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ENVIRONMENTAL IMPACT OF PHATAKWADI DAM IN KOLHAPUR DISTRICT

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A) Personal Information

1. Name :
2. Address :
3. Religion : i) Hindu ii) Muslim iii) Jain
 iv) Bouddha v) Other
4. Social Group : i) Open ii) SC iii) ST
 iv) OBC v) Minority
5. Age : i) 0 to 20 ii) 20 to 40 iii) 40 to 60
 iv) Above 60
6. Education : i) Illiterate ii) Primary iii) Secondary
 iv) Graduation v) Post-graduation
7. Types of Family : i) Joint ii) Divided
8. How many acres farm land do you have?
 i) 0 to 2 acres ii) 2 to 4 acres iii) 4 to 6 acres iv) Above 6 acres

B) Positive Impact

1. Which crops do you take in your farm?
 - i) Sugarcane
 - ii) Rice
 - iii) Groundnut
 - iv) Sunflower
 - v) Potato
 - vi) Sweet Potato
 - vii) Wheat
 - viii) Nachani
 - ix) Other
2. Are you using water of Phatakwadi Dam?
 - i) Yes
 - ii) No
3. Is there any other water source to your farm?
 - i) Well
 - ii) Borewell
 - iii) Canal
 - iv) Other
4. Which equipment is used for water supply?
 - i) Electric pump
 - ii) Diesel Engine
 - iii) Other
5. How much area of your farm is under irrigation?
 - i) 0 to 2 acres
 - ii) 2 to 4 acres
 - iii) 4 to 6 acres
 - iv) Above 6 acres
6. Do you find increase in crops production due to Phatakwadi Dam?
If Yes, how much?
 - i) Yes
 - ii) No
 - iii) How much
7. Is water supply of dam suffer for you?
 - i) Yes
 - ii) No
8. Has electric supply been increased due to Phatakwadi Dam?
 - i) Yes
 - ii) No
9. Is your economic status improved due to Phatakwadi Dam?
 - i) Yes
 - ii) No

10. Do you think that dam has caused economical problems in your area?

- i) Yes ii) No

11. Have you expanded the area under cultivation of your farm?

- i) Yes ii) No iii) How much

12. Is there development of agro-based industry in dam area?

- i) Yes ii) No

13. Did it create employment opportunities?

- i) Yes ii) No

14. Is there any progress in the living standards of people?

- i) Yes ii) No

15. What are the other benefits of the dam?

C) Negative Impact

1. Is there excessive use of dam water?

- i) Yes ii) No

2. Has excessive water caused the problems of water logging?

- i) Yes ii) No

3. Has excessive water caused salinity in your land?

- i) Yes ii) No

4. Whether fertility of the land is decreasing due to the excessive water use?

- i) Yes ii) No

5. Whether the water of well, river, borewell dam etc. is polluted?

- i) Yes ii) No

6. Is there increase in crop production decreased?

- i) Yes ii) No

7. Whether deforestation is being done for the extension of farm land?
i) Yes ii) No
8. Are wild animals causing harm to the crops?
i) Yes ii) No
9. Have they caused any damage to humanities?
i) Yes ii) No
10. Whether underground water level is increased?
i) Yes ii) No
11. Due to polluted water the water borne disease are increased?
i) Yes ii) No
12. Has dam created the danger of flood?
i) Yes ii) No
13. Do you use modern irrigation technology?
i) Yes ii) No
14. Do you think the construction of dam damaged the natural resources in this area?
i) Yes ii) No

Name and Signature

