

## State Lake Conservation Plan - Summary and Current Status of the ongoing Lake Conservation projects

(Feb 2013)  
(Rs. in lakhs)

Sr No	Name of Lake & Lake Details	Date of approval & Expected period for Completion	Approved Cost	Grant released	Expenditure incurred	Sanctioned Work & Completion Status (in %)
Year 2006-07						
1	<b>Yamai Lake, Pandharpur</b>  Area : 88 ha Depth : 5 Mts.	7/3/2007  36 months (Feb, 2010)	292.00  GoM Share : 204.40 Local Body Share: 87.60	GoM : 204.40 Local Body : 87.00	256.87	1) Removal of sludge (silt) & weed from lake. (100%) 2) Development of existing facilities & Strengthening of boundaries, dam wall, stone pitching, embankment. (100%) 3) Development of new facilities as catchment area treatment in nearby region to minimize pollution. (100%) 4) Environmental education, Public awareness, beautification of lake, use of renewable energy as solar panels, etc. (47%) 5) Low cost sanitation systems & sewage treatment (15%) 6) Providing fencing around lake (100%) 7) 8% centage charges (with consultancy & technical fee). (27%)  <b>Desilting work is still going on as reported in April 2012</b>
2	<b>Charlotte Lake, Matheran</b>  Area : 2.42 ha Depth : 20 Mts.	7/3/2007  36 months (Feb, 2010)	362.56  GoM Share : 326.30 Local Body Share: 36.26	GoM : 100.00 Local Body : 10.00	50.06	1) Lake Cleaning, Dredging at Quarry Site including loading, unloading, stacking of dredged material. (Desilting - 91%) 2) Development of existing Infrastructure facilities & Strengthening of boundaries, dam wall, stone pitching, embankment. (91%) 3) Development of new facilities

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						as catchment area treatment in nearby region to minimize pollution. (67%) 4) Environmental education, Public awareness Campaigns etc. 5) lake water quality monitoring, 6) Beautification of lake & Non Conventional Energy Promotion 7) Ecological Restoration & vegetative contour bunding 8) 8% centage charges (with consultancy & technical fee)
3	<b>Hanuman Lake, Katol</b>  Area : 2.55 ha Depth : 5 Mts	7/3/2007  36 months (Feb, 2010)	213 .00  GoM Share : 191.00 Local Body Share: 22.00	GoM : 181.00  Local Body : 18.27	182.36	1) De-silting & Disposal of desilted material. (100%) 2) Beautification & landscaping. 3) Cost of Aeration System. (100%) 4) Training, Capacity building & Public awareness. 5) Cost of monitoring & Evaluation (40%) 6) Providing of low cost sanitation community toilets for the surrounding hutments. (100%) 7) Providing pitching and bunding (100%) 8) Providing Chain link Fencing surrounding the periphery of the lake. (100%) 9) Maintenance of existing facilities, solid waste management, Nirmalaya, etc 10) 8% centage charges (with consultancy & technical fee)
Year 2007-08						
4	<b>Shrimant Jaysingrao Lake, Kagal, Kolhapur</b>	25.09.2007  36 Months	260.40  GoM Share : 216.41	GoM : 200.59  Local Body :	220.01	) In-Situ Cleaning (i) De-weeding (100%) (ii) De-silting (Wet & Dry) (19% & work closed)

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	Area : 42.81 ha Depth : 7 Mts	(Sep,2010)	Local Body Share: 44.05	10.00		<p>2) Prevention of the lake water and feeder canal water contamination by night soil due to open defecation practices by nearby residents, dung, animal wastes and animal washing activities by farmers and local villagers and industrial establishments in immediate vicinity at the MIDC area as well as Cost of treatment of Lake body and Lake peripherals.</p> <p>3) Lake body and catchment demarcation, its treatment and development through shelterbelt plantation and mass afforestation as well as preparation of a buffer zone, provision of constructed wetlands to arrest, treat / prevent pollution ingress in to the lake from nearby localities &amp; fast growing Kagal - Hatkanangale Five Star MIDC area on northern and northeastern sides of the lake. (Mass afforestation, Shelter belt Plantation, Buffer Zone/ Constructed wet land ) (50%)</p> <p>4) Lake's Infrastructure (100%)</p> <p>5) Demarcation of Lake Boundaries (100%)</p> <p>6) Environmental Awareness and Public Participation</p> <p>7) Water Analysis (ongoing)</p> <p>8) 8% centage charges (with consultancy &amp; technical fee)</p> <p>9) Addittional approved new work (some part completed)</p>
5	<b>Dedargaon Lake, Dhule</b>	15.02.2008	373 .44	GoM : 150.00	134.53	1) Increasing Water Holding Capacity by Desilting & Lake Edge Cleaning by

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	Area : 100.66 ha Depth : 3.7 m	26 Months ( April, 2010)	GoM Share : 261.41 Local Body Share: 112.03	Local Body : 45.00		<p>removing unwanted plants. ( De-silting 80% as on Sep 2009)</p> <ol style="list-style-type: none"> <li>2) Securing Lake edge and immediate catchment by Fencing.</li> <li>3) Desilting of Feeder Streams by Excavation</li> <li>4) Existing Infrastructure Development (Strengthening of Cross wall, strengthening of earthen dam)</li> <li>5) Soil Erosion Control Measures</li> <li>6) Ecological Restoration by indigenous plantation along streams and on identified areas and wetland vegetation along lake edges and buffer vegetation.</li> <li>7) Dam Wall Beautification</li> <li>8) Public awareness Campaign, Plantation camps through NCC, Social forestry, and National Green Corps (Eco Club activities), NSS Workshops for tree plantation, vegetative fencing, lake cleaning, sanitation, displays, water conservation etc.</li> <li>9) Approach area Development i.e. Landscaping, recreational activity, Lighting, congrration areas, etc.)</li> <li>10) Toilet Block With STP (Two units with three seats and wash room and water supply facility)</li> <li>11) Nature trails, and development of picnic spot at Anwar Nala.</li> <li>12) Creating a Pond for Cattles on downstream of Dam wall by construction of retaining Bund.</li> <li>13) Total Station Survey of area around the</li> </ol>

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						Lake for execution of work 8% centage charges (with consultancy & technical fee)
Year 2009-10						
6	<b>Sonegaon Lake, Nagpur</b>  Area : 20 ha Depth : 0.6 to 1.00 m	17.03.2010  24 Months ( Feb, 2012)	324.84 GoM Share : 227.39 Local Body Share: 97.45	GoM : 63.00 + 125.00 = <b>188.00</b> Local Body : 47.00	326.97	1. Total station survey of lake and it's surrounding 2. Visarjan Tank 3. Tool and Electrification Room 4. Toilet Block & Septic Tank 5. Cleaning, Dredging & Desilting of lake (Subject to detail estimations) 6. Floating Island 7. Green Zone - Tree Plantation 8. Indigenous Tree Plantation along promenade and within the catchment area 9. Fencing 10. Coursed Rubble Masonary Wall At Overflow 11. Earthen retaining wall for Retention Pond 12. Retaining wall along North Edge 13. Stone Pitching 14. Informative Signage's & Lighting 15. Centages (@ 4%) <b>Work progress 85 %</b>
7	<b>Gandhisagar Lake, Nagpur</b>  Area : 18 ha Depth : 7 m	15.03.2010  24 Months ( Feb, 2012)	178.51 GoM Share : 124.96 Local Body Share: 53.55	GoM : 75.00 Local Body : 32.35	7.61	1. Total station survey of lake and it's surrounding. 2. Visarjan Tank 3. Toilet Block & Septic Tank. 4. Tool Room 5. Cleaning, Dredging & Desilting of the ramp (at western edge). 6. Bio remediation.

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						7. Floating Island. 8. Percolation wells. 9. Nirmalaya Collection bin. 10. Vermi-Compost Pits, 11. Indigenous Tree Plantation along the promenade within catchment area. 12. Sand Gravel Filter 13. Edge Wall With Plantation Bed ( North Side) 14. Edge Wall With Plantation Bed ( South Side) 15. Informative Signages 16. Centages (@ 4%)  <b>Work progress 5 %</b>
<b>Year 2010-11</b>						
8	<b>Peer Lake, Nandurbar</b>  Area : 11.14 ha Depth : 3.5 mt	13.10.2010  24 Months ( Sep, 2012)	410.62  GoM Share : 328.50 Local Body Share: 82.12	GoM : 125.00 (15.1.2011) + 125.00 (13.12.2011) = 250.00 Local Body : 25.00	156.07	1. Retaining wall (43.59 %) 2. De-silting (82.49 %) 3. Silt trap 4. Shaping/Strengthening of bund (including stone pitching / revetment. 5. Vegetative fencing, island development, Fountain, Plantation. 6. Centages (@ 8%)
9	<b>Moti Lake, Sawantwadi</b>  Area : 11.54 ha Depth : 4.5 mt	14.03.2011  24 Months (Feb, 2013)	296.04  GoM Share : 266.44 Local Body Share: 29.60	GoM : 125.00 Local Body : --	12.70	1. Cost towards Lake cleaning & treatment 2. Cost towards preventing pollution of Lake water 3. Cost towards Aeration system (jet type fountains) 4. Cost towards infrastructure development 5. Lake's compound wall

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						<ul style="list-style-type: none"> <li>6. Providing tiles on existing compound along the Periphery of the lake</li> <li>7. Developing area near existing Boat Club</li> <li>8. Providing &amp; Constructing of retaining wall along the compound wall from Court entrance</li> <li>9. Providing &amp; Constructing of retaining wall on eastern side-</li> <li>10. Providing repairs &amp; rectification to he existing deteriorated cement concrete compound of Moti lake</li> <li>11. Providing an arrangement for immersion of Lord Ganesh Idols</li> <li>12. Cost of Beautification</li> <li>13. Cost towards public participation &amp; awareness campaigns</li> <li>14. Cost towards water quality monitoring programme</li> <li>15. Centages @ 8% of total cost</li> </ul>
10	<b>Ganesh Lake, Miraj (Sangali)</b>  Area : 1.39 ha Depth : 8-9 m	14.03.2011  24 Months (Feb,2013)	96.90  GoM Share : 67.83 Local Body Share: 29.07	GoM : 50.00 Local Body : 15.00	14.99	<ul style="list-style-type: none"> <li>1. De-Silting (100%)</li> <li>2. Storm water management (35%)</li> <li>3. Afforestation</li> <li>4. Silt trap (35%)</li> <li>5. Check dams/ culvert wall</li> <li>6. Retaining wall construction/ repair (30%)</li> <li>7. Aerators</li> <li>8. Lighting</li> <li>9. Others- public toilet</li> <li>10. Water quality monitoring</li> </ul>
Year 2011-12						
11	<b>Lake at</b>	28.11.2011	139.22	GoM : 63.00	--	1. Strengthening of lake edges

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	<b>Aitawade Kurd, Taluka Walva, Dist Sangali</b>  Area : 0.58 ha Depth : 2.5 to 3 m	24 Months (Oct, 2013)	GoM Share : 125.30 Local Body Share: 13.92	Local Body : --		2. Compound wall for lake area 3. RCC gutter 4. Construction of pump house 5. Landscaping & tree plantation
12	<b>Kot Lake, Brhampuri</b>  Area : 6.91 ha Depth : 5 to 6 m	9 March 2012  24 months (April 2014)	447.21  GoM Share : 402.40 Local Body Share: 44.81	GoM : 200.00 (17 March 2012)  Local Body : --	--	1. Sewage Treatment by 'PHYTORID' technique 2. De-silting 3. Silt-trap 4. Retaining wall construction / repair 5. Shaping / strengthening of bund 6. Chain link fencing 7. Fountain 8. Others (garden , landscaping) 9. Public Awareness 10. Water quality monitoring
13	<b>Vimal Lake, Vasai</b>  Area : 20 ha Depth : 2.2 to 7 m	21 March 2012  24 months (April 2014)	707.00  GoM Share : 494.90 Local Body Share: 212.10	GoM : 167.00 (26 March 2012)  Local Body : --	--	1. De-silting & de-weeding 2. Construction of new ring bund along periphery 3. Sewerage collection system & sewage treatment plant (Phytorid technology plant) 4. Storm water collection system and silt traps 5. Overflow weir 6. Aeration system with wind mill 7. Chain link fencing along periphery 8. Idol- immersion tank



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						9. Construction of dhobi ghat 10. Landscaping 11. Public awareness and sensitization
Year 2012-13						
14	<b>Motiram Lake, Pen, Raigad</b>  Area : 8.6 ha Depth : 3 m	5 December 2012  24 months (January 2015)	247.15  GoM: 222.43 Local Body Share: 24.71	--	--	1. Dam wall Treatment (Repair, pitching, railing, seating, paving, plantaion) 2. Northern Spill Way (Channelisation, bridge) 3. Southern Spill Way (Repair work & bridge) 4. Ecological edge treatment for lake 5. Floating island 6. Toilet Block 7. CD works with silt traps 8. Desilting of the main feeder channel 9. Hyacinth Removal 10. Dust bins 11. Barbed wire fencing & gate 12. Contour trenching & bunding 13. Afforestation 14. Electrification & lighting 15. Informative signages 16. Seating and Centages (@8%)
15	<b>Kavandal Lake, Pen, Raigad</b>  Area : 3.4 ha Depth : 2.2 m	5 December 2012  24 months (January 2015)	235.67  GoM: 212.10 Local Body Share: 23.56	--	--	1. Spillway Chanellisation 2. Percolation Pit 3. Fencing (barbed wire) 4. Ecological edge treatment for lake 5. Floating islands 6. Fountain (water purification) 7. Toilet block 8. Dredging of the lake body 9. Hyacinth Removal 10. Nirmalya Kalash 11. Dust bins

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						12. Vermicompost 13. Afforestation (shady trees) 14. Solar lighting 15. Informative signages & lighting 16. Seating and Centages (@8%)
16	<b>Pandharbodi Lake, Nagpur</b>  Area : approx. 4 ha	2 January 2013  24 months (February 2015)	333.79  GoM: 233.65 Local Body Share: 100.13	--	--	1. Toilet Block & Septic Tank 2. Cleaning, Dredging & Desilting of lake 3. Storm Water Drain 4. Percolation Wells 5. Nirmalya Collection Bin 6. Vermi-compost Pits 7. Green Zone – Tree Plantation 8. Indigenous tree plantation along promenade and within the catchment area 9. Fencing 10. Contour bunding in Catchment Area 11. Bund wall 12. Retaining wall along south edge 13. Retention Pond 14. Redesigning existing overflow 15. Stone Pitching 16. Solar lighting 17. Informative signages & lighting