the labourers after purchasing the same from the State Forest Department or the Forest Development Corporation or any other valid source of alternate fuel. However, fuel wood should not be used.	The User Agency will take care that sufficient fuel will be supplied to the labourers from other sources in order to prevent the labourers to use fuel wood by collecting from the forest area during construction of the project work.	Complied. Undertaking has been submitted by the User Agency vide letter No.2799/W.E. Dt.29.12.2014.
(xxviii)	The User Agency shall ensure that no damage is caused to the wildlife available in the area because of this project.	The user agency will take care that there will be no damage to the wild life during construction of the project.	Complied. Undertaking has been submitted by the User Agency vide letter No.2799/W.E. Dt.29.12.2014.
(xxix)	The project area shall be demarcated on ground at the project cost, using four feet high RCC pillars, with each pillar inscribed with the serial number, forward and backward bearing etc.	Completed.	Complied.
(xxx)	The forest land shall not be used for any purpose other than that specified in the proposal.	The forest land will not be used for any purpose other than specified purpose in the proposal.	Complied. Undertaking has been submitted by the User Agency vide letter No.2799/W.E. Dt.29.12.2014.
(xxxi)	The State Government shall complete settlement of rights, in term of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act,	The certificate along with the resolution for the Forest Right Act, 2006 has already been issued by the Collector & District	Complied.

	2006, if any, on the forest land to be diverted and submit the documentary evidence as prescribed by this Ministry in its letter No.11-9/1998-FC (Pt.) Dated 03.08.2009 in support thereof.	Magistrate, Nayagarh vide their letter No.239 Dt.23.02.2010.	
(xxxii)	Any other condition that the Chief Conservator of Forests (Central), Eastern Regional Office of this Ministry at Bhubaneswar or State Govt. of Odisha may impose from time to time for protection and improvement of flora and fauna in the forest area affected by the project.	The Water Resources Department will comply the condition that will be imposed by the Forest Department and State Govt. of Odisha for protection and improvement of flora and fauna in the forest area affected by the project during and after construction of the project.	Complied. Undertaking has been submitted by the User Agency vide letter No.542/W.E. Dt.24.02.2018.

Compliance to the additional conditions of Stage-I approval vide M.O.E.F.- F. No.8-23/2010-F.C. Dtd, 09.09.2010.

(i)	As a part of the forest area proposed to be diverted is located within a distance of 10 K.M. from a Wildlife Sanctuary, the User Agency shall place Environmental Impact Assessment (EIA) for the project, before Standing Committee of the National Board for Wildlife (NBWL) and obtain its approval in accordance with the order of the Hon'ble Supreme Court of India in the W.P. (Civil) No.460 of 2004 in the matter of Goa Foundation Versus Union of India and Others.	The application form (Part-I, Part-II, Part-III & Part-IV) for obtaining necessary clearance from Standing Committee of N.B.W.L. has been submitted to the Addl. Chief Secretary to Govt. of Odisha, Forest & Environment Department by the P.C.C.F. (Wild Life) & Chief Wild Life Warden vide their letter No.2174 Dt.02.03.2015 and approved in the Standing Committee of State Board for Wildlife on Dt.04.04.2015 and submitted to the Inspector General of Forests (W.L), Government of India, Ministry of Environment & Forests and Climate Change (Wild Life Division), New Delhi vide Special Secretary to Government, Forest & Environment Department, Govt. of Odisha, Bhubaneswar vide his letter No.17248 Dt.29.09.2015.	Complied. The EIA and EMP report submitted to DFO, Mahanadi Wild Life, Nayagarh as a part of document for onward submission to NBWL & sent vide Ir. No.17248/F & E Dt.29.09.2015 to M.o.E.F., New Delhi. The proposal has been sent to NTCA (National Tiger Conservation Authorities) for approval. After that, the same will be placed before NBWL for consideration.
(ii)	The State Government and the User Agency shall execute mitigation/ ameliorative measures to be recommended by the Standing Committee of the NBWL from the funds to be provided by the User Agency.	The guide lines will be followed during construction of the project work.	Complied. Undertaking has been submitted by the User Agency vide letter No.1158/W.E. Dt.12.06.2015.
(iii)	The Stage-I approval, of the Central Government, in accordance with Section-2 of the Forest (Conservation) Act, 1980, for diversion of the said forest land is subject to final order of the Hon'ble Supreme Court of India in W.P. (Civil) No.460 of 2004 in the matter of Goa Foundation Versus Union of India and Others, as may be applicable to this project.	The instruction of Ministry of Environment & Forests, Government of India as per the final order of Hon'ble Supreme Court will be carried out by the State Government.	Complied. Undertaking has been submitted by the User Agency vide letter No.1158/W.E. Dt.12.06.2015.

SAMAKOI IRRIGATION PROJECT (BARRAGE)

BRIEF NOTE

Samakoi Irrigation Project envisages construction of a Barrage on river Samakoi near village Biralmanda at Chakdhar of Brahmani Basin in Pallahara and Talcher Sub-division of Angul district. It will provide irrigation to an area of 9990 Ha. C.C.A. out of 14,270 Ha. of G.C.A. in Pallahara Block of Pallahara Sub-division and Kaniha Block of Talcher Sub-division in Angul District and Telkoi Block of Keonjhar District.

PRESENT STATUS

- Necessary Topographical Survey is completed.
- The project has been cleared by the T.A.C. of C.W.C., M.o.W.R, Govt. of India at it's 73rd meeting held on 31.05.2000.
- The S.E.I.A.A., Odisha, Bhubaneswar recommended for grant of environmental clearance in the meeting held on 25.05.2015 and communicated vide his letter No.3465/S.E.I.A.A. Dt.03.06.2015.
- R & R plan is not required, since there is no displacement of people as no submergence of village with people is involved. Only R & R scheme will be prepared during implementation of the project.
- For forest diversion proposal, survey for compensatory afforestation land in D.G.P.S. mode, preparation of revised catchment area treatment plan and documentation & forest diversion proposal has been completed.
- The Diversion Proposal in 06 (six) sets has been submitted to the D.F.O., Deogarh Forest Division, Deogarh vide this office letter No.2248/W.E. Dt.29.08.2017 and e-filing has been done vide proposal No.FP/OR/IRRG/24883/2017, State Sl. No.OR-038/2017. The D.F.O., Deogarh Forest Division, Deogarh has returned back the Diversion Proposal vide their letter No.4500 Dt.18.11.2017 for necessary compliance.
- The Executive Engineer, Cuttack Investigation Division, Jobra, Cuttack-7 has intimated to M/s O.C.C. Ltd. vide letter No.115/W.E. Dt.04.01.2018 for immediate compliance to the discrepancies as raised by the D.F.O., Angul, D.F.O., Keonjhar & D.F.O., Deogarh. M/s O.C.C. Ltd. have specified certain requirements, which may be complied by the User Agency vide their letter No.236 Dt.09.01.2018. The compliance report are attached in separate sheets.
- Total cost of the project is Rs.12538.00 lakhs. (at 2008 price level).

HIDISING IRRIGATION PROJECT **PRESENT STATUS**

- Necessary topographical survey has been completed.
- The D.P.R. has been accepted in principle at the Regional Office of C.W.C., Bhubaneswar during the year 2010. It will be submitted to the C.W.C. head quarters at New Delhi on receipt of information regarding significant progress of statutory clearances like Forest, R & R and Environment etc.
- The cost of the project is Rs.12932.105 lakhs (at 2010 price level).
- 2958 Ha. of cultivated land will be irrigated due to construction of the project & 26 Nos. of villages will be benefited.
- Due to construction of the project, 01 No. of village will be fully affected and 03 Nos. (Dimirisar, Pampasar & Karadasinga) will be partly submerged.
- S.H. No.23 from Angul to Tikarpara will be submerged for a length of 3.65 K.M.
- A length of 933 M. Homogeneous Earth Dam will be constructed having spillway length of 36 M.
- 74.126 Ha. of forest land to be involved for construction of the project.
- The C.A.F. land for 94.126 Ha. in village – Tanugola, Kadambminipur & Baradihi in Pallahara Tahasil has been verified jointly with Forest Department, Revenue Department & Water Resources Department.
- The Chief Engineer, P.P.F. & I, Odisha, Bhubaneswar has submitted the application in Form-I and T.o.R. to M.o.E.F., Government of India, New Delhi. The same has been approved after discussion by the members of S.E.I.A.A. on dated, 05.12.2017. The E.I.A. & E.M.P. Report will be prepared.
- The Forest Diversion Proposal in DGPS mode have been entrusted to M/s O.C.C. Ltd., Bhubaneswar vide Agreement No.01 (Con.)/2014-15. On line e-filing has been done vide proposal No.FP/OR/IRRG/28837/2017 and submission of compliance report observation pointed out by the D.F.O., Angul have been complied vide this office letter No.3084/WE Dt.16.12.2016. The work is in progress and to be completed shortly.
- The Socio economic survey & preparation of R & R Plan for the project affected villages have already been completed and the final report has been submitted to the Director, R & R-cum-Joint Secretary to Government, Department of Water Resources, Odisha, Bhubaneswar by the C.E., P.P.F. & I, Odisha, Bhubaneswar vide their letter No.3111/W.E. Dt.16.08.2017.

CHAMPALIJOIRE IRRIGATION PROJECT

PRESENT STATUS

- Necessary Topographical Survey has been completed.
- Detailed Project Report has been accepted in principle at Central Water Commission, Bhubaneswar. It will be submitted to Central Water Commission head quarters for consideration of T.A.C. on receipt of information regarding substantial progress of statutory clearances for Forest, Environment and R & R.
- The Chief Engineer, P.P.F. & I., Odisha, Bhubaneswar has submitted the application in Form-I and T.O.R. along with scrutiny to amounting to Rs.5.00 lakhs to S.E.I.A.A. vide his letter No.6046/W.E. Dt.15.11.2011.
- There is involvement of 492.165 Ha. of forest land for construction of the project.
- The Executive Engineer, Cuttack Investigation Division, Jobra, Cuttack-7 has requested the Collector, Sambalpur for identification of Non-forest Government land of 500 Ha. vide his letter No.1424 Dt.16.07.2015. In response, the Tahasildar, Naktideul has identified 135.00 Ha. Non-forest Govt. land for Compensatory Afforestation purpose. The balance 357.165 Ha. of Non-forest Govt. land is awaited from the Collector, Sambalpur for Compensatory Afforestation purpose.
- The Property and Infrastructure survey for 7 Nos. villages have been completed.
- The Executive Engineer, Cuttack Investigation Division, Jobra, Cuttack-7 has requested vide his letter No.371/W.E. Dt.14.02.2011 to the Collector, Sambalpur for identification of 750.30 Ha. of Non-forest Govt. land for R & R purpose. The Executive Engineer, Cuttack Investigation Division, Jobra, Cuttack-7 has also requested to the Tahasildar, Rairakhol, Naktideul & Jujumura for identification of balance 1115.17 Ha. of Non-forest Govt. land for both compensatory afforestation and R & R purpose vide his letter No.3261(3) Dt.29.12.2015. After several correspondences from this office as well as the higher authorities have been made for the above purpose, this office has not yet been received any information on the above matter. On availability of Govt. land, the comprehensive R & R Plan will be prepared.
- The cost of the project is Rs.175.91 Crores (at 2009 price level).

HINJILI IRRIGATION PROJECT

PRESENT STATUS

- Necessary Topographical Survey has been completed.
- Feasibility stage clearance has been obtained from Central Water Commission, Bhubaneswar vide their letter No. M & A/AP/34/2009/706 Dtd.07.10.2011.
- Preparation of Detail Project Report is in progress and likely to be submitted very soon.
- The Executive Engineer, Cuttack Investigation Division, Jobra, Cuttack-7 has requested the Executive Engineer, Deogarh N.H. Division, Deogarh for alternate road arrangement of 4.00 K.M. due to submergence in the reservoir vide his letter No.1803 Dt.03.09.2015.
- The D.G.P.S. Survey will be taken up after final approval of D.P.R. in the financial year 2017-18.

MANKADA IRRIGATION PROJECT

BRIEF NOTE.

The Mankada Irrigation project is one of the medium irrigation project envisages construction of a reservoir across Mankada Nallah in Brahmani Basin near village Kolipal in Pallahara Sub-division of Angul District intercepting the catchment area of 321 Sq.k.m. The project will provide irrigation to 9850 Ha. of C.C.A. out of 14294 Ha. of G.C.A. in the draught prone area under Pallahara Block of Angul district. Total Forest land 644.13 Ha. is required for construction of the project. Total 11 No. (Fully = 03 Nos. & Partly = 08 Nos.) of villages to be submerged due to construction of the project.

PRESENT STATUS

- Necessary Topographical Survey has been completed.
- The feasibility stage clearance has been obtained from Central Water Commission, Bhubaneswar on dated, 21.05.2009.
- The Detailed Project Report has been submitted to Central Water Commission, Bhubaneswar by C.E., P.P. & F., Odisha, Bhubaneswar vide his letter No.655 Dtd. 02.02.2012. The D.P.R. has been accepted in principle by the C.W.C., BBSR. vide their Letter No. M & A/AP/27/2006/244 Dtd.04.04.2012. It will be submitted to the C.W.C. head quarters, New Delhi for consideration of T.A.C. on receipt of information regarding substantial progress of statutory clearances such as Forest, Environment and R & R.
- The alignment survey of the Distributary, Minor & Sub-Minors is under progress. After completion of the alignment survey, the D.G.P.S. survey will be taken up for forest diversion proposal.
- Total Cost of the project is Rs.348.95 Crores (at 2011 price level).

KUTULISINGA IRRIGATION PROJECT

BRIEF NOTE.

The Kutulisinga Irrigation Project is a reservoir project proposed in Mahanadi Basin on Kutuli Nallah (Badajore) a tributary to river Sindhajore near village Kutulisinga in Athamallik block of Angul district. The medium irrigation project will provide irrigation to 2540 Ha. of C.C.A. out of 3790 Ha. of G.C.A. in the draught prone area under Athamallik Block of Angul District. Total 144 Ha. of forest land to be submerged due to construction of the project. There will be no submergence of villages due to construction of the project.

PRESENT STATUS

- Necessary Topographical Survey has been completed.
- The feasibility stage clearance has been obtained from Central Water Commission on dated, 31.12.2008.
- The Detailed Project Report has been submitted to the Central Water Commission, Bhubaneswar. The D.P.R. has been examined and is found to be in order. It will be submitted to the Central Water Commission head quarters, New Delhi for obtaining T.A.C. clearance on receipt of information on substantial progress of the statutory clearances such as Forest, Environment and R & R.
- The forest diversion proposal & DGPS survey entrusted to M/s O.C.C. Ltd., Bhubaneswar vide M.O.U. No.04 (Con.) of 2016-17. The work is under progress.
- The cost of the project is Rs.7644 lakhs (at 2010 price level).

UPPER SAMAKOI IRRIGATION PROJECT.

PRESENT STATUS

- This is a newly taken up project.
- Carrying of G.T.S. Bench Marks from Pallahara to the Project Site is completed.
- River Survey (L.S. & C.S.) completed.
- F.R.L. survey has been completed.
- Ayacut area survey is in progress.
- The pre-feasibility report has been submitted to the Chief Engineer, Project Planning & Formulation, Odisha, Bhubaneswar by the Executive Engineer, Cuttack Investigation Division, Jobra, Cuttack-7 vide Letter No.1738/WE Dtd.17.09.2012.
- After complying of ayacut survey, the Detailed Project Report for the project will be prepared.

ANNUAL REPORT FOR THE YEAR 2017-18

Sl.No.	Name of the Project.	Progress during the year.		Activities taken up.
		Physical.	Fin (Rs. in Lakhs)	
1	2	3	4	5
01	Brutang Irrigation Project (Major)	(i) Posting of RCC pillars in and around of command area where forest boundary exist.	39.00	Completed. Compliance to the conditions of the Stage-I clearance. Out of 35 Nos. of stipulations, all the stipulations have been complied and submitted to the D.F.O., Nayagarh for Stage-II forest clearance proposal.
		(ii) S/I works.	4.52	Continuing.
		Total =	43.52	
02	S/I of Samakoi Irrigation Project.	(i) S/I Works.	9.00	Continuing.
		(ii) Outsourcing.	2.16	Continuing.
		Total=	11.16	
03	S/I of Hinjil Irrigation Project.	Command area Survey = 1500 Ha. Posting of R.C.C. Pillars.	9.21 2.29	Under Progress.
		S/I works.	8.32	Under Progress.
		Total=	19.82	
04	S/I of Hidising Irrigation Project.	C.S & L.S of Canal alignment.	0.59	Completed.
		S/I Work	7.33	Under progress.
		Socio-Economic Survey	12.94	Completed.
		Total=	20.86	
05	G & D Observation	G & D Observation in river Brahmani, Chitrotpala & Nuna.	12.89	Continuing.
06	S/I of Champalijore Irr. Project.	S/I works	8.40	Under Progress.
07	S/I of Mankada Irrigation Project	S/I works	9.49	Under Progress.
		L.S & C.S. of canal	3.33	Completed.
		R.C.C. Pillar Posting.	2.56	Completed.
		Total =	15.38	
08	S/I of Kutulisinga Irr. Project	S/I works.	8.74	Under Progress.
09	S/I of Upper Samakoi Irrigation Project	S/I works	7.72	Under Progress.
		Command area survey = 1250 Ha.	6.99	Under Progress.
		F.R.L. Survey = 62 K.M.	3.60	Under Progress.
		Total =	18.31	
10	Check Dam at Patakhman.	Drilling Works = 08 Nos.	10.17	Foundation drilling and core logging completed.
11	Check Dam at Saruali.	Drilling Works = 05 Nos.	4.88	Foundation drilling and core logging completed.

12	Check Dam at Dubulapal.	Command Area Survey = 580 Ha.	3.19	Completed.
13	Check Dam at Debahali.	Command Area Survey = 470 Ha.	2.60	Completed.
		L.S. & C.S.	0.79	Completed.
		Total =	3.39	
14	Check Dam at Singidajore.	Drilling Works = 05 Nos.	5.86	Foundation drilling and core logging completed.
15	Check Dam at Tasarbeda.	Drilling Works = 05 Nos.	4.97	Foundation drilling and core logging completed.
16	Check Dam at Kakharua.	S/I works for taking up L.S & C.S.	1.65	Completed.
		Command Area Survey = 520 Ha.	2.86	Completed.
		Total =	4.51	
17	Check Dam at Burukuna.	Command Area Survey = 450 Ha.	2.45	Completed.
18	Check Dam at Baidheipur.	Drilling Works = 08 Nos.	9.74	Foundation drilling and core logging completed.
		Command Area Survey = 720 Ha.	4.05	Completed.
		Total =	13.79	
19	Check Dam at Paunsia.	Command Area Survey = 600 Ha.	3.30	Completed.
		L.S. & C.S.	0.68	Completed.
		Total =	3.98	
20	Check dam at Tukura.	Drilling Works = 05 Nos.	4.98	Foundation drilling and core logging completed.
21	Check Dam at Chandrabila.	Drilling Works = 05 Nos.	4.40	Foundation drilling and core logging completed.
22	Check Dam at Patrapada.	Drilling Works = 03 Nos.	4.03	Foundation drilling and core logging completed.
23	S/I works of Check dam near Sptamatruka Temple.	S/I works for taking up L.S & C.S and Topographical survey.	4.93	Completed.
24	Check Dam at Tileiposi.	Command Area Survey = 520 Ha.	2.86	Completed.
		TOTAL =	237.47 Lakhs.	

Executive Engineer,
Cuttack Investigation Division,
Jobra, Cuttack-7.

