

TECHNICAL REPORT 2015-16

Sl. No.	Title	Report No	Month/Year
April - 2015			
1.	Study of predicting the receding low tide line at Pirpau, Mumbai, using Remote Sensing Data	5283	04/2015
2.	Mathematical model studies for evolving flood protection measures along river Swan and its tributaries joining Beas Basin, H.P.	5284	04/2015
3.	Study of assessment of shoreline changes using remote sensing techniques due to the development of port facilities for M/s JSW Infrastructure Ltd (JSWIL) at Thane, Maharashtra	5285	04/2015
4.	Hydraulic model studies for assessing flood control management benefits due to construction of Dagmara barrage, Bihar	5286	04/2015
5.	Desk studies to assess availability of water during lean season in Farakka feeder canal for 2100 MW Farakka Super Thermal Power Plant, Farakka, West Bengal	5287	04/2015
May - 2015			
6.	Mathematical model studies for surge analysis of Kotgal Lift Irrigation Scheme, Dist. Gadchiroli, Maharashtra	5288	05/2015
7.	Additional mathematical model studies for tidal hydrodynamics and sedimentation for the development of port facilities for M/s JSW at Nandgaon, Thane	5289	05/2015
8.	Determination of geo-textile properties of geobags from WRD, Muzaffarpur, Bihar	5290	05/2015
9.	Determination of geo-textile properties of geobags from WRD, Birpur, Bihar	5291	05/2015
10.	Measurement of water flow through 3m-dia cooling water pipe line at TATA Power project, Trombay	5292	05/2015
June - 2015			
11.	Surge analysis and suggesting anti-surge device on rising main of Lal Nala Lift Irrigation Scheme, Taluka-Chimur, Dist. Chandrapur, Maharashtra	5293	06/2015
12.	Mathematical model studies to assess backwater effect of proposed Neradi barrage along with provision of protection wall on river Vamsadhara	5294	06/2015

13.	Mathematical model studies on hydrodynamics and siltation for Outer harbour project of Cochin Port	5295	06/2015
14.	(SECRET)	5296	06/2015
15.	Hydraulic model studies for desilting chamber for Teesta HE project Stage-IV, Sikkim	5297	06/2015
16.	Studies on various physical parameters of epoxy based mortar a coating material by M/s Perma Construction Aids Pvt. Ltd., Mumbai	5298	06/2015
July - 2015			
17.	Physical model studies for the revised alignment of offshore breakwater at Paradip Port, Odisha	5299	07/2015
18.	(SECRET)	5300	07/2015
19.	Surge analysis and suggesting anti-surge device on rising main of Narayankhed and Nimgaon Wayal Lift Irrigation Scheme	5301	07/2015
20.	Assessment of quality of masonry core of Darna dam, Maharashtra	5302	07/2015
21.	Sub-bottom seismic reflection profiling of Intake Channel of TAPS 3 & 4, Tarapur, Maharashtra	5303	07/2015
22.	Hydraulic model studies for Dri Dam spillway, Etalin project, Arunachal Pradesh, 1:40 scale	5304	07/2015
23.	Hydraulic model studies for Dri Dam spillway, Etalin project, Arunachal Pradesh, 1:50 scale 2D sectional model	5305	07/2015
24.	Updating the analysis of meteorological data for the proposed atomic power project at Gorakhpur, Haryana for NPCIL	5306	07/2015
August - 2015			
25.	Analysis and interpretation of dam instrumentation data for the period January 2014 to December 2014 for non-overflow block 25, Indirasagar Dam	5307	08/2015
26.	Identification of suitable materials and suggesting methodology for repairing of damages towards arresting leakage/seepage of water in Aqueducts, Goa	5308	08/2015
27.	Mathematical model studies for surge analysis of Palasgaon-Amdi Lift Irrigation Scheme, Tal. Ballarpur, Maharashtra	5309	08/2015
28.	Updation of extreme value analysis of meteorological parameters for GHAVP site, Haryana	5310	08/2015

29.	Estimation of site-specific design parameters for Pancheshwar multipurpose project, Nepal	5311	08/2015
30.	Mathematical model studies for estimation of littoral drift distribution and shoreline changes due development of port facilities for M/s JSW at Tarapore, Thane	5312	08/2015
31.	Estimation of site-specific seismic design parameters for Teesta Low Dam Stage-V HEP, West Bengal	5313	08/2015
32.	Testing and calibration of ultrasonic flowmeter type installed at the integrated gate using primary gravimetric standard for Krishna Bhagya Jalam Nigam Ltd., Karnataka	5314	08/2015
September - 2015			
33.	Hydraulic model studies for the Revised Design of Teesta-IV Dam Spillway, Sikkim, 1:60 scale 3D comprehensive model	5315	09/2015
34.	Mathematical model studies for estimation of littoral drift and shoreline changes due to proposed development of Nuclear Power Project at Kowada, A.P.	5316	09/2015
35.	Mathematical model studies to assess impact on Tidal Hydrodynamics and sedimentation at proposed Nuclear Power Project at Kowada, A.P.	5317	09/2015
36.	Mathematical model studies to examine thermal dispersion of warm water discharge from Nuclear Power Project at Kowada, A.P.	5318	09/2015
October - 2015			
37.	Studies for the design of breakwaters, seawall and Groynes for the rehabilitations scheme for the development of fishery harbour at Theyga pattinom, T.N.	5319	10/2015
38.	Mathematical model studies for wave tranquility for second stage development of Karwar Port, karnataka	5320	10/2015
39.	MMS for determining locations of intake and outfall of proposed Nuclear power park at Mithivirdi, Gujarat	5321	10/2015
40.	MMS for to assess impact on Tidal Hydrodynamics and sedimentation due to proposed development of Nuclear Power Park at Mithivirdi, Gujarat	5322	10/2015
41.	Desk and wave flume studies for the design of breakwaters for the development of fishery harbour at Uppunda - Modikal, Karnataka	5323	10/2015
42.	Mathematical model studies for wave tranquillity and shoreline changes for proposed fishing harbour at Upunda- Modikal,	5324	10/2015

	Karnataka		
43.	Underwater sonic logging of Boreholes at Kalyani, Kolkata for Fugro GeoTech Ltd.	5325	10/2015
44.	Estimation of site specific design parameters for Nand Prayag Langasu H.E. Project, Uttarakhand	5326	10/2015
45.	Hydraulic Model Studies for activation of natural offshoot channel (central channel) in River Kosi, Bihar	5327	10/2015
November - 2015			
46.	Hydrographic survey to ascertain silt deposition in upstream of Ransai dam, Raigad, Thane, Maharashtra	5328	11/2015
47.	Analysis and interpretation of Dam Instrumentation Data for period Jan 2014 to Dec 2014 for Spillway Block 13, Indira Sagar Dam, M.P.	5329	11/2015
48.	Desk studies for the design of coastal protection measures at ONGC plant Unan, Dist. Raigad, Maharashtra	5330	11/2015
49.	Wave Tranquillity study on physical model for Project Varsha (SECRET)	5331	11/2015
December - 2015			
50.	Study for diversion of two nalas passing through plant of Jindal Steel and Power Ltd. at Patratuy, Ranchi, Jharkhand	5332	12/2015
51.	2-D Numerical Model Studies for reservoir sedimentation of 900 MW Arun-III, HE Project, Nepal	5333	12/2015
52.	Surge analysis and suggesting anti-surge device on rising main of Tedhawa Shivani Lift Irrigation Scheme, Dist Gondia, Maharashtra	5334	12/2015
53.	2-D Numerical model studies for reservoir sedimentation of Kwar HE Project, Jammu & Kashmir	5335	12/2015
54.	Hydraulic model studies for modified design of spillway & energy dissipator for Mangdechhu HE Project, Bhutan (Alternative - II) 1:60 Scale 3-D Comprehensive model	5336	12/2015
55.	Vetting of Mathematical model studies for Hydro dynamics, siltation and shoreline Evolution due to proposed extension of Jetty at Daheg, Gujarat	5337	12/2015
56.	Mathematical Modeling of hydrodynamic and sediment transport for relocation of sand trap to reduce siltation in the approach channel at Chennai Port	5338	12/2015

57.	Integrated 1-D and 3-D mathematical model studies for reservoir sedimentation of Teesta-IV HE Project, Sikkim	5339	12/2015
January - 2016			
58.	Study of diversion of Mahalania Nala passing over the Chakla Coal Block at Chandwa, Jharkhand	5340	01/2016
59.	Mathematical Model Studies for wave tranquillity for revised alignment of offshore breakwater at Paradip Port, Orissa	5341	01/2016
60.	Hydraulic Model Studies for spillway of Tangon Limb of Etalin H.E Project Arunanchal Pradesh 1:40 scale 2-D Sectional Model	5342	01/2016
61.	Mathematical Model Studies for tidal Hydrodynamics and morphological equilibrium of Hugli estuary for the Sagar Thermal Power project at Navychara Island, West Bengal	5343	01/2016
62.	Mathematical Model studies for wave tranquillity for the proposed development of outer harbour at Cochin Port, Cochin, Kerala	5344	01/2016
63.	Studies for Hydrodynamics and siltation for fishing harbour at Thottappally, Kerala	5345	01/2016
64.	Inspection of Nathpa Thakri HE Project, Himachal Pradesh to assess performance of spillway and sky-jump bucket	5346	01/2016
65.	Mathematical Model Studies for littoral drift and shore line change due to fishing harbour at Thrikkunnapuzha, Kerala	5347	01/2016
66.	Field studies for rating of Tungbhadra Left Bank Canal (LBC) at Ch. 28 in Mile 1 TB Dam, Munirabad, Koppal, Karnataka	5348	01/2016
67.	Testing of construction material from lower Tapi Project, Maharashtra	5349	01/2016
68.	Wave tranquillity studies for deepening of existing approach channel at Mormugao Port, Goa	5350	01/2016
69.	Testing & calibration of Contact free Radar type discharge sensor for Tehri Hydro Development Corporation, Uttarakhand	5351	01/2016
70.	Mathematical Model Studies for evolving flood protection measures along Giri river near villages Rajban and Nawada, Dist. Sirmour, Himachal Pradesh	5352	01/2016
71.	Desk & Wave flume studies for the design of breakwaters for the development of Fishery Harbour at Keni, Uttara Kannada Dist., Karnataka	5353	01/2016
72.	Analysis and Interpretation of power house instrumentation data for the period Jan 2013 to Dec 2014, Indira Sagar HE Project, MP	5354	01/2016

73.	Mathematical Model Studies for assessment of shoreline changes for the development of Munambam Fishing Harbour, Kerala	5355	01/2016
February - 2016			
74.	Mathematical Model Studies for wave tranquillity for the development of fishery harbour at Keni, Karnataka	5356	02/2016
75.	Mathematical model studies for littoral drift and shoreline evolution for fishing harbour at Ajanur, Kerala	5357	02/2016
76.	Mathematical Model studies for hydrodynamics and sediment transport due to the proposed Mega Container Terminal off Tekra near Tuna, Kandla Port	5358	02/2016
77.	Petrographic analysis is of coarse & fine aggregates for lower Tapi Project Tal. Amalner, Dist. Jalgaon, Maharashtra	5359	02/2016
78.	Studies for evaluating mortar making properties of fine aggregate (sand) Lower Tapi Project, Maharashtra	5360	02/2016
79.	1D Mathematical Model Studies for protection of right bank of river Brahmaputra along Majuli Island, Assam	5361	02/2016
80.	Mathematical Model Study for surge analysis of the water conductor system of the Luhri Hydro Electric Project, Himachal Pradesh	5362	02/2016
81.	Hydraulic model studies for salt flushing tunnel beyond Desilting Chamber for Punnatsangchhu-II, HE Project, Bhutan	5363	02/2016
82.	Hydrographic survey of Indira Sagar Reservoir using Integrated Bathymetry Survey System	5364	02/2016
83.	Hydraulic model studies for Dri Dam spillway Etalin H.E. Project, Arunachal Pradesh	5365	02/2016
84.	Wave Tranquillity studies for Dry Bulk Cargo Terminal at Tuna-Tekra, Kandla Port	5366	02/2016
85.	Mathematical Model studies for development of fishing harbour at Thengapattinam in Kanyakumari Dist, Tamil Nadu	5367	02/2016
86.	Hydraulic model studies for Tangon Dam spillway, Etalin H.E. Project, Arunachal Pradesh, 1:60 Scale 3-D comprehensive model	5368	02/2016
87.	Mathematical model studies for assessing the effect of proposed new dry dock of Cochin & shipyard on nearby waterfront facilities at Cochin	5369	02/2016
March - 2016			

88.	Determination of properties of construction materials for proposed lower Tapi earthen dam, Jalgaon, Maharashtra	5370	03/2016
89.	Estimation of site specific seismic Design parameters for Siang Storage project, Arunachal Pradesh	5371	03/2016
90.	Bridge feasibility for New Railway Line on Ahmednagar - Beed Parli Section for Central Railways, Maharashtra	5372	03/2016
91.	Studies for design of breakwater and coastal protection for development of fisheries harbour at Bhatkal, Karnataka	5373	03/2016
92.	Desk & Wave flume studies for the design of breakwaters for the 2nd stage development of Port at Karwar, Karnataka	5374	03/2016
93.	Stability analysis of proposed railway embankment under run mergence of Khaintephal (Poonds) Storage tank, Central Railway, Pune	5375	03/2016
94.	Mathematical model studies for assessment of wave tranquillity inside the port basin at Kamarajar Port, Tamilnadu	5376	03/2016
95.	Mathematical Model studies for the development of Fishery Harbour at Majali in Uttar Kannada Dist, Karnataka	5377	03/2016
96.	Hydraulic model studies for discharging capacity for full and partial gate operation of Dri Dam Spillway, Etalin HE Project, Arunachal Pradesh, 1:40 scale 2D sectional model	5378	03/2016
97.	Controlled blat studies for excavation of rock for Lodha -Casa Rio - Ghesar Project, Dombivali, Maharashtra	5379	03/2016
98.	Hydraulic model studies for discharging capacity for partial gate operation Tangon Dam Spillway, Etalin HE Project, Arunachal Pradesh, 1:40 scale 2D sectional model	5380	03/2016
99.	Hydraulic Model Studies for desilting chamber for Etalin HE Project Tangon Limb, Arunachal Pradesh	5381	03/2016
100.	Hydraulic Model studies for Devsari dam spillway, Uttarakhand, 1:40 scale 2D sectional model	5382	03/2016
101.	Desk studies for the design of coastal protection measures at various sites in Valsad Dist. Gujarat	5383	03/2016
102.	Mathematical model studies for modified layout proposal of International Airport at Navi Mumbai for M/s CIDCO, Maharashtra	5384	03/2016
103.	Studies for various physical parameters of polymer modified cementitious jointing mortar material towards assessment of suitability for repairing distressed civil structures M/s Perma Construction Aids Pvt. Ltd., Mumbai	5385	03/2016

104.	2-D Numerical model studies for reservoir sedimentation of Kwar HE Project, J & K	5386	03/2016
105.	Hydraulic model studies for flushing of sediment from reservoir, Dhaulasidh HE Project, H.P.	5387	03/2016
106.	2D Mathematical Model Studies for protection of right bank of river Brahmaputra along Majuli island, Assam	5388	03/2016