

MINE WATER UTILIZATION

1. SCHEME FOR MULTIPURPOSE UTILISATION OF ABANDONED MINE WATER FROM BARORA, BLOCK-II & GOVINDPUR AREAS OF BCCL

For gainful use of abandoned water being discharged from the mines, a scheme is already under execution at a cost of Rs 11.72 cr. by laying out a pipeline network of approximately 45 kms.

With the help of this scheme, approximately 47 million gallon (MG) surplus mine water presently being discharged into natural water courses from Barora, Block-II & Govindpur Areas of BCCL will be stored in two reservoirs respectively of storage capacities 16MG & 31MG and area 4.0ha & 4.5ha approx. situated at Behrakudar & Khonathi villages of Bagmara Block of Dhanbad District.

Under this scheme of BCCL, the villagers residing nearby and having their cultivation fields in a reasonable proximity will be benefited in carrying out their agricultural works in all seasons which at present is totally dependent on rain water in monsoon.

This provision will certainly enhance the Socio- Economic status of the area and will also result into more opportunities in secondary & tertiary fields of employment.

This water can be used for drinking purpose also after required treatment. In these reservoirs, Pisciculture can also be done with help of self help groups for their livelihood.

2. SCHEME FOR DOMESTIC/ COMMUNITY USES OF SURPLUS MINE WATER OF W.J AREA

In order to arrest the mine water discharge flowing into natural water courses in respect of all Areas of BCCL, it has been decided to divert and channelize the flows into the existing ponds in nearby villages.

Under this scheme approximately 2.16 Mgd surplus mine water of W.J Area flowing into natural drainage courses has already been arrested and diverted into following ponds in the peripheral villages through pipelines which remains over flooded even during peak summer.

The villagers residing nearby in a reasonable proximity will be benefited in carrying out their agricultural works in all seasons which at present is totally dependent on rain water in monsoon.

This provision will certainly enhance the Socio- Economic status of the area through enhancement of self employment scope utilising this water.

1. Kukurduba Pond of Chhatrutand Village
2. Suryabandh Pond of Mojuda Vilage
3. Prem nagar Pond of Kumardih Village
4. Turitolla Pond of Kumardih village
5. Balakhunda Pond of Bhatdih Village
6. Hazari Tolla Pond of Bhatdih Village
7. Kandra Pond (North) of Kandra Village
8. Kandra Pond (South) of Kandra Village
9. Pond at Bhurungiya Village
10. Pond at Turgha Village

Further such schemes in respect of other areas of BCCL are under active consideration so that there is no. discharge in natural water course.

Solar Light in peripheral villages

For creation of social community wealth under the CSR Scheme, BCCL since last two years is engaged in installing Solar Street Lights in peripheral villages under its command area to promote the use of alternative and renewable energy sources. BCCL has already installed 300 Solar street lights during 2010-11 & 2011-12. These have benefitted people living in following **locations of peripheral** villages in remote and mostly tribal areas. To take the process forward, 200 more solar street lights will be installed in the year 2012-13 in such other villages. The programme has been initiated to illuminate areas of common use with a high footfall such as meeting places and village resource centres.

(In the year 2010-11)

Sl. No.	Location	Nos. of Solar Street lights
1	Godhur	15
2	Basseriya	15
3	Nichitpur	10
4	Khonathi	10
5	Ghorathi	10
6	Loyabad	15
7	Beniahir 2 No., Kushtha Patti	8
8	Pirkubandh	5
9	Pirkubandh (Mundapatti)	5
10	Phusbangla (Kangalpatti)	5
11	Phusbangla (Mundapatti)	5
12	Bhaga 5 No. (Haripatti)	5
13	Bhaga 5 No. (Turiapatti)	5
14	Kustore	8
15	Khaira	8
16	Kusunda	5
17	Balihari	10
18	Singra (Near School)	2
19	Sanwardih	10
20	Devgram	10
21	Lohapatty More	4
	TOTAL	170

(In the year 2011-12)

Sl. No.	Location	Nos. of Solar Street lights
1	Partand Harijan Tola	1
2	ChitahiBasti	3
3	Mandra Basti	3
4	Dumra Basti	3
5	Phularitand	1
6	Sijua Pahari Basti	1
7	Karmatand Basti	1
8	Padugeria Basti	1
9	Ghutway Harijan Tola	1
10	Ghutway Gope Tola	1
11	Maheshpur Basti	3
12	Sinidih Basti	3
13	Bhejandia Basti	3
14	Chetali Basti	3
15	Rajmani Tola	3
16	Raju Tola	3
17	Keshalpur Visthapit Basti	2
18	Nagrikala	1
19	Near Hospital Nagri	1
20	BhadriChak	2
21	Patahpur	2
22	Lokarka Village	2
23	Bhutgaria Basti	1
24	Sirgija Basti	1
25	Hurladih Basti	1
26	Kapugada Basti	1
27	Burragarh Basti	1
28	Simlabahl Basti	1
29	Lahbera Huchutand Basti	5
30	Rewani Basti	5
31	Godhur Mahto Basti	5
32	Hazra Basti	5
33	Paramanik Basti Karikabad	5
34	Coal Dump Basti	2
35	Pathak Basti	5
36	Bera Amtal Harijan Tola	1
37	Bera Amtal Vivekanand Club	1
38	Bera Amtal NeelKothi-Bera Amtal-Primary School Kerakand	1
39	Bera Amtal Mukherjee Tola	1
40	Bera Amtal Pejanía	1
41	Bera Amtal Near Durga Mandir	1
42	Kuya Harijan Tola	1
43	Kuya Person Tola	1
44	Kuya Basti	1
45	Kuya Bhagrampur Near Hari Mandir	1
46	CVhand Kuya Ghatwar Tola	1
47	Kula Golmara Near Hari Mandir	1
48	Bastacolla Majee Basti	1
49	Dobari Bera Sahana Para	1
50	Jahajtanr Basti	2
51	Majhi Basti	1
52	Parsabad Basti	1
53	Karmatand Basti	1

54	Mohalbani Basti	1
55	Iedgah Basti	1
56	Parghabad Basti	1
57	Sawardih Basti	1
58	Sudamdih Basti	1
59	Jharkhand----Patlabari	2
60	Rakha Para	1
61	Ladaharia	2
62	Palasia	3
63	Jamdahi	2
64	Benagoria	2
65	Dahibari Village	1
66	Junkundar	1
67	Jograd	2
68	Dhankora	1
69	West Bengal---- Borira	1
70	Lalbazar	3
71	Debipur	2
72	Kola Kusma Basti	1
	Total	130