Supplement 1 – Data collection sheets for the survey of animal welfare and work equipment indicators and questionnaires to the respective cart-driver

| Animal-o | cart ID | | | | | | |
|-----------------------------------|----------------------|--|----------------|---|------------------------------|--|--|
| | | | Animal-(| Cart Unit Record | | | |
| Town | Bisho | hamene | _ | | | Date: | _/_/_ |
| | | | Anim | al Signalment | | | |
| Species: | Donk | ey Horse | Mule | Gender: Fen | nale | Male Entire | Male Castrated |
| Age: | years | Height: | cm | Breed: | | | |
| | | | | Work | | | |
| Work Type: | % Tax | i (people) nsport goods | ; | Work perda week: | ys pla i | erage nned breaks ing work: | breaks |
| | _ | nsport water | | Work per day: ——— ho | dur | | minutes |
| | | | Welfare I | Parameter Scores | | | |
| General Attitude: | Non | tive -reactive ative | | L - Very thin 2 - Thin 3 - Ideal 4 - Fat 5 - Very fat | Gait: | Severel | itely lame y lame ight-bearing |
| Response to Spinal Contact: | Wea | reaction ak reaction ng reaction | Score: | t Hind O O (normal) I O 1 (1 abnormal) O 2 (both abnormal) | Hoof Score: | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | I O (normal) I (1 abnormal) O (both abnormal) |
| Shoes: | x1 x2 x3 x4 | No Shoes | Type: | Metal Rubber Other: | Harness Remove Assessn | ed for | BCS Gait Spinal Contact Wounds |
| | | | | Vounds | | | Photos |
| Size: 1 = s | | | | superficial/healed; 2 = skii t | and subcu | | |
| | | ness-Related | | l | | Other Wo | |
| Bit | Number | Size (1-3) | Severity (1-3) | Encouragement | Number | Size (1-3) | Severity (1-3) |
| Blinker | | | | Hobble | | | |
| Chest-band | | | | Traditional | | | |
| Girth | | | | Practices | | | |
| Saddle | | | | Limbs | | | |
| Tail | | | | Other | | | |

| Harness | |
|--|---|
| Transmission | Breeching Photo |
| Present Material Position Padding Material | Present Material |
| Breast Yes Fabric Pectoral Yes Fabric Collar No Nylon High No Nylon Leather Low Leather Width: Rope Yes Adjustable Thickness Rope Other: No Inadequate Other: | No Yes - True Nylon Leather Assembly Adequate Inadequate Other: |
| Present Material Present Material | Steering |
| Neck Strap No Nylon Photo No Nylon Leather Adjustable Rubber Yes Rope No Other: Traces Noterial Present Indicate National Nylon Photo No Nylon Leather Rubber Rope Not Free Other: | Bit |
| Present attach Moves Is the breast collar Swingle Yes Yes Yes positioned through the point of draught? | Reins Photo Yes Move Freely No Don't move freely |
| Weight Distribution | |
| Saddle | lle Padding |
| Present Material Shape Position Fit Pressure Points Padd Yes Wood Gullet Adequate Tight Narrow No Metal No Withers Loose Wide Other: Gullet Back | Iing Thickness Description Yes Adequate No Insufficient Excessive |
| Back Band Girth Belly Band Crupper Tugs | Do shafts pass through |
| None None None None None None None Selly Band Tug. | oper No – Too wide |
| Cart | Is the girth Is the harnes |
| Number Number of Wheel Wood Axle of animals: wheels: type: Pneumatic - good inflation Pneumatic - poor inflation | Yes Yes Yes No No No |
| Comments | |
| | |

Cart-Driver Questionnaire

| | Animal-Cart Unit Record |
|--|--|
| Bishoftu Town: Shashamene Loc Selale | cation: Date:/ |
| | Demographics |
| Gender: Male Age: | Education: Primary education Early secondary Late secondary Tertiary education |
| Occupa | ation Polating to Working Equids |
| Occupa | ation Relating to Working Equids |
| Ownership of Owner and Number assessed driver of equivariants Owner and Number of equivariants of equivariants Owner and Owner assessed driver only owner and Owner an | ıids as driver:years main occupation: ☐No |
| Given your current needs and financial responsibilities, would you say that you and your household are: | percentage of of driving 2 as a Driver: income derived occupation: 3 able from cart- driving? 5=strongly enjoy 5 |
| | Choice of Equipment |
| Are you responsible for the choice of cart and harness for your animal? | Yes If "No", who is? |
| Where have you obtained your harness equipment? | □ Purchased □ Home-made □ Inherited □ Partly purchased and home-made □ Donated □ Other: |
| If "Home-made" or "Partly purchased and home-made", please explain why: If "Purchased" or "Partly purchased", | Cost Design Availability Responsibility Tradition Other: |
| where was it purchased from? | |
| What is the near cost of your harness? | |
| What is the near cost of your cart? | |
| Which factors influence your decision when choosing this equipment? (select as many as apply) | □ Cost □ Ease of use □ Location □ Design □ Popularity □ Recommendation □ Materials □ Maker □ Availability □ Tradition □ Culture □ Other: |
| Which of these factors has the highest importance to you? (select only one) | Cost □ Ease of use □ Location □ Design □ Popularity □ Recommendation □ Materials □ Maker □ Availability □ Tradition □ Culture □ Other: |

| | Equipment Maintenan | ice | | | |
|--|---|-------------------|----------------------------------|-----------------|--|
| Does the work equipment you use receiv | e any routine mainten | nance? | Yes | □ No | ☐ Not sure |
| Are you responsible for the routine main | tenance of the equipn | nent? | Yes | No | If "No", who is? |
| With what frequency does the work equipment you use receive maintenance and how is the maintenance best described? | Cart Daily Weekly Monthly Yearly Other: | | Harness | | Inspecting Cleaning Brushing Oiling Other: |
| | | | | | |
| | Assembly and Hitchir | - (2000) V | | | |
| Are you responsible for assembling the harness and hitching your animal? | Yes No | | , who is? | | <u></u> |
| How have you learnt about harness assembly and hitching? | Intuition Observation | | er drivers ness make | 0.00 | Research Other: |
| Where do you go to for additional information about work equipment? | Other drivers Harness maker Research | Vete | nmunity erinary fessionals | | NGOs Other: |
| If possible, would you change anything about your current harness or cart? | Yes Not Not Sure | | ", what? | | |
| Do you believe your harness is currently | assembled correctly? | Yes | | lo | Not sure |
| Do you feel your current equipment is ef | ficient? | Yes | | lo | ☐ Not sure |
| Do you think about load distribution whe | en loading the cart? | Yes | | lo | Not sure |
| If "Yes", how do you aim to distribute the | e load? | | | | |
| | | • | | | |
| An | imal Equipment Intera | ection | | | |
| Do you remove the harness from the ani | mal during rest period | s at work | ? Yes | □ N | o Sometimes |
| Do you think the harness can influence th | ne animal's ability to v | vork? | ☐ Yes | □ N | o Not sure |
| Do you think the cart can influence the a | nimal's ability to work | ? | Yes | □ N | o Not sure |
| Do you feel your current equipment is co | mfortable for the anim | nal? | Yes | □ N | o Not sure |
| In the past year, how many times has you | ur animal been lame? | | | times | ☐ Not sure |
| In the past year, has your animal developed harness related wounds? | | Yes", w often? | Rar | ely casional | ☐ Often ly ☐ Very often |
| Do you take any measures to prevent the development of wounds? | Yes If " | 'Yes", wh | ich meası | ıres? | |
| | Comments | | | | |
| | Comments | | | | |