

Title/ Name of work undertaken	Ensuring water sustainability in water-stressed regions
Location	Dholpur, Sikar, Jhabua & Bundelkhand
Organisation/NGO/Persons responsible to undertake the work	<p>The Coca-Cola India Foundation, Anandana, has undertaken integrated watershed management initiatives in water-stressed regions where people were facing acute water scarcity due to depleting ground water. Beneficiary communities have been actively involved in the implementation of the projects. The details of the projects and implementation partners are summarized below.</p> <ul style="list-style-type: none"> • District Dholpur in Rajasthan: Partnership with the Lupin Human Welfare & Research Foundation and Rajputana Society for Natural History • District Sikar, Jaipur and Nagaur in Rajasthan: Partnership with Social Action for Rural Advancement (SARA). • District Jhabua in Madhya Pradesh: Partnership with N M Sadguru Water and Development Foundation • District Jhansi in Bundelkhand: Uttar Pradesh. Partnership with HARITIKA and ICRISAT <p>Coca-Cola India had set up a 'not for profit Company' under section 25 of the Companies Act, 1956 namely, Coca-Cola India Foundation ("CCIF/Anandana") way back in 2008. Anandana, is committed to sustainable development and inclusive growth by focusing on issues relating to water, environment, healthy living and social advance.</p>
Type of intervention	Community Development
Outcome	<p>District Dholpur in Rajasthan</p> <ul style="list-style-type: none"> • The construction of check dams besides helping in storing water has also helped in recharging the groundwater in the Dholpur area. Since the implementation of the project, the ground water level has improved by 8-10 feet in most of the open wells, benefitting 11,000 people across 5 villages. • The check dams have created a huge water reservoir - 6.5 km in length with a capacity to

replenish more than a billion litres (approx.) of water. This reservoir has helped farmers to irrigate the land enhancing the agricultural productivity and their household income.

- A lift irrigation scheme has been installed in the reservoir created. The water is lifted from the source (reservoir) to the main chambers, which is situated at the top most point in the command area so as to distribute this water to the fields of the beneficiary farmers. Through this, farmers are being able to irrigate more than 500 acres of land more conveniently.
- The project has also revitalized most of the open dug wells and bore holes nearby. With increased availability of water, the basic needs of water for irrigation, drinking, cooking and sanitation are met, leading to improvements in the lifestyle of the villagers and livestock of the area.

1. *Coordinates of first check dam are 26° 43' 11.45" N, 77° 36' 18.54" E.
(Year of completion: 2014)*
2. *Coordinates of the check dam are 26° 43' 31.1" N, 77° 36' 15.8" E.
(Year of completion: 2018)*

District Sikar, Jaipur and Nagaur in Rajasthan

- Construction of a three metre high reservoir in Balyawas village of Sikar district has improved the level of groundwater. One can see more water in more wells due to percolation from the reservoir. The water in the reservoir holds for 11 months (whereas earlier 50 percent of it ran off) and has had a direct effect on 100 open wells.
- Renovation of the three existing ponds in the villages Karad, Balyawas & Doongri Khurd as well as building of new ponds in Khora & Batliya has helped people living in these regions fulfill their needs for water including safe drinking water.

- The project enhanced groundwater availability and ensured better health among the community, hence reducing burden of additional expenses incurred on health ailments, subsequently increasing their savings.

(Year of completion: 2017)

1. *SITE LOCATION: Chhoti Doongri, Doongri Khurd Village, Doongri Khurd Gram Panchayat, Sambhar Lake Block, Jaipur District, Rajasthan
(Coordinates of the pond: 27° 09' 12.1" N, 75° 28' 58.7" E.)*
2. *SITE LOCATION: Balyawas Village, Karad Gram Panchayat, Dantaramgarh Block, Sikar District, Rajasthan
(Coordinates of the pond: 27° 09' 20.4" N, 75° 18' 37.1" E.)*
3. *SITE LOCATION: Karad Village, Karad Gram Panchayat, Dantaramgarh Block, Sikar District, Rajasthan
(Coordinates of the pond: 27° 08' 51.4" N, 75° 17' 03.8" E.)*
4. *SITE LOCATION: Rajpura Village, Dasroli Gram Panchayat, Dantaramgarh Block, Sikar District, Rajasthan
(Coordinates of the pond: 27° 08' 49.4" N, 75° 15' 13.2" E.)*
5. *SITE LOCATION: Mundgosai Village, Mundgosai Gram Panchayat, Nawa Block, Nagaur District, Rajasthan
(Coordinates of the pond: 27° 03' 30.2" N, 75° 12' 53.2" E.)*
6. *SITE LOCATION: Shimbhupura Village, Shimbhupura Gram Panchayat, Nawa Block, Nagaur District, Rajasthan
(Coordinates of the pond: 27° 06' 42.5" N, 75° 10' 41.7" E.)*

District Jhabua in Madhya Pradesh

- The construction 29 of check dams helped in harvesting the run-off water of various rivers,

rivulets, nallas, etc. and contributed in raising the adjacent ground water table.

- The new check dams facilitated optimum water conservation and helped in raising the vegetation cover and agricultural productivity.
- The structures have created a total water replenishment potential of more than 1.2 billion litres ensuring adequate availability of water to meet the expectations of the people and communities in the region.

(Year of completion: 2017)

1. *SITE LOCATION: Suken Nala, Sagwani Village, Thandla Block, Jhabua District, Madhya Pradesh (Coordinates of the check dam are: 230 04' 25.41" N, 740 24' 06.32" E.)*
2. *SITE LOCATION: Suken Nala, Deoka Village, Thandla Block, Jhabua District, Madhya Pradesh (Coordinates of the check dam are: 230 04' 16.42" N, 740 24' 00.16" E.)*
3. *SITE LOCATION: Suken Nala, Deoka Village-Govt 2, Thandla Block, Jhabua District, Madhya Pradesh (Coordinates of the check dam are: 230 04' 04.49" N, 740 23' 49.73" E.)*
4. *SITE LOCATION: Suken Nala, Bhimpura Village, Thandla Block, Jhabua District, Madhya Pradesh (Coordinates of the check dam are: 230 03' 52.15" N, 740 22' 59.74" E.)*
5. *SITE LOCATION: Suken Nala, Palasdor Village, Thandla Block, Jhabua District, Madhya Pradesh (Coordinates of the check dam are: 230 03' 40.94" N, 740 22' 56.85" E.)*
6. *SITE LOCATION: Suken Nala, Bhimpura and Deoka Village, Thandla Block, Jhabua District, Madhya Pradesh (Coordinates of the Check Dam: 230 03' 56.66" N, 740 23' 34.74" E.)*
7. *SITE LOCATION: Suken Nala, Bihar Village, Thandla Block, Jhabua District, Madhya Pradesh (Coordinates of the check dam are: 230 02' 13.10" N, 740 21' 45.91" E.)*

8. *SITE LOCATION: Suken Nala, Bihar Village, Thandla Block, Jhabua District, Madhya Pradesh
(Coordinates of the check dam are: 23° 02' 09.23" N, 74° 21' 37.93" E.)*
9. *SITE LOCATION: Suken Nala, Chhoti Bihar Village, Thandla Block, Jhabua District, Madhya Pradesh
(Coordinates of the check dam are: 23° 02' 05.53" N, 74° 21' 18.66" E.)*
10. *SITE LOCATION: Suken Nala, Gopalpura Village, Thandla Block, Jhabua District, Madhya Pradesh
(Coordinates of the check dam are: 23° 01' 56.90" N, 74° 20' 59.04" E.)*
11. *SITE LOCATION: Suken Nala, Balwasa Village, Thandla Block, Jhabua District, Madhya Pradesh
(Coordinates of the check dam are: 23° 02' 03.43" N, 74° 20' 35.52" E.)*
12. *SITE LOCATION: Suken Nala, Goriya Khandan Village, Thandla Block, Jhabua District, Madhya Pradesh
(Coordinates of the check dam are: 23° 03' 44.70" N, 74° 23' 59.31" E.)*
13. *SITE LOCATION: Jher Nala, Goriya Khandan Village, Thandla Block, Jhabua District, Madhya Pradesh
(Coordinates of the check dam are: 23° 04' 33.80" N, 74° 25' 12.75" E.)*
14. *SITE LOCATION: Suken Nala, Goriya Khandan Village (Road side), Thandla Block, Jhabua District, Madhya Pradesh
(Coordinates of the check dam are: 23° 03' 48.56" N, 74° 24' 24.45" E.)*
15. *SITE LOCATION: Suken Nala, Goriya Khandan Village (Aamli Falia), Thandla Block, Jhabua District, Madhya Pradesh
(Coordinates of the check dam are: 23° 04' 26.08" N, 74° 24' 14.54" E.)*
16. *SITE LOCATION: Suken Nala, Thetham Village (Valri Falia), Thandla Block, Jhabua District, Madhya Pradesh
(Coordinates of the check dam are: 23° 05' 56.44" N, 74° 23' 29.12" E.)*
17. *SITE LOCATION: Suken Nala, Thetham Village, Thandla Block, Jhabua District, Madhya Pradesh
(Coordinates of the check dam are: 23° 05' 46.09" N, 74° 23' 27.82" E.)*

18. *SITE LOCATION: Suken Nala, Bihar Village (Chareli Falia), Thandla Block, Jhabua District, Madhya Pradesh*
(Coordinates of the check dam are: 23° 02' 10.54" N, 74° 21' 05.49" E.)

19. *SITE LOCATION: Pat (Goyli) Nala, Palasdor and Chokhwara Village, Thandla Block, Jhabua District, Madhya Pradesh*
(Coordinates of the check dam are: 23° 01' 06.87" N, 74° 22' 16.31" E.)

20. *SITE LOCATION: Suken Nala, Bhimpura Village, Thandla Block, Jhabua District, Madhya Pradesh*
(Coordinates of the check dam are: 23° 03' 39.31" N, 74° 23' 13.67" E.)

21. *SITE LOCATION: Suken Nala, Bhimpura Village, Thandla Block, Jhabua District, Madhya Pradesh*
(Coordinates of the check dam are: 23° 03' 46.49" N, 74° 23' 29.82" E.)

22. *SITE LOCATION: Suken Nala, Bhimpuri and Bhimpura Village, Thandla Block, Jhabua District, Madhya Pradesh*
(Coordinates of the check dam are: 23° 03' 41.61" N, 74° 23' 49.17" E.)

23. *SITE LOCATION: Pat (Goyli) Nala, Palasdor Village, Thandla Block, Jhabua District, Madhya Pradesh*
(Coordinates of the check dam are: 23° 01' 13.42" N, 74° 21' 54.62" E.)

24. *SITE LOCATION: Pat (Goyli) Nala, Palasdor Village, Thandla Block, Jhabua District, Madhya Pradesh*
(Coordinates of the check dam are: 23° 01' 23.86" N, 74° 21' 45.50" E.)

25. *SITE LOCATION: Pat (Goyli) Nala, Charel Village, Meghnagar Block, Jhabua District, Madhya Pradesh*
(Coordinates of the check dam are: 23° 01' 25.24" N, 74° 21' 35.11" E.)

26. *SITE LOCATION: Pat (Goyli) Nala, Charel Village, Meghnagar Block, Jhabua District, Madhya Pradesh*
(Coordinates of the check dam are: 23° 01' 20.24" N, 74° 21' 04.38" E.)

District Jhansi in Bundelkhand, Uttar Pradesh

- Local community in the water scarce Parasai-Sindh region of Jhansi, #Uttar Pradesh increased

groundwater level by 2-5 meters & made 100 acres of land cultivable by constructing check dams, farm ponds and renovating existing structures in 8 locations

- Construction of 6 check dams and 15 farm ponds structures saved over 100 million litres of runoff, on average, every year, raising the groundwater table.
- Nearly 100 ha of fallow land in upland areas were also brought under cultivation with enhanced groundwater availability.

Through all these initiatives Coca-Cola India Foundation have impacted lives of more than 500,000 people. CCIF have completed construction of more than 200 water harvesting structures across the country and created a total replenishment potential of more than 13 billion litres of water annually.

Photographs





Integrated Watershed Development Project in Dholpur district, Rajasthan in partnership with Lupin Human Welfare & Research Foundation



Integrated Watershed Development in Bundelkhand, Uttar Pradesh in partnership with International Crops Research Institute (ICRISAT) for the Semi-Arid Tropics



Integrated Watershed Development in Sikar district, Rajasthan in partnership with Social Action for Rural Advancement (SARA) Foundation



Integrated Watershed Development in Jhabua district, Madhya Pradesh in partnership with N M Sadguru Water and Development Foundation