

**OFFICE OF THE EXECUTIVE ENGINEER MASONRY DAM DIVISION NO.3**

**DEOLOND DISTT.SHAHDOL (M.P.)**

( Telephone No. 268521 E- Mail – eemddndeo@gmail.com)

Memo No. 1430 /Tac. / Bansagar Date 08 / 04 / 2022  
To,

The APPCCF  
Forest Department  
Government of Madhya Pradesh  
Vallabh Bhavan Bhopal (M.P.)

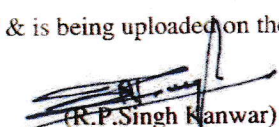
Subject:- Diversion of 1.4002 Ha. Reserved Forest Land for construction of Bahuti Canal Scheme in favour of Executive Engineer Bansagar Masonry Dam Division No.- 3 Deolond, Distt.- Shahdol (M.P.)

Refe:- MOEF Regional office Bhopal Letter File No. – 6 MPB 005/2022/ Bhopal ,  
Date 07-04-2022

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With reference to the letter of MOEF Regional office Bhopal Certain queries were Raised the compliance is as follows :-

- 1- The Alignment of Bahuti canal in KML file is being uploaded on the portal Part - 1 points C of the proposal .
- 2- Since the Reach of Bahuti Canal where forest is affected is from R.D. 16.165 Km. to 16.437 Km. R.D is in filling Reach so much won't be generated the detailed calculation sheet is attached & is being uploaded on portal .
- 3- Since the Canal is passing through an Area where one side is a Hilly terrain area and the other side is ultra tech Cement Factory Baghwar Sidhi & the Contour of the Canal doesn't allow the canal Alignment to pass through the hill so it is the only Available Alignment through which canal can pass . Hence no, alternative Alignment Exist on the Field .
- 4- [ The KML File of the Forest land has been corrected & is being uploaded on the Portal .
- 5-

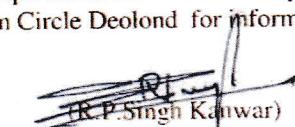
  
(R.P.Singh Kanwar)  
Executive Engineer  
Masonry Dam Division No.3  
P.O.Bansagar, Distt.Shahdol (M.P.)

Endt. No. 1431 /Tac. / Bansagar

Date 08 / 04 / 2022

Copy to :-

- 1- Chief Engineer Ganga basin Water Resources Dept. Rewa for information please.
- 2- Superintending Engineer Bansagar Masonry Dam Circle Deolond for information please.

  
(R.P.Singh Kanwar)  
Executive Engineer  
Masonry Dam Division No.3  
P.O.Bansagar, Distt.Shahdol (M.P.)

| AS on 1-SECTION |         |         |         |         |         |         |  |  |  |
|-----------------|---------|---------|---------|---------|---------|---------|--|--|--|
| R/D             | GL      | CBL     | FSL     | TBL     | CUTTING | FILLING |  |  |  |
| 16230           | 329.500 | 330.413 | 333.913 | 334.813 | -0.913  | 5.313   |  |  |  |
| 16260           | 328.500 | 330.410 | 333.910 | 334.810 | -1.910  | 6.310   |  |  |  |
| 16290           | 327.000 | 330.407 | 333.907 | 334.807 | -3.407  | 7.807   |  |  |  |
| 16320           | 326.500 | 330.404 | 333.904 | 334.804 | -3.904  | 8.304   |  |  |  |
| 16350           | 327.500 | 330.401 | 333.901 | 334.801 | -2.901  | 7.301   |  |  |  |
| 16380           | 328.000 | 330.398 | 333.898 | 334.798 | -2.398  | 6.798   |  |  |  |
| 16410           | 329.000 | 330.395 | 333.895 | 334.795 | -1.395  | 5.795   |  |  |  |
| 16440           | 329.500 | 330.392 | 333.892 | 334.792 | -0.892  | 5.292   |  |  |  |
| 16470           | 330.300 | 330.389 | 333.889 | 334.789 | -0.089  | 4.489   |  |  |  |

FOREST REACH MUCK CALCULATION SHEET

| S.No | Chainage | Length | CL      | CBL     | FSL     | TBL     | Depth of cutting | Height of filling | Bed Width | Bank width |       | Slope | Outer | Bed filling Height | Bottom width | BED FILLING |             |                  | QTY       | L/S banking |           |              | QTY    | R/S banking |        |           |              |           |          |           |  |
|------|----------|--------|---------|---------|---------|---------|------------------|-------------------|-----------|------------|-------|-------|-------|--------------------|--------------|-------------|-------------|------------------|-----------|-------------|-----------|--------------|--------|-------------|--------|-----------|--------------|-----------|----------|-----------|--|
|      |          |        |         |         |         |         |                  |                   |           | Left       | Right |       |       |                    |              | Inner       | Bed filling | top width@ C.B.L |           | area        | mean area | Bottom width |        | top width   | area   | mean area | Bottom width | top width | area     | mean area |  |
| 1    |          |        |         |         |         |         |                  |                   |           |            |       |       |       |                    |              |             |             |                  |           |             |           |              |        |             |        |           |              |           |          |           |  |
| 2    | 16200    | 0      | 329.500 | 330.413 | 333.913 | 334.813 | 0.000            | 5.313             | 8.500     | 4.5        | 5     | 1.500 | 2.000 | 0.913              | 52.452       | 48.8        | 46.222      | 0.000            | 0.000     | 19.900      | 4.500     | 97.460       | 0.000  | 0.000       | 20.400 | 5.000     | 100.760      | 50.380    | 0.000    |           |  |
| 3    | 16230    | 30     | 328.500 | 330.410 | 333.910 | 334.810 | 0.000            | 6.310             | 8.500     | 4.5        | 5     | 1.500 | 2.000 | 1.910              | 56.44        | 48.8        | 100.504     | 73.363           | 2200.886  | 19.900      | 4.500     | 97.460       | 97.460 | 2923.800    | 20.400 | 5.000     | 100.760      | 100.760   | 3022.800 |           |  |
| 4    | 16260    | 30     | 327.000 | 330.407 | 333.907 | 334.807 | 0.000            | 7.807             | 8.500     | 4.5        | 5     | 1.500 | 2.000 | 3.407              | 62.428       | 48.8        | 189.477     | 144.991          | 4349.716  | 19.900      | 4.500     | 97.460       | 97.460 | 2923.800    | 20.400 | 5.000     | 100.760      | 100.760   | 3022.800 |           |  |
| 5    | 16290    | 30     | 326.500 | 330.404 | 333.904 | 334.804 | 0.000            | 8.304             | 8.500     | 4.5        | 5     | 1.500 | 2.000 | 3.904              | 64.416       | 48.8        | 220.998     | 205.237          | 6157.118  | 19.900      | 4.500     | 97.460       | 97.460 | 2923.800    | 20.400 | 5.000     | 100.760      | 100.760   | 3022.800 |           |  |
| 6    | 16320    | 30     | 327.500 | 330.401 | 333.901 | 334.801 | 0.000            | 7.301             | 8.500     | 4.5        | 5     | 1.500 | 2.000 | 2.901              | 60.404       | 48.8        | 158.400     | 189.699          | 5690.971  | 19.900      | 4.500     | 97.460       | 97.460 | 2923.800    | 20.400 | 5.000     | 100.760      | 100.760   | 3022.800 |           |  |
| 7    | 16350    | 30     | 328.000 | 330.398 | 333.898 | 334.798 | 0.000            | 6.798             | 8.500     | 4.5        | 5     | 1.500 | 2.000 | 2.398              | 58.392       | 48.8        | 128.523     | 143.462          | 4303.854  | 19.900      | 4.500     | 97.460       | 97.460 | 2923.800    | 20.400 | 5.000     | 100.760      | 100.760   | 3022.800 |           |  |
| 8    | 16380    | 30     | 329.000 | 330.395 | 333.895 | 334.795 | 0.000            | 5.795             | 8.500     | 4.5        | 5     | 1.500 | 2.000 | 1.395              | 54.38        | 48.8        | 71.968      | 100.246          | 3007.369  | 19.900      | 4.500     | 97.460       | 97.460 | 2923.800    | 20.400 | 5.000     | 100.760      | 100.760   | 3022.800 |           |  |
| 9    | 16410    | 30     | 329.500 | 330.392 | 333.892 | 334.792 | 0.000            | 5.292             | 8.500     | 4.5        | 5     | 1.500 | 2.000 | 0.892              | 52.368       | 48.8        | 58.544      | 58.544           | 1756.335  | 19.900      | 4.500     | 97.460       | 97.460 | 2923.800    | 20.400 | 5.000     | 100.760      | 100.760   | 3022.800 |           |  |
| 10   | 16440    | 30     | 330.300 | 330.389 | 333.889 | 334.789 | 0.000            | 4.489             | 8.500     | 4.5        | 5     | 1.500 | 2.000 | 0.089              | 49.156       | 48.8        | 43.59       | 24.740           | 742.200   | 19.900      | 4.500     | 97.460       | 97.460 | 2923.800    | 20.400 | 5.000     | 100.760      | 100.760   | 3022.800 |           |  |
|      |          | 240    |         |         |         |         |                  |                   |           |            |       |       |       |                    |              |             |             |                  | 28208.448 |             |           |              |        |             |        |           |              |           |          | 24182.400 |  |
|      |          |        |         |         |         |         |                  |                   |           |            |       |       |       |                    |              |             |             |                  | 23390.400 |             |           |              |        |             |        |           |              |           |          |           |  |

REACH FROM 16.165 TO 16.437 75781 CUBIC METER FILLING EXISTS & NO CUTTING NO MUCK WILL BE GENERATED

16200-16440

Sub Division Officer  
Bansagar Masonary Dam Sub Div. 04  
Deelond Shahdol