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[Appendix 2a] Participant Information Sheet –OneHealthWater Participatory Hazard Mapping Group Participants

14 Dec 2017

Study Title: OneHealthWater: Drinking-water under a “One Health” lens – quantifying microbial contamination pathways between livestock and drinking-water

Researchers: Dr. Jim Wright, University of Southampton (PI); Dr. Thumbi Mwangi, Kenya Medical Research Institute; Mr. Joseph Okotto-Okotto, Victoria Institute for Research on Environment and Development International; Prof. Huw Taylor, University of Brighton

Ethics Reference (KEMRI, Kenya): KEMRI/SERU/CGHR/091/3493

Ethics Number (University of Southampton, UK): 25247

Please read / listen to this information carefully before deciding to take part in this research. If you are happy to participate you will be asked to sign a consent form.

What is the research about?

The OneHealthWater project is investigating the health risks of water contamination from livestock. We wish to understand how far livestock and their faeces are responsible for contamination of water and causing disease, particularly diarrhoea, in people. In studying this issue, we wish to develop tools for making water safer to drink, particularly simple maps that can be used to record and then prevent water contamination from livestock, both in the home and around water sources. The study team is made up of the Kenya Medical Research Institute, VIRED International, a Kenyan non-profit organisation, and two UK universities (University of Southampton – the research sponsor, and University of Brighton) and all institutions will be involved in the data analysis. If you are happy for us to do so, we will also make an anonymous version of the data collected available to other researchers and for educational purposes here in Kenya.

The study is funded by the UK Department for International Development, and by the UK Medical Research Council, a government body that funds research collaborations between the UK and other countries. The study has been approved by the Scientific and Ethical Review Unit Committee of the Kenya Medical Research Institute (KEMRI) and by a University of Southampton ethics committee in the UK.

Am I required to participate in this study?

You can choose whether or not you wish to take part in the study: this is your choice.

Why have I been chosen?

You have been chosen because you live in one of the communities taking part in the PBASS study, led by the Kenya Medical Research Institute (KEMRI) and you are participating in the main livestock survey. We have picked people at random from different villages participating in the study. We have also chosen some people for this part of our study because they live in the villages where the study is taking place, but have a particular knowledge of water, sanitation or livestock management issues.



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What will happen to me if I take part?

If you agree to take part, we will invite you to attend a group meeting in a month's time at a convenient location, such as a nearby school or church meeting hall. The meeting should last from mid-morning to mid-afternoon, to give you time to travel to the meeting place and return home again before dark. There will be between eight and ten people at this group meeting. Researchers from VIRED International will then lead discussions about livestock, water sources, and contamination risks in your community. We will ask you to come along to the meeting for mid-morning, then start with a discussion of water contamination hazards in your community. Before the session starts, we will ask if you are happy for us to record discussions, and if (only if) everyone in the group is happy for us to record the discussions, we will make an audio recording of the discussions as well as taking notes. We will then do an exercise together where we look at photographs taken from the air of this community, finding shops, schools and other services on these photos. Finally, we will ask you to locate contamination hazards and water sources on these air photographs. We should be finished by mid-afternoon, and will provide lunch and refreshments for you during the day.

Are there any benefits in my taking part?

The OnehealthWater project will provide lunch and refreshments and meet your travel costs from the day. You will also have the opportunity to meet with other members of your community during the day. The presentations and resultant discussion of future scenarios for water and sanitation in Kenya could prove useful for you and your community in making the water sources that you use safer.

We will also provide a general overview of contamination hazards in our study sites, which we intend to feedback via a final meeting with community leaders. By developing such maps, we hope to provide a simple tool that people can use to make water sources safer from contamination by livestock in the future.

Are there any risks involved?

The risks will be minimal, other than the usual risks associated with travel around the Siaya area. As we will be working in groups, there is also a risk that comments that you make could be repeated by other later on, though we will ask that nobody does repeat comments later at the start of the meeting.

Will my participation be confidential?

Because we will be talking about livestock, contamination hazards, and water sources in groups, we cannot guarantee that your participation will be confidential – it is possible someone else in the group could talk about the group discussions later on. However, we will ask request that participants do not to speak to others about the group discussions afterwards. The study will also comply with both the privacy requirements of Article 31 of the Kenya Constitution and the 1998 UK Data Protection Act. We will not record any people's names when making notes about the meeting, so you will not be named in any reports. The recordings will be kept safely in a locked facility until they are transcribed word for word, then they will be destroyed. The transcribed notes of the group discussion will contain no information that would allow individual people to be linked to what they say.

What happens if I change my mind?

You can withdraw from the study at any time (including during the day of the meeting itself), without your legal rights being affected.



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What happens if something goes wrong?

If you have any concerns or complaints about how this research is conducted, in the first instance, you may contact either Dr. Mwangi in Kenya or Dr. Wright in the UK (see 'Where can I get more information?' below). If your concern or complaint is not resolved by contacting Drs Mwangi or Wright, please contact:

Head of Research Governance,
University of Southampton,
rgoinfo@soton.ac.uk
+44 (0) 2380 595058

If you would prefer to speak with someone directly in Kenya in order to raise your concerns you can contact:

The Secretary, KEMRI Scientific and Ethical Review Unit (tel. 0202722541 or 0722205901 or 0733400003); P.O Box 54840-00200, Nairobi-Kenya, E-mail: ERCAdmin@kemri.org

Where can I get more information?

You can contact the study team via the following routes:

Kenyan study co-ordinator: Dr. Thumbi Mwangi, Kenya Medical Research Institute.

UK co-ordinator and team leader: Dr. Jim Wright, Associate Professor, University of Southampton. Tel: +44-2380-594619. Email: j.a.wright@soton.ac.uk. Address: Geography and Environment, University of Southampton, Building 44, Highfield, Southampton SO17 1BJ, UK.



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[Appendix 2b] Consent Form (English version) – for study subjects taking part in the OneHealthWater participatory hazard mapping sub-study

Study Title: OneHealthWater: Drinking-water under a “One Health” lens – quantifying microbial contamination pathways between livestock and drinking-water

Researchers: Dr. Jim Wright, University of Southampton (PI); Dr. Thumbi Mwangi, Kenya Medical Research Institute; Mr. Joseph Okotto-Okotto, Victoria Institute for Research on Environment and Development International; Prof. Huw Taylor, University of Brighton

Ethics Reference (KEMRI, Kenya): KEMRI/SERU/CGHR/091/3493

Ethics Number (University of Southampton, UK): 25247

Please initial the box(es) if you agree with the statement(s):

I have read and understood the information sheet (14 Dec 2017, v1.5) and have had the opportunity to ask questions about the study.

☐

I agree to take part in this research project and agree for my data to be recorded and used for the purpose of this study.

☐

I agree to anonymous data about me being used for other not-for-profit research and education studies.

☐

I understand that my responses will be anonymised in reports of the research.

☐

I understand my participation is voluntary and I may withdraw at any time without my legal rights being affected.

☐

Data Protection

I understand that information collected about me during my participation in this study will be stored on a password protected computer and that this information will only be used for the purpose of this study, in compliance with the Article 31 of the Kenya Constitution and 1998 UK Data Protection Act.

Name of participant (print name).....

Signature of participant.....

Name of witness (print name).....

Signature of witness.....

Date.....

Name of OneHealthWater team member (print name).....

Signature of OneHealthWater team member.....



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[Appendix 2c] Consent Form (Dholuo version) – for study subjects taking part in the OneHealthWater participatory hazard mapping sub-study

Study Title: OneHealthWater: Drinking-water under a “One Health” lens – quantifying microbial contamination pathways between livestock and drinking-water

Researchers: Dr. Jim Wright, University of Southampton (PI); Dr. Thumbi Mwangi, Kenya Medical Research Institute; Mr. Joseph Okotto-Okotto, Victoria Institute for Research on Environment and Development International; Prof. Huw Taylor, University of Brighton

Ethics Reference (KEMRI, Kenya): KEMRI/SERU/CGHR/091/3493

Ethics Number (University of Southampton, UK): 25247

Kuom nguono mari,yie iKet rang'isi moro amora e boks kaponi iyie gi weche mondikigi:

Ase somo kendo awinjo weche manie oboke mamiya ng'eyo kuom nonroni (Tarik Piero Ariyo gi Ariyo (14), Dwe Mar Ochiko (Dec.), Higa Gana Ariyo gi Apar gi Abiriyo (2017, v 1.5) kendo ne ayudo thuolo mar penjo penjo koluore gi nonroni.

Ayie ni mondo abed achiel kuom joma itimonegi nonroni kendo ayie ni wechega mondo oket e gir mako wach kendo oket e andiko kendo ni mondo otigo mana e yor nonroni.

Ayie ni mondo wechena ma oket e yo maok nyal miyo ng'ato ong'e ni an ema awachogi, mondo otigo e yore mag nonro ma ok mag ohala kod tiegruok mag somo.

An kod winjo ni weche ma awacho ibiro keti e yo maok nyal miyo ng'ato ong'e ni an ema awachogi ka iketogi ei dwoko kata lipot mar nonroni.

An Kod winjo ni bedona achiel kuom jogo mani e nonroni en chiwruokna kenda awuon ma oenge achuna moro kendo anyalo wuok saa asaya ma ratiro mara moro amora mar chike ok okethi.

Data Protection

An kod winjo ni weche duto ma ogol kuoma ndalo duto ma a biro bedo ka an achiel kuom joma itimonegi nonroni ibiro kan ei komputa kama ng'ato ok nyal chopoe ma ok oyudo thuolo ma ochiwne kod wach ma opondo marito Knayo, kendo ni wechegi duto ibiro tiyo godo mana ei nonroni, kaluwore gi chik mar Kenya maduong' namba piero adek kod achiel kod chik ma orito nyirinyiri mag weche e piny mar Kingi Ma Oriwore.(UK).

Nying ng'a ma Itimone Nonro.....

Seyi mar ng'a ma Itimone Nonro.....

Nying' janeno.....

Seyi mar janeno.....

Tarik.....

Name of OneHealthWater team member (print name).....

Signature of OneHealthWater team member.....