APPENDIX 1

SOCIO ECONOMIC SURVEY

LOCATION: Paleshwaram Check Dam, Thiruvallure District, Chennai, Tamil Nadu

1. Identification data:
   1.1) Name of the farmer and address
   1.2) Age
   1.3) Educational level:
   1.4) Occupation of the respondent:

2. Land Information
   2.1) Area of the land (in hec /acres):
   2.2) Men/Women:
   2.3) Current cropping pattern: Type:

3. What do you think about construction of check dam at this location?
   ● Useful
   ● Not useful
4. What is the reason for using the check dam water?
   - Drinking
   - Irrigation
   - Recreation (swimming)
   - Fishing
   - Cattle

7. Is there any change in cropping pattern after construction of check dam? (Yes/No)
   - If yes, then how?
   - If no, then why?

8. How much area is cultivated before and after construction of check dam?
   - Before (in hec/acre)
   - After (in hec/acre)

9. Is there any difference in yield before and after construction of check dam? (Yes/No)
   - If yes, how much yield before construction
   - If yes, How much yield after construction

10. Is there any change in pumping pattern before and after construction of check dam? (Yes/No)
    - Pipe running full
    - Hours of pumping increased
11. Is there any new bore wells due to the construction of check dam?
   - One
   - Two
   - Three

12. Is there any change in well depth before and after construction?

13. Is there any change in the water quality before and after construction of check dam? (Yes/No)
   - Good
   - Moderately good
   - Poor

14. Have you faced any health problem by using the check dam water? (Yes/No)
   - If yes. Then what?

15. Is there any increase in land values after construction of check dam? (Yes/No)

16. Is there any increase in cattle before and after construction? (Yes/No)
   16.1 If yes., then what was the increase?

17. Is the water in the check dam is contaminated? (Yes/No)
   17.1 If yes, then how?
18. Is there any change in annual income before and after construction? (Yes/No)
   18.1 If yes, then how?
   18.2 If no why?

19. Is there any change in socio economic status before and after construction of the check dam?

20. Have any economic activities come up in the villages as a result of check dams? (Yes/No)
   20.1 If yes, then what is the activity?

21. What improvement would you suggest?