

STATUS REPORT ON IMPLEMENTATION OF ENVIRONMENT SAFEGUARD MEASURES IN COMPLIANCE OF THE 48TH MEETING OF ENVIRONMENT SUBGROUP

(March 2017)

Sr. No.	Direction/ Identified Areas under Shortfall	Progress/Status
1	State Govt. should submit the Action Plan in the next three months(i.e. by 30 th June, 2010) and also to ensure the fund required for its implementation	GOG has submitted the requisite Action Plan to NCA on 10/6/2010.
2	State Govt should submit the quarterly progress report to NCA for its periodical review to have a closer monitoring.	GOG has submitted the Progress report for Quarter ending March 2017 to NCA.
3	The ESG in its 48 th meeting held on 1 st April 2010 while considering the recommendation for construction of piers and bridge under phase I of raising dam height to FRL has identified the shortfalls in the implementation of ESM for State of Gujarat are summarized as below	
	(a) Environment Safeguard Measures Plan for Command Area (Ph.-II) as per guidelines finalized by Committee of Experts on CAD Plan	Environment Safeguard Measures Plan for Command Area (Ph.-II) as per guidelines finalized by Committee of Experts on CAD Plan submitted to NCA on 29/08/2016. (Annexure-I)
	(b) Completion of remaining works in Shoolpaneshwar Sanctuary	Remaining works in Shoolpaneshwar Sanctuary are completed. Compliance report submitted. (Annexure-II)
	(c) Declaration of all compensatory afforested Non Forest areas as Reserved / Restricted Forest	<ul style="list-style-type: none"> • Entire 4650 ha non forest area under compensatory afforestation has been declared under Section 4. • Of 4650 ha non forest area afforested, total 1510.87 ha non forest area declared as reserved forest till March 2016. (Annexure-III) • For remaining area process is on • A High level Meeting was also convened in the matter on 25/4/2017, wherein Addl. Chief Secretary (Narmada), ACS (R&R), ACS(Forest & Env) and Principal Secretary (Revenue) participated. Action Plan to complete remaining tasks has been prepared, which will be closely monitored.
	(d) Establishment of regular monitoring & reporting & dissemination of reports through NCA website	The requisite report sent to NCA. NCA has to disseminate to its website.
	(e) Completion of works as per Health Action Plan	Statement of Completion of works envisaged under Health Action Plan is submitted in March-2011. (Annexure-IV)

ANNEXURE-I

SSNNL/Env/ ESG/ 49th / 508

Date: 29/8/2016

To,
The Member (E &R),
Narmada Control Authority,
Narmada Sadan, Sector – B,
Scheme No. 74,
Vijaynagar, Indore-452010 (M.P.)

Sub: Submission of Seismological data of Sardar Sarovar Project & Environment
Safeguard Measures Plan

Ref: Agenda item of 49th Meeting of ESG

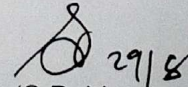
Sir,

This is with reference Agenda item of 49th Meeting of ESG, NCA referred in above, please find herewith a copy of Seismic Bulletin for Year 2012, 2013 and 2014.


Further, it is requested to please find herewith Environment Safeguard Measures Plan for Command Area Phase-II (A, B1, B2, C, D).

Thanking you,

Yours sincerely


(S.D. Vora)

Encl: As above


Addl. Prin. Chief Conservator of Forests
SSNNL, Gandhinagar

ANNEXURE-II

STATUS OF IMPLEMENTATION OF BALANCED WORKS FOR DEVELOPMENT OF SHOOLPANESHWAR SANCTUARY

(March2017)

Sr. No	Details of works	Nos. of Total balanced work	2010-11		2011-12		2012-13	
			Physical		Physical		Physical	
			Target as per Action Plan	Achieved by Forest Dept. GOG	Target as per Action Plan	Achieved by Forest Dept. GOG	Target as per Action Plan	Achieved by Forest Dept. GOG
1	Construction of new wells	4	2	4	2	*	-	-
2	Deepening of well	7	3	7	4	*	-	-
3	Hand pumps	16	6	16	6	*	4	*
4	Bore wells with electric connection	1	0	1	1	*	-	-
5	Aveda	17	5	17	7	*	5	*
6	Bio gas	100	20	50	40	50*	40	*
7	Crematoria	20	7	10	10	10*	3	*

Note: * Some targets of yr. 2011-12 and 2012-13 are achieved in financial yr. 2010-11 & 2011-12 in advance

Annexure -III

Non Forest Land Afforested Under Compensatory Afforestation Declared Under IFA,1927 - Section 20

Sr No.	Taluka	Village	Survey No.	Area Transferred to Forest Dept	Area Planted (ha)	Area Notified under section 4	Planted area Notified under section 20	Notification No. Section 20
1	2	3	4	5	6	7	8	9
1	Mandavi	Dhokada	229	121.01	90.00	121.01	90.00	GVN/2000/(48) /JJM/1099/3464/K, dtd..19.05.2000
2	Mandavi	Bada	526 paiki	250.00	180.00	250.00	180.00	GVN/1999/(105) /JJM/1099/1729/K, dtd.. 17.06.1999
3	Mandavi	Ratadia Mota	348 paiki	130.71	120.00	130.71	120.00	GVN/2000/(97) /JJM-102000-1191-K, dtd. 31.07.2000
4	Mandavi	Godhara	694 paiki	301.00	285.00	301.00	285.00	GVN/1999/(133) /JJM/1099/3792/K, dtd..06.10.1999
5	Mandavi	Vindh	111	105.00	95.00	105.00	95.00	GVN-2009/(38)/JJM-1009-SF-22(I) - F, dtd. 31.08.2009.
6	Mandavi	Kotadi Mahadev apuri	370,380 to 388, 398,400, 476 paiki	90.00	90.00	90.00	89.00	GVN-2010/(22) /JJM-1010-SF-11 - F, dtd.07.10.2010.
7	Abdasa	Dhrufi Moti	469,470 to 476, 478 to 481	97.84	65.00	97.84	65.00	GVN-2012/(14) /JJM-1012-SF-63 - F, dtd.29.02.2012.
8		Kanothia	85,86,87	137.31	80.00	137.71	80.00	GVN-2012/(25) /JJM-1012-SF-126 - F, dtd.01.08.2012.
9		vanku	493 to 499, 507, 508, 512	208.33	170.00	208.33	170.00	GVN-2012/(27) /JJM-1012-SF-128 - F, dtd.01.08.2012.
10	Nalia (Abdasa)	Vinjan	1089 to 92, 1101 to 06 1203,1204	456.93	325.0	457.94	235.29	GVN-2012/(26) /JJM-1012-SF-127 - F, dtd.01.08.2012.
11	Nalia (Abdasa)	Jakhau	844, 1482 to 85		385.00	352.58	101.58	GVN-2012/(34) /JJM-1012-SF-127 - F, dtd.22.10.2012.
							1510.87	

ANNEXURE -IV

WORK PLAN FOR PUBLIC HEALTH – APRIL 1986

Sub sector – A ; Surveillance and Control of water related diseases and other communicable diseases – Vector Born diseases

Scheme 1 Hospital at Project Site

Sr. No	Targets	Achievement
1	Hospital at Project Site	<ul style="list-style-type: none"> ▪ 25 bed hospital established at Kevadia, under SSNNL, with medical & paramedical functionaries. ▪ The hospital has 2 Medical Officers, Lab Tech, Nurses, Pharmacist, X-Ray Tech. ▪ 4 Field workers for vector control measures

Scheme 2 Strengthening of Laboratory Services

(A) Non recurring

Sr. No	Particulars	Targets/Phase			Achievement			Remarks
		I	II	III	I	II	III	
(i)	Health Laboratory (Regional Level)	1	2	2	1	2	2	<ul style="list-style-type: none"> • Health Laboratory established at Regional level at Vadodara (Ph I), Ahmedabad & Gandhinagar(Ph II) , Rajkot & Bhavnagar (Ph III). • Cross checking laboratory & Entomological laboratory also established in each region.
(ii)	Public Health Laboratory (State Level)	1	-	-	1	1	1	<ul style="list-style-type: none"> • 3 Sate level Laboratories established at Vadodara, A'bad & Rajkot. • These are now merged with the Microbiology Dept of Govt. Medical College Vadodara A'bad & Rajkot. • Lab. are fully equipped for public Health

(iii) & (iv)	District Laboratory Laboratory Equipment	4	5	6	4	5	6	District level general hospitals are functioning in command areas having district laboratories fully equipped for testing facilities for communicable and non communicable diseases.
	Total (Nos) of PHC & CHC	21	10	51	64 8	75 17	88(PHC) 19(CHC)	<ul style="list-style-type: none"> 227(82) PHC level Laboratories. 44 CHCs level laboratories are functioning
	Grand Total	27	17	59	88	90	116	

- In addition to above, net-work of 1 apex & 7 referral laboratories has been established in all Medical college & hospitals.
- 1 primary lab in Mehsana district is established for public health aspects

(B) Recurring

Sr. No.	Details	Target (No. of posts)				Achievement				Remark
		Regional Level	S.P.H. Level	District Level	Total	Regional Level	S.P.H Level	Dist. Level	Total	
1	Medical Officer	4	1	-	5	5	3		8	<ul style="list-style-type: none"> 5 MOs with vehicle are functioning. working for water borne & vector borne diseases & Public health laboratories
2	Epidemic Medical Officer	4	3	5	12	5	4	15	24	24 Medical Officers are working for Epidemic.
3	Lab. Technician	4	3	12	19	20	3	30	53	In addition 30 LTs are functioning at district level hospitals of SSP districts
4	Epidemiologist cum Sanitary Supervisor(ECSS)	-	-	8	8	5	-	15	20	<ul style="list-style-type: none"> In all SSP command areas at district level 15 ECSS are functioning for public health 5 ECSS are functioning at regional level offices in SSP command areas

5	Reagents for Laboratory	4	L.S.	L.S	4					As envisaged under NRHM, IDSP laboratories reagents, kits and other lab required equipments and materials supplied regularly as per the needs
	Sub Total	16	7	25	48					Thus as per current need, sufficient no. of MOs, LTs , ECSSs are functioning for various public health aspects under Public health Dept of GOG.

Scheme - 3 Provision for Laboratory Technician in Existing P.H.C.

Sr. No.	Particular	Targets	Achievement	Remarks
(A) Recurring				
(i)	Lab. Technician in each PHCs.	82	227	<ul style="list-style-type: none"> LTs are functioning in the PHCs of Command areas Regular and contractual posts of Lab tech in all 227 command areas PHCs are made functional.
(B) Non Recurring				
(i)	Extension & PHC Buildings	(L.S)		Under PIU, GOG has extended PHCs buildings and also build up new PHCs, laboratory, IPDs facilities.
(iii)	Lab. Equipments	(L.S)		All lab facilities including equipments provided to all laboratories.

(B) Recurring

Sr. No.	Details	Target (No. of posts)				Achievement
		Regional Level	S.P.H. Level	District Level	Total	
1	Medical Officer	4	1	-	5	As per Scheme 2 (B) recurring
2	Epidemic Medical Officer	4	3	5	12	
3	Lab. Technician	4	3	12	19	
4	Epidemiologist cum Sanitary Supervisor	-	-	8	8	
5	Reagents for Laboratory	4	L.S.	L.S	4	
	Sub Total	16	7	25	48	

Sector – B

SURVEILLANCE AND CONTROL OF MALARIA

Scheme No. 1: Strengthening of State Level Organization. Under Epidemic, NVBDCP and IDSP under the umbrella of NRHM:

Sr. No.	Name of Post	Target	Achievement	Remarks
1.	Assistant Director (Epidemiology)	1	1 Dy. Director 1 Asst Director 1 State Epidemiologist 1 State Surveillance Officer for IDSP post established	Dy. Director post is sanctioned and functioning for epidemiological aspects for all communicable diseases, In addition to post of Dy. Director(Epidemic), to support him, 1 Asst Director(Epidemic),1 State Epidemiologist,1 State Surveillance Officer for IDSP post established and functioning to strengthen the organization for surveillance and early response. Joint Director and Additional Director Health are looking after all public health related aspects and related activities feed back to Regional, District level and higher echelon of state and central level.
2.	Assistant Director (Entomology)	1	2 posts functioning for entomology.	Instead of Asst. Director entomologist, 2post for State Entomologist under NVBDCP and contractual State entomologist for IDSP
3.	Insect collectors	8	12 posts	2 Insect- collectors posted at State HQ, 10 post are functioning at 5 Regional Offices for health and Medical services under 5 Zonal Entomologist(Class-II) Thus total 12 post for Insect-collector filled up on regular as well as on contractual basis in SSP command and Non command areas of the state.
4.	Field Worker	2	2	Functioning at state Level under NVBDCP
5.	Lab Tech.	2	2	
6.	Statistical Assistant	1	4	MOs & including HQ Malaria officers
	Non Recurring Expenditure (Jeep) Pickup Van	7 12	10 Jeep type vehicles. 12 Medium Vehicle for transportation purpose.	(I) All Jeep vehicles are provided to above officers for field visits, monitoring & supervision (II)Icer/Swaraj mazada type Medium Lodding vehicle provided to 5 Regional offices for H & M and districts for transportation of various goods like Insecticides, ITMNs, Spray pumps ,medicines etc.

Scheme No. 2: Additional Staff of District Level Organization.

Sr. No.	Name of Post	Target			Achievement			Remarks
		Ph-I	Ph-II	Ph-III	Ph-I	Ph-II	Ph-III	
1.	Assistant Director (Epidemiology)	1	1	-	4 ADHO 4 DSO	6 ADHO 6DSO	5 ADHO 5 DSO	Presently, instead of Asstt. Director post, Additional District Health Officer and District Surveillance Officer functioning in each districts of even command areas for epidemiological aspects of activities
2.	Field Worker	5	7	8	8	12	10	In each districts 2-3 FWs are working on contractual basis for NVBDCP Programme. In addition to this, in each talukas, a team of 4 FWs and 1 SFWs deployed in high risk villages during transmission period for vector borne diseases..
3.	Malaria Supervisor	3	5	5	-	-	-	Posts of Malaria supervisor are vacant but currently each PHC having post of Multipurpose Health Supervisor (Male- MPHS), they are made responsible to discharge the duties for supervision ,planning, monitoring for Residual spray, Mosquito Nets treatment, anti- larval operation etc. Previously one malaria supervisor posted at taluka level , currently decentralization of 10-12 MPHS for such supervision.
4.	Malaria Surveillance Worker	7	9	8	8	12	10	In each district, at least 2-3 male MPWs are posted or One MPHS at Block level posted for supporting district level /Block level duties to support BHOs Or DMOs

Scheme No. 3: Anti Malaria Organisation for Colony

Sr. No.	Name of Post	Target	Achievement	Remark
A	Non Recurring Expenditure Vehicle and Fogging Machines	L.S.	Vehicle to each district/ Block level and fogging machine are made available. All preventive and controlling measures are being undertaken by each PHCs of Block Nandod.	Under NRHM and Block health Officer pattern is being implemented in the district, similarly under Nadod block, a complete infrastrucure functioning for Kevadia colony. Fogging machines, Knapsacks pumps, Temephose, Insecticide, Bio-larvicides etc are being utilized for prevention and control of malaria and other vector borne diseases in the project areas, project site and Kevadia colony as well as the Nandod Block is covered under ITMNs(Treated Mosquito Nets)
B	Recurring Expenditure			
1.	Biologist	1		
2.	Malaria Supervisor	1		
3.	Malaria Surveillance Worker	21		
4.	Field Worker	50		
5.	Insect Collector	2		
6.	Superior Field Worker	12		
7.	Malaria Surveillance Inspector	1		

Scheme No. 4: Residual Insecticidal Spray Operation (Synthetic Pyrethroids & Molathion 25% WDP)

	Details	Target				Achievement				Remarks
		Phase-I	Ph-II	Ph-III	Total	Phase-I	Ph-II	Ph-III	Total	
A	Project Population to be covered in lacs	5.31 (1992)	6.48 (1997)	9.19 (2005)	20.98	All 15 districts under Phase I-II-III covered regularly under Indoor Residual spray as per the norms of NVBDCP of GOI				IRS for 2009 & 2010 shown in tables
Details given in Table 1										

TABLE:1

SSP Districts covered under Indoor Residual Spray-2009

Sr NO	District	Insecticide	Villages covered	Population covered
1	Ahmedabad	Malathion 25%	16	35150
2	Nadiad	APCM 5%	13	59551
3	Anand	APCM 5%	52	227812
4	Surendranagar	Malathion 25%	133	232583
5	Gandhinagar	APCM 5%	1	1435
6	Mehsana	APCM 5%	36	51889
7	Patan	Malathion 25%	93	143203
8	Banaskantha	APCM 5%	81	104270
9	Vadodra	APCM 5%	136	145920
10	Panchmahals	APCM 5%	139	199247
11	Bharuch	APCM 5%	64	100474
12	Narmada	APCM 5%	131	139367
13	Rajkot	APCM 5%	83	122882
14	Kutch	Malathion 25%	263	404051
15	Bhavnagar	APCM 5%	39	113125
Total			1280	2080959

SSP Districts covered under Indoor Residual Spray-2010

Sr No	District	Insecticide	Villages covered	Population covered
1	Ahmedabad	APCM 5%	5	7887
2	Nadiad	APCM 5%	7	53615
3	Anand	APCM 5%	40	166757
4	Surendranagar	APCM 5%	72	72620
5	Gandhinagar	APCM 5%	2	7820
6	Mehsana	APCM 5%	18	23611
7	Patan	APCM 5%	25	52972
8	Banaskantha	APCM 5%	25	34970
9	Vadodara	APCM 5%	117	137800
10	Panchmahal	APCM 5%	186	209810
11	Bharuch	APCM 5%	63	93833
12	Narmada	APCM 5%	59	70362
13	Rajkot	APCM 5%	63	95473
14	Kutch	APCM 5%	163	57829
15	Bhavnagar	APCM 5%	35	70070
District Total			880	1155429