Data Flows and Standard Forms for Entomological Surveillance in Nigeria

February 23, 2023

Standard Data Forms

NOEP Ento Survey Form 1 & 2

FLY COLLECTOR RECORDING FORM 1: Human Landing Catches

Region ..... District .....Village (H/S) .....
Catching site ..... Code .....
River (M/T) .....
Name of collector 1 .....Name of collector 2 .....
Date .....

Hours	No of flies collected	Remarks/Weather conditions
7am-8am		
8am-9am		
9am-10am		
10am-11am		
11am-12noon		
12noon-1pm		
1pm-2pm		
2pm-3pm		
3pm-4pm		
4pm-5pm		
5pm-6pm		
Total for the day		

ENTO SUMMARY FIELD DATA FORM 2

Region ..... District .....
Number of catching points .....
Number of Human baits .....

Month	Week	No of flies collected	Remarks

Breeding Site Assessment Forms used by NOEC/Dr. Adeleke and team in June 2022

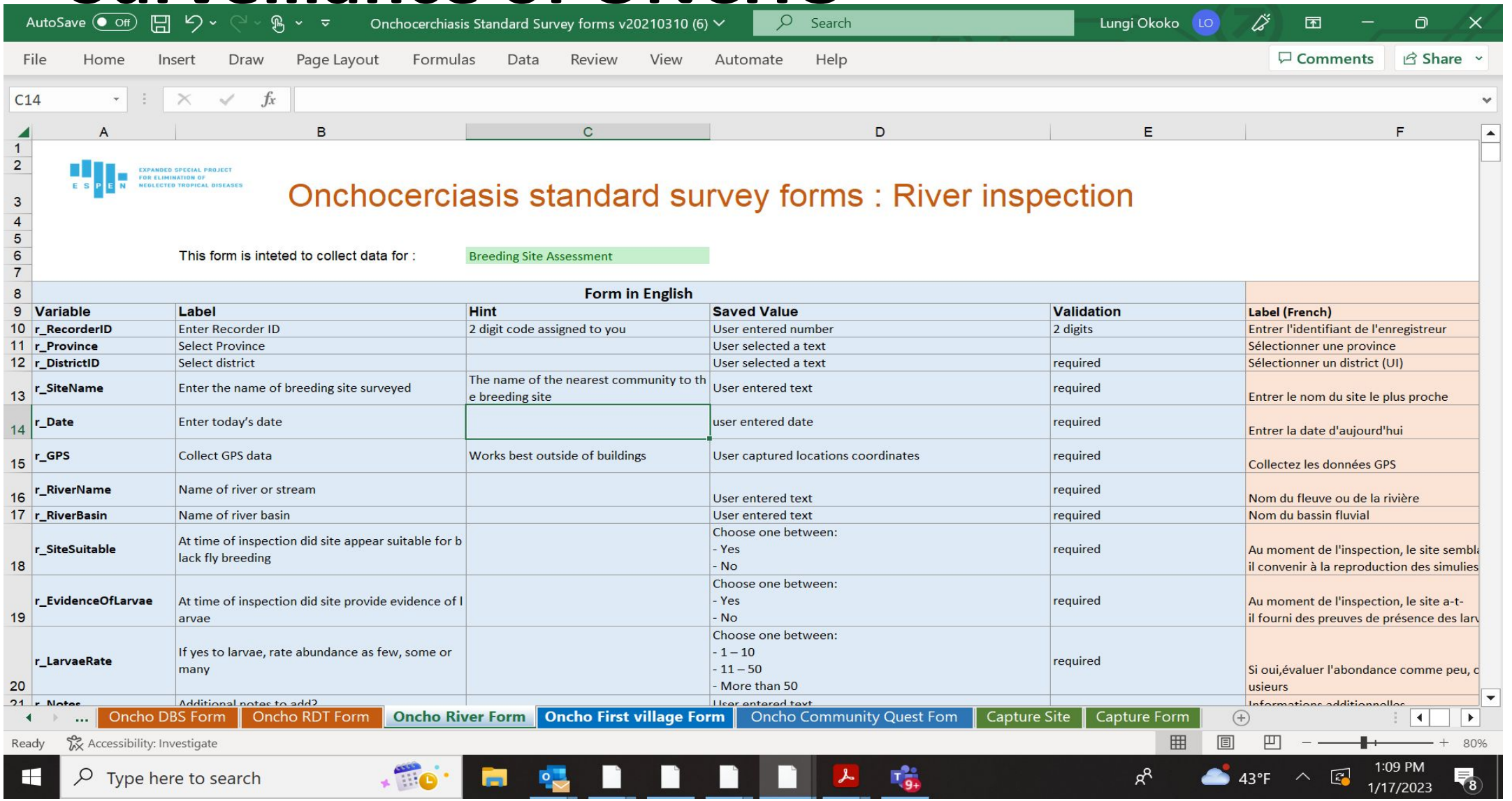
(to be standardized for 2023 and beyond)

https://docs.google.com/spreadsheets/d/1xxJdPhct8Neif2hKJiR6_NpfYO7k3ap0TDdhR-SJ7Hs/edit#gid=0

Community Registration				
Variable	**Label**	**Hint**	**Saved Value**	**Validation**
r_State	You are logged in as user from State if that is incorrect please login as a different user		User selected text	
r_RecorderID	Enter Recorder ID	2 digit code assigned to you	User entered number	2 digits
r_LGA	Select Local Government Area		User selected text	required
r_CommunityName	Enter the name of Community		User entered text	required
duplicate_confirmation	The community you just entered detail on may have already been registered. Please exit the form and check the case list to confirm it has not already been registered. If you've already completed that check select 'Yes' to proceed.			appears if potential duplicate identified
r_Date	Enter today's date		user entered date	required
r_CommunityAccessibility	Were you able to access the Community?		Choose one between: - Yes - No	required
r_InaccessibleReason	Why were you unable to access the community?			required (appears if r_communityacessibility = 'yes')
r_GPSCommunity	Collect GPS data at the Community	Works best outside of buildings	User captured locations coordinates	required

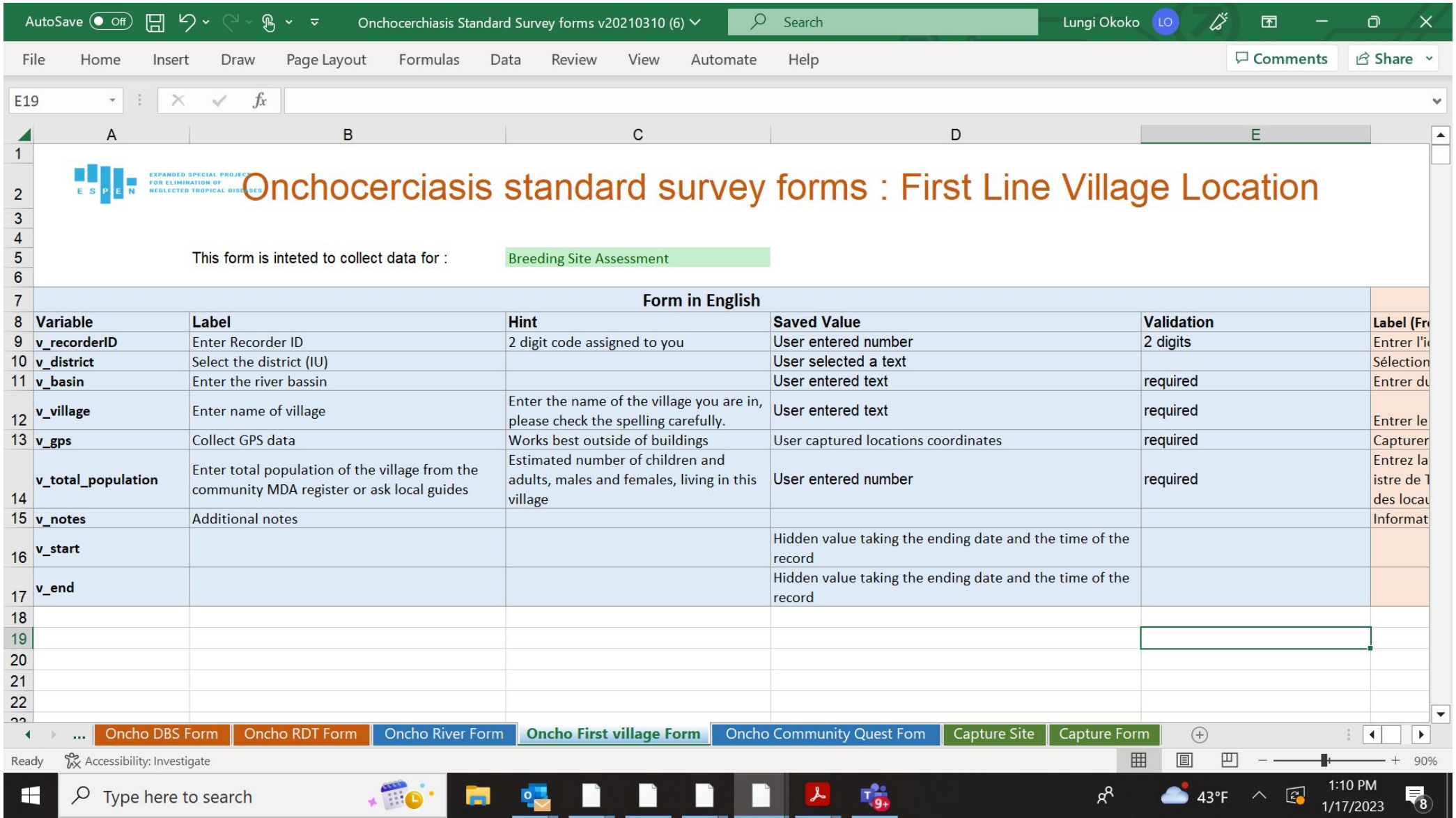
River Inspection				
r_RiverName	Name of river or stream		User entered text	required
r_RiverBasin	Name of river basin		User entered text	required
r_Date	Enter today's date		user entered date	required
r_GPSCommunity	Collect GPS data at the site	Works best outside of buildings	User captured locations coordinates	required
r_PossibleProspection	Is this river/river basin possible for prospection?		Choose one between: - Yes - No	required
r_ReasonNoProspection	Why is it not possible to prospect the river?			required (skipped if r_passibleprospection = 'yes')
r_SiteSuitable	At time of inspection did site appear suitable for black fly breeding		Choose one between: - Yes - No	required (skipped if r_PossibleProspection = 'yes')
r_EvidenceOfLarvae	At time of inspection did site provide evidence of larvae		Choose one between: - Yes - No	required
r_LarvaeRate	Please rate larvae abundance as few, some, or many		Choose one between: - 1 – 10 - 11 – 50 - More than 50	required
r_EvidenceofAdult	At time of inspection did site provide evidence of adult black flies		Choose one between: - Yes - No	required
r_AdultRate	Please rate adult black fly abundance as few, some, or many		Choose one between: - 1 – 10 - 11 – 50 - More than 50	required
lbl_photo	Next, please capture photos of the river basin for validation. Please capture three photos. The most critical features to capture in the photo are the flow of river water, vegetation surrounding the river, and rocks surrounding the river.		-	
photo_1	Please capture the first photo of the river bed		photo	
photo_2	Please capture the second photo of the river bed		photo	
photo_3	Please capture the third photo of the river bed		photo	
r_Notes	Additional notes to add?		User entered text	
r_StartTime			Hidden value taking the ending date and the time of the record	
r_EndTime			Hidden value taking the ending date and the time of the record	

ESPEN Collect Forms for Entomological Surveillance of ONCHO

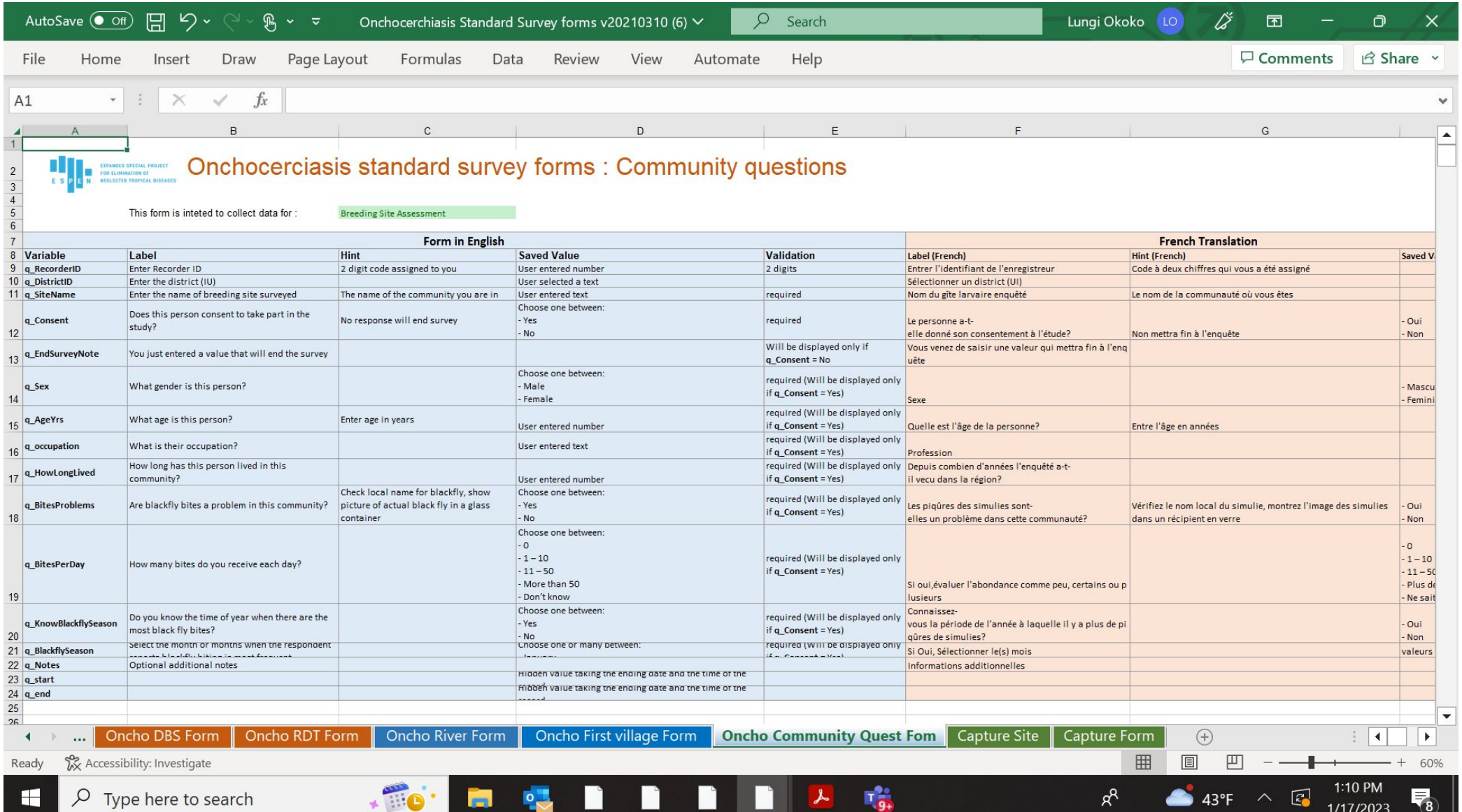


	A	B	C	D	E	F
8			Form in English			
9	**Variable**	**Label**	**Hint**	**Saved Value**	**Validation**	**Label (French)**
10	**r_RecorderID**	Enter Recorder ID	2 digit code assigned to you	User entered number	2 digits	Entrer l'identifiant de l'enregistreur
11	**r_Province**	Select Province		User selected a text		Sélectionner une province
12	**r_DistrictID**	Select district		User selected a text	required	Sélectionner un district (UI)
13	**r_SiteName**	Enter the name of breeding site surveyed	The name of the nearest community to th e breeding site	User entered text	required	Entrer le nom du site le plus proche
14	**r_Date**	Enter today's date		user entered date	required	Entrer la date d'aujourd'hui
15	**r_GPS**	Collect GPS data	Works best outside of buildings	User captured locations coordinates	required	Collectez les données GPS
16	**r_RiverName**	Name of river or stream		User entered text	required	Nom du fleuve ou de la rivière
17	**r_RiverBasin**	Name of river basin		User entered text	required	Nom du bassin fluvial
18	**r_SiteSuitable**	At time of inspection did site appear suitable for b lack fly breeding		Choose one between: - Yes - No	required	Au moment de l'inspection, le site sembl il convenir à la reproduction des simulies
19	**r_EvidenceOfLarvae**	At time of inspection did site provide evidence of l arvae		Choose one between: - Yes - No	required	Au moment de l'inspection, le site a-t- il fourni des preuves de présence des lar
20	**r_LarvaeRate**	If yes to larvae, rate abundance as few, some or many		Choose one between: - 1 – 10 - 11 – 50 - More than 50	required	Si oui,évaluer l'abondance comme peu, c usieurs
21	**r_Notes**	Additional notes to add?		User entered text		Informations additionnelles

ESPEN Collect Forms for Entomological Surveillance of ONCHO

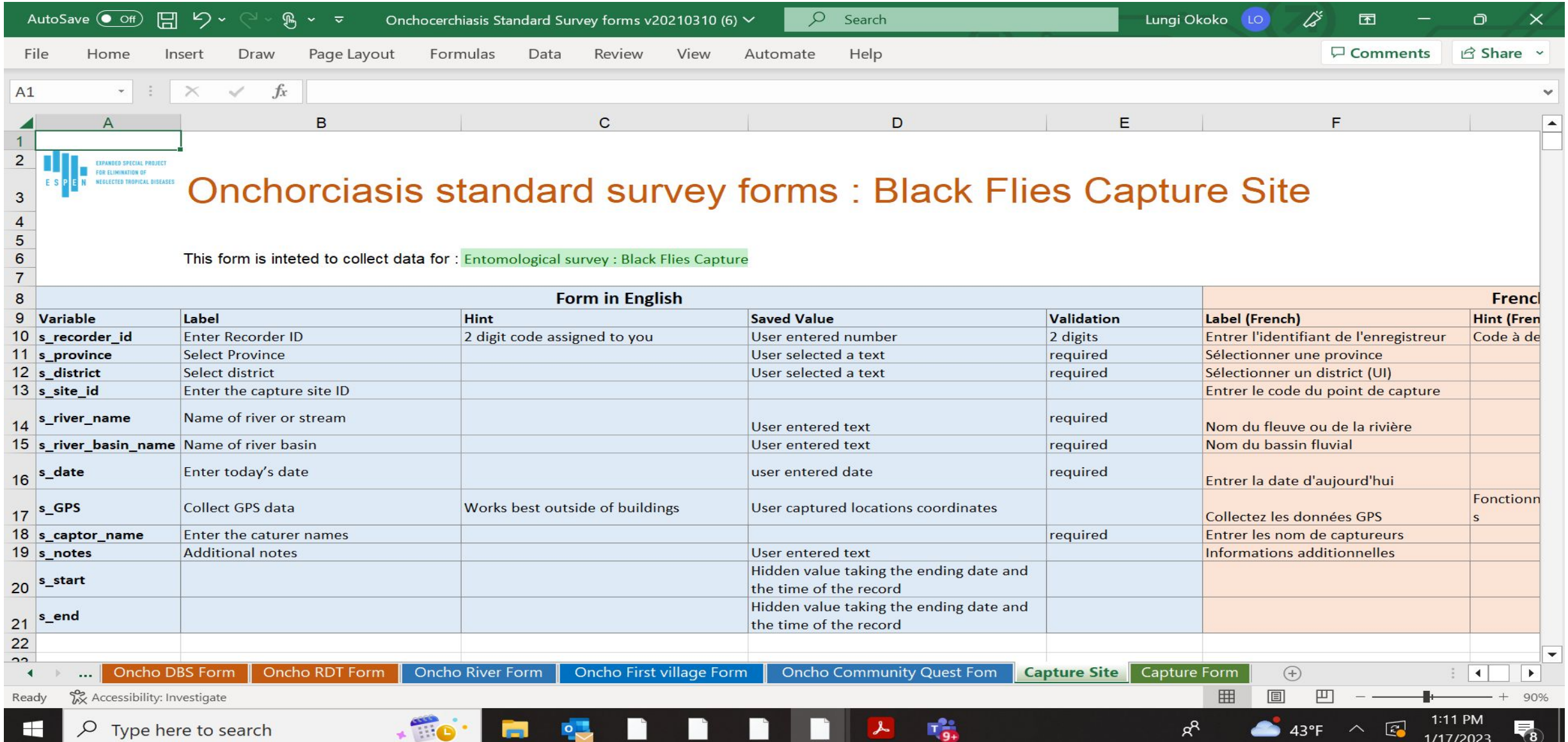


ESPEN Collect Forms for Entomological Surveillance of ONCHO



	Form in English					French Translation		
Variable	Label	Hint	Saved Value	Validation	Label (French)	Hint (French)	Saved V
q_RecorderID	Enter Recorder ID	2 digit code assigned to you	User entered number	2 digits	Entrer l'identifiant de l'enregistreur	Code à deux chiffres qui vous a été assigné	
q_DistrictID	Enter the district (IU)		User selected a text		Sélectionner un district (UI)		
q_SiteName	Enter the name of breeding site surveyed	The name of the community you are in	User entered text	required	Nom du gîte larvaire enquêté	Le nom de la communauté où vous êtes	
q_Consent	Does this person consent to take part in the study?	No response will end survey	Choose one between: - Yes - No	required	Le personne a-t- elle donné son consentement à l'étude?	Non mettra fin à l'enquête	- Oui - Non
q_EndSurveyNote	You just entered a value that will end the survey			Will be displayed only if **q_Consent** = No	Vous venez de saisir une valeur qui mettra fin à l'enq uête		
q_Sex	What gender is this person?		Choose one between: - Male - Female	required (Will be displayed only if **q_Consent** = Yes)	Sexe		- Mascu - Femini
q_AgeYrs	What age is this person?	Enter age in years	User entered number	required (Will be displayed only if **q_Consent** = Yes)	Quelle est l'âge de la personne?	Entre l'âge en années	
q_occupation	What is their occupation?		User entered text	required (Will be displayed only if **q_Consent** = Yes)	Profession		
q_HowLongLived	How long has this person lived in this community?		User entered number	required (Will be displayed only if **q_Consent** = Yes)	Depuis combien d'années l'enquêté a-t- il vecu dans la région?		
q_BitesProblems	Are blackfly bites a problem in this community?	Check local name for blackfly, show picture of actual black fly in a glass container	Choose one between: - Yes - No	required (Will be displayed only if **q_Consent** = Yes)	Les piqûres des simulies sont- elles un problème dans cette communauté?	Vérifiez le nom local du simulie, montrez l'image des simulies dans un récipient en verre	- Oui - Non
q_BitesPerDay	How many bites do you receive each day?		Choose one between: - 0 - 1 – 10 - 11 – 50 - More than 50 - Don't know	required (Will be displayed only if **q_Consent** = Yes)	Si oui,évaluer l'abondance comme peu, certains ou p lusieurs		- 0 - 1 – 10 - 11 – 50 - Plus de - Ne sait
q_KnowBlackflySeason	Do you know the time of year when there are the most black fly bites?		Choose one between: - Yes - No	required (Will be displayed only if **q_Consent** = Yes)	Connaissez- vous la période de l'année à laquelle il y a plus de pi qûres de simulies?		- Oui - Non
q_BlackflySeason	Select the month or months when the respondent		Choose one or many between:	required (Will be displayed only	Si Oui, Sélectionner le(s) mois		valeurs
q_Notes	Optional additional notes				Informations additionnelles		
q_start			Hidden value taking the ending date and the time of the				
q_end			Hidden value taking the ending date and the time of the				

ESPEN Collect Forms for Entomological Surveillance of ONCHO



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A1

EXPANDED SPECIAL PROJECT FOR ELIMINATION OF NEGLECTED TROPICAL DISEASES

Onchorciasis standard survey forms : Black Flies Capture Site

This form is inteted to collect data for : Entomological survey : Black Flies Capture

	Form in English					Frenc
Variable	Label	Hint	Saved Value	Validation	Label (French)	Hint (Fren
s_recorder_id	Enter Recorder ID	2 digit code assigned to you	User entered number	2 digits	Entrer l'identifiant de l'enregistreur	Code à de
s_province	Select Province		User selected a text	required	Sélectionner une province	
s_district	Select district		User selected a text	required	Sélectionner un district (UI)	
s_site_id	Enter the capture site ID				Entrer le code du point de capture	
s_river_name	Name of river or stream		User entered text	required	Nom du fleuve ou de la rivière	
s_river_basin_name	Name of river basin		User entered text	required	Nom du bassin fluvial	
s_date	Enter today's date		user entered date	required	Entrer la date d'aujourd'hui	
s_GPS	Collect GPS data	Works best outside of buildings	User captured locations coordinates		Collectez les données GPS	Fonctionn s
s_captor_name	Enter the caturer names			required	Entrer les nom de captureurs	
s_notes	Additional notes		User entered text		Informations additionnelles	
s_start			Hidden value taking the ending date and the time of the record			
s_end			Hidden value taking the ending date and the time of the record			

Oncho DBS Form | Oncho RDT Form | Oncho River Form | Oncho First village Form | Oncho Community Quest Fom | Capture Site | Capture Form

Ready | Accessibility: Investigate | 90%

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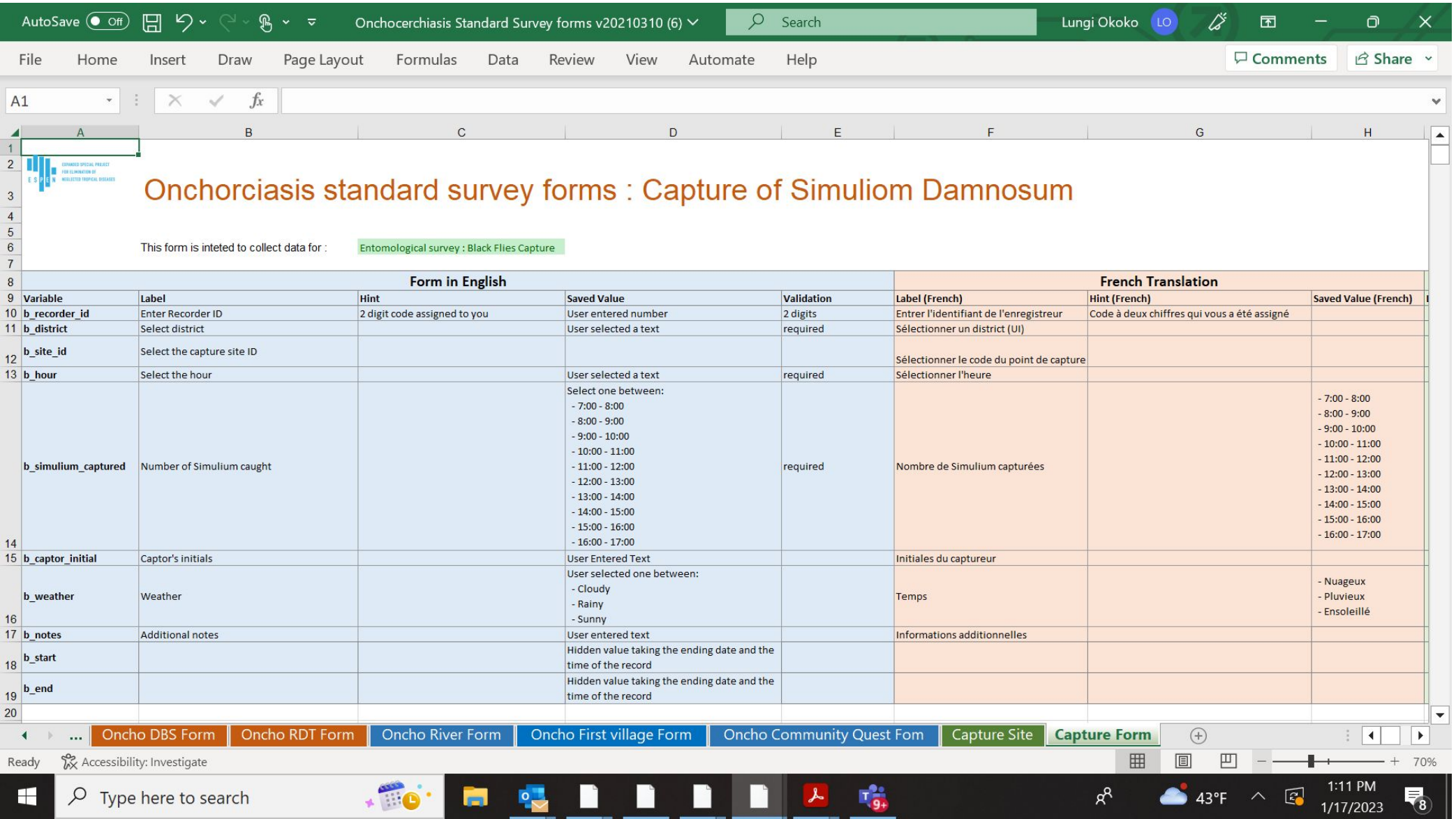
ESPEN Collect Forms for Entomological Surveillance of ONCHO



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Onchorciasis standard survey forms : Capture of Simuliom Damnosum

This form is inteted to collect data for : Entomological survey : Black Flies Capture

	Form in English					French Translation		
Variable	Label	Hint	Saved Value	Validation	Label (French)	Hint (French)	Saved Value (French)
b_recorder_id	Enter Recorder ID	2 digit code assigned to you	User entered number	2 digits	Entrer l'identifiant de l'enregistreur	Code à deux chiffres qui vous a été assigné	
b_district	Select district		User selected a text	required	Sélectionner un district (UI)		
b_site_id	Select the capture site ID				Sélectionner le code du point de capture		
b_hour	Select the hour		User selected a text	required	Sélectionner l'heure		
b_simulium_captured	Number of Simulium caught		Select one between: - 7:00 - 8:00 - 8:00 - 9:00 - 9:00 - 10:00 - 10:00 - 11:00 - 11:00 - 12:00 - 12:00 - 13:00 - 13:00 - 14:00 - 14:00 - 15:00 - 15:00 - 16:00 - 16:00 - 17:00	required	Nombre de Simulium capturées		- 7:00 - 8:00 - 8:00 - 9:00 - 9:00 - 10:00 - 10:00 - 11:00 - 11:00 - 12:00 - 12:00 - 13:00 - 13:00 - 14:00 - 14:00 - 15:00 - 15:00 - 16:00 - 16:00 - 17:00
b_captor_initial	Captor's initials		User Entered Text		Initiales du captureur		
b_weather	Weather		User selected one between: - Cloudy - Rainy - Sunny		Temps		- Nuageux - Pluvieux - Ensoleillé
b_notes	Additional notes		User entered text		Informations additionnelles		
b_start			Hidden value taking the ending date and the time of the record				
b_end			Hidden value taking the ending date and the time of the record				

Oncho DBS Form | Oncho RDT Form | Oncho River Form | Oncho First village Form | Oncho Community Quest Fom | Capture Site | Capture Form

Ready | Accessibility: Investigate | 70%

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Laboratory Form (NOEP from Dr. Adeleke)

Entomological Summary form for Field Entomologists

State..... LGA .....

Number of catching points.....

Days of collection	No of flies recorded in HLC form	No of flies recorded in Trap form	No confirmed to be S. damnosum in HLC catches	No confirmed to be S. damnosum in Trap catches	Total

Name of State Coordinator.....

STATE MONTHLY BLACKFLY CAPTURES

S/N	DATE FLY CATCHERS TRAINED	LGA	VILLAGE /COMMUNITY	RIVER	CORDINATES		August				September				October				November				December				Total Year (2021) to date			REMARKS
					LATITUDE	LONGITUDE	No. of Traps	No of Flies Confirmed (TRAP)	No of Flies Confirmed (HLC)	Total No of Flies Confirmed	No. of Traps	No of Flies Confirmed (TRAP)	No of Flies Confirmed (HLC)	Total No of Flies Confirmed	No. of Traps	No of Flies Confirmed (TRAP)	No of Flies Confirmed (HLC)	Total No of Flies Confirmed	No. of Traps	No of Flies Confirmed (TRAP)	No of Flies Confirmed (HLC)	Total No of Flies Confirmed	No. of Traps	No of Flies Confirmed (TRAP)	No of Flies Confirmed (HLC)	Total No of Flies Confirmed	No of Flies Confirmed (TRAP)	No of Flies Confirmed (HLC)	Total No of Flies Confirmed	
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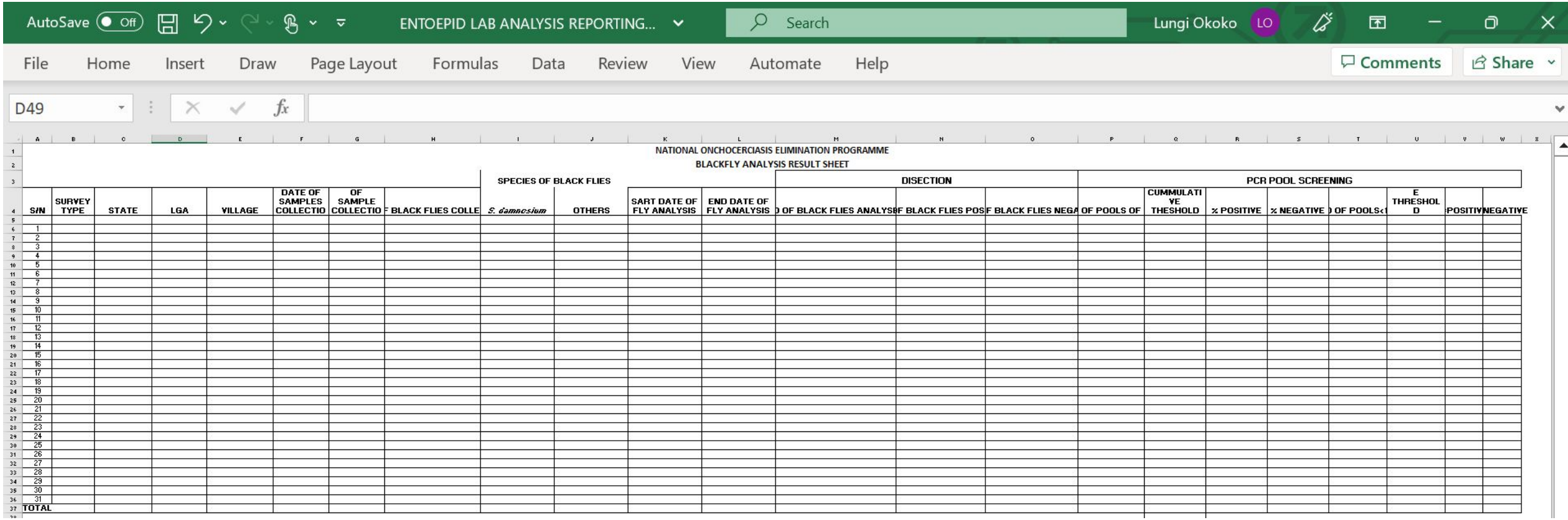
Laboratory Form (NOEC from TCC)



NATIONAL ONCHOCERCIASIS ELIMINATION PROGRAMME

BLACKFLY ANALYSIS RESULT SHEET

									SPECIES OF BLACK FLIES				DISECTION			PCR POOL SCREENING								
S/N	SURVEY TYPE	STATE	LGA	VILLAGE	DATE OF SAMPLES COLLECTIO	OF SAMPLE COLLECTIO	F BLACK FLIES COLLE		S. damnosium	OTHERS	SART DATE OF FLY ANALYSIS	END DATE OF FLY ANALYSIS	) OF BLACK FLIES ANALYSE	F BLACK FLIES POS	F BLACK FLIES NEGA	OF POOLS OF	CUMMULATIVE THESHOLD	% POSITIVE	% NEGATIVE	) OF POOLS<	E THRESHOLD	POSITIVE	NEGATIVE	
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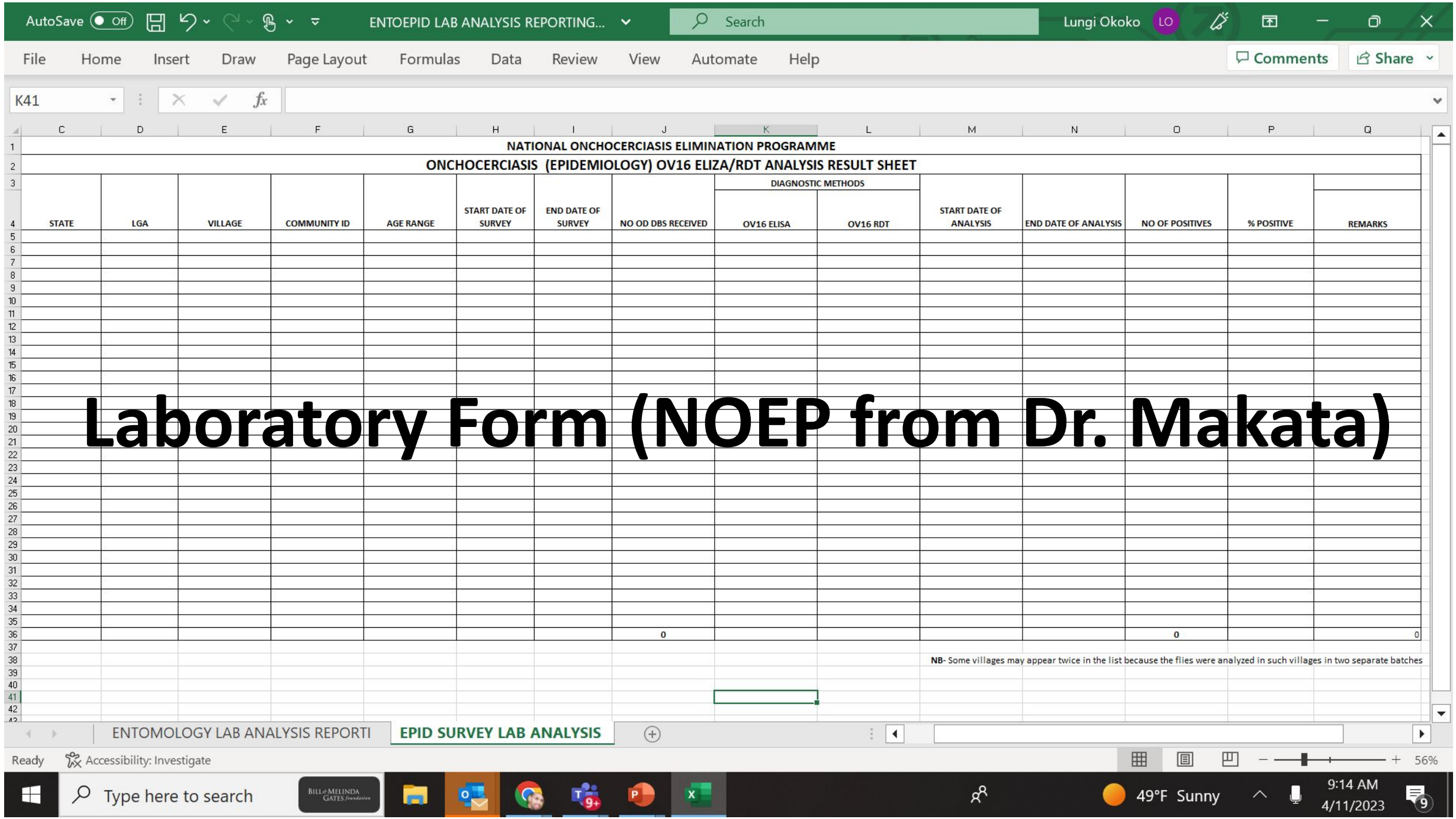
TOTAL																								

Laboratory Form (NOEP from Dr. Makata)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File Home Insert Draw Page Layout Formulas Data Review View Automate Help
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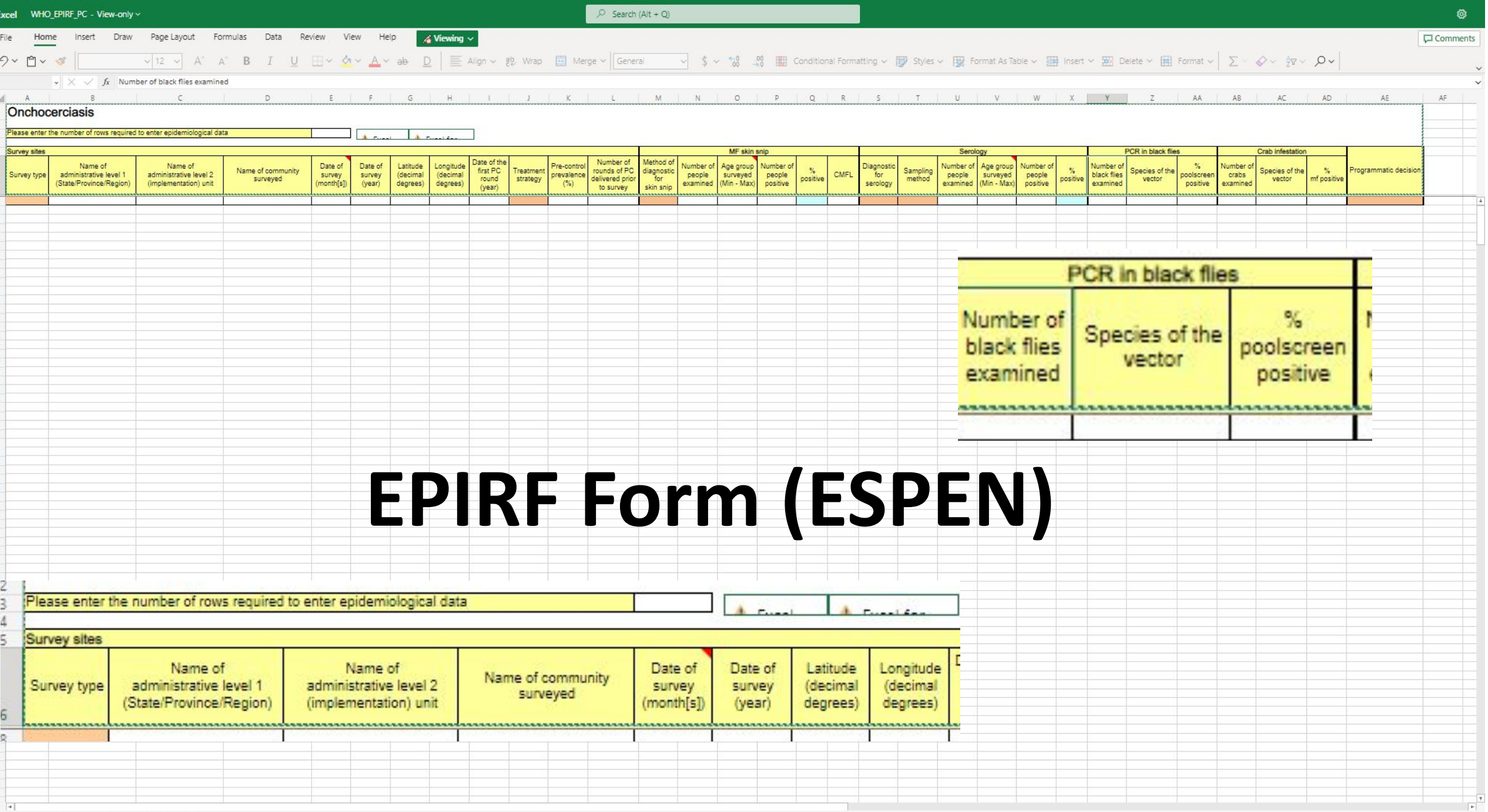
K41
NATIONAL ONCHOCERCIASIS ELIMINATION PROGRAMME
ONCHOCERCIASIS (EPIDEMIOLOGY) OV16 ELIZA/RDT ANALYSIS RESULT SHEET
DIAGNOSTIC METHODS
STATE
LGA
VILLAGE
COMMUNITY ID
AGE RANGE
START DATE OF SURVEY
END DATE OF SURVEY
NO OD DBS RECEIVED
OV16 ELISA
OV16 RDT
START DATE OF ANALYSIS
END DATE OF ANALYSIS
NO OF POSITIVES
% POSITIVE
REMARKS
0
0
0
NB- Some villages may appear twice in the list because the flies were analyzed in such villages in two separate batches
Laboratory Form (NOEP from Dr. Makata)
ENTOMOLOGY LAB ANALYSIS REPORTI
EPID SURVEY LAB ANALYSIS
Ready
Accessibility: Investigate
56%
Type here to search
49°F Sunny
9:14 AM
4/11/2023



PCR in black flies

Number of black flies examined	Species of the vector	% poolscreen positive

EPIRF Form (ESPEN)

Please enter the number of rows required to enter epidemiological data

Survey sites

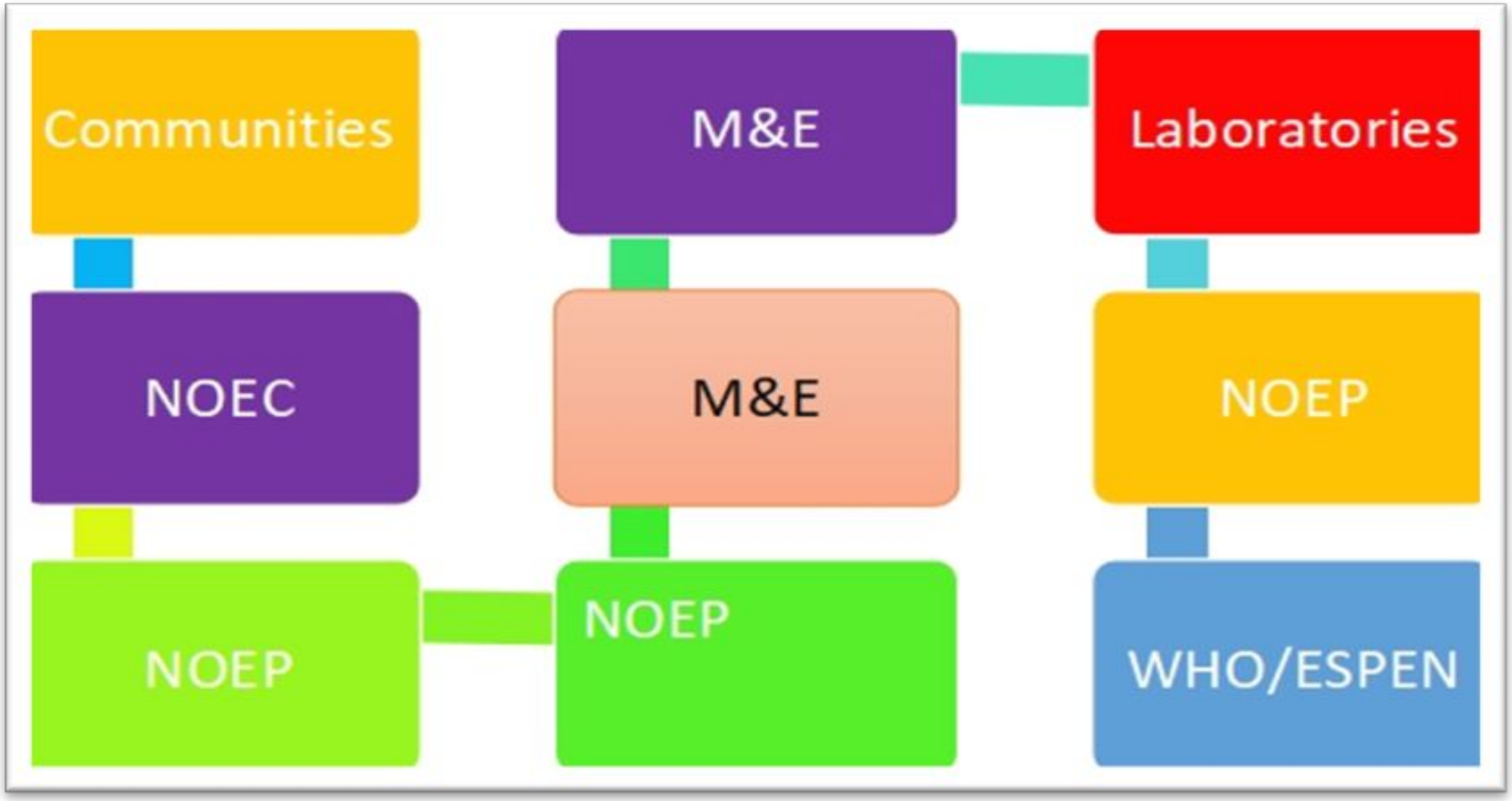
Survey type	Name of administrative level 1 (State/Province/Region)	Name of administrative level 2 (implementation) unit	Name of community surveyed	Date of survey (month[s])	Date of survey (year)	Latitude (decimal degrees)	Longitude (decimal degrees)

Summary Table of Forms

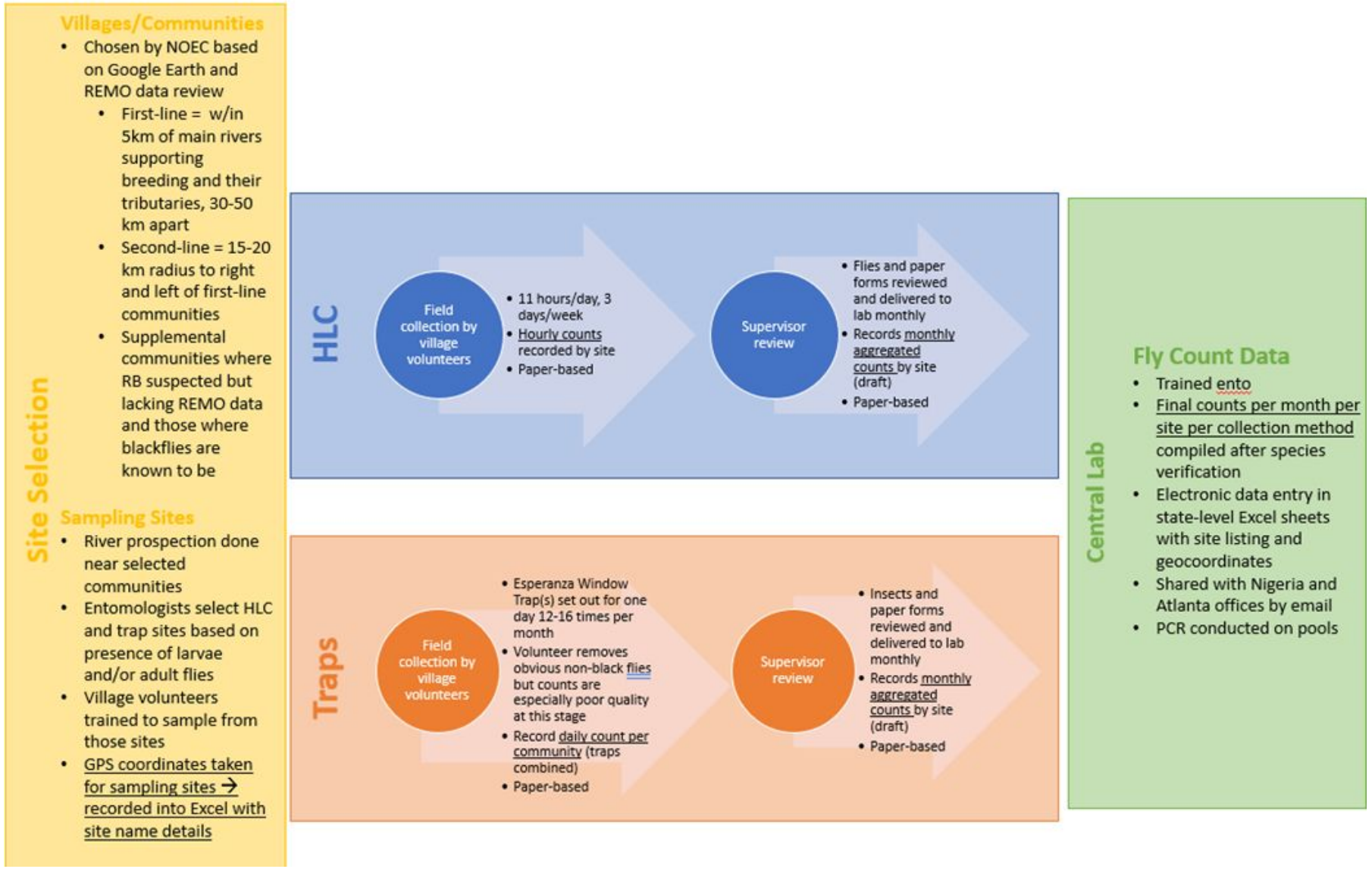
Form	User (who enters the data?)	Transmitted To	Frequency	Format
Fly Collector Recording Fly (Form 1)	Village volunteer - Fly Catcher	Field Entomologist	Daily	Paper
Ento Summary Field Data (Form 2)	Field Entomologist	NOEP	Weekly	Paper
Entomological Summary Form	Field Entomologist	NOEP	Weekly	Paper
State Monthly Blackfly Capture	Laboratory Entomologist	Carter Center	Monthly	Excel
Epidemiological Reporting Form (EPIRF)	NOEP	ESPEN	Annually	Excel

Data Flows

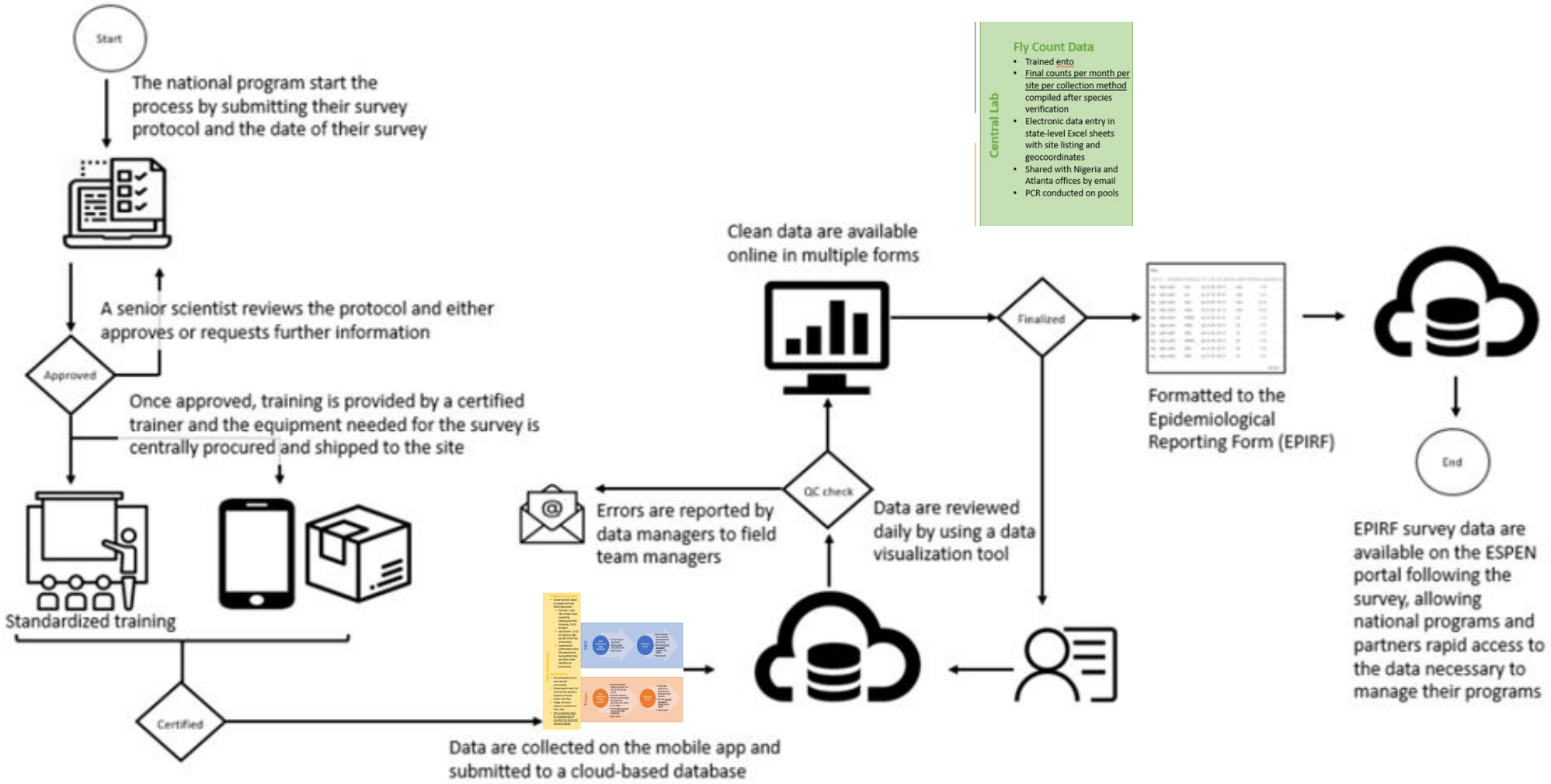
NOEP Data Flow – High Level / End to End



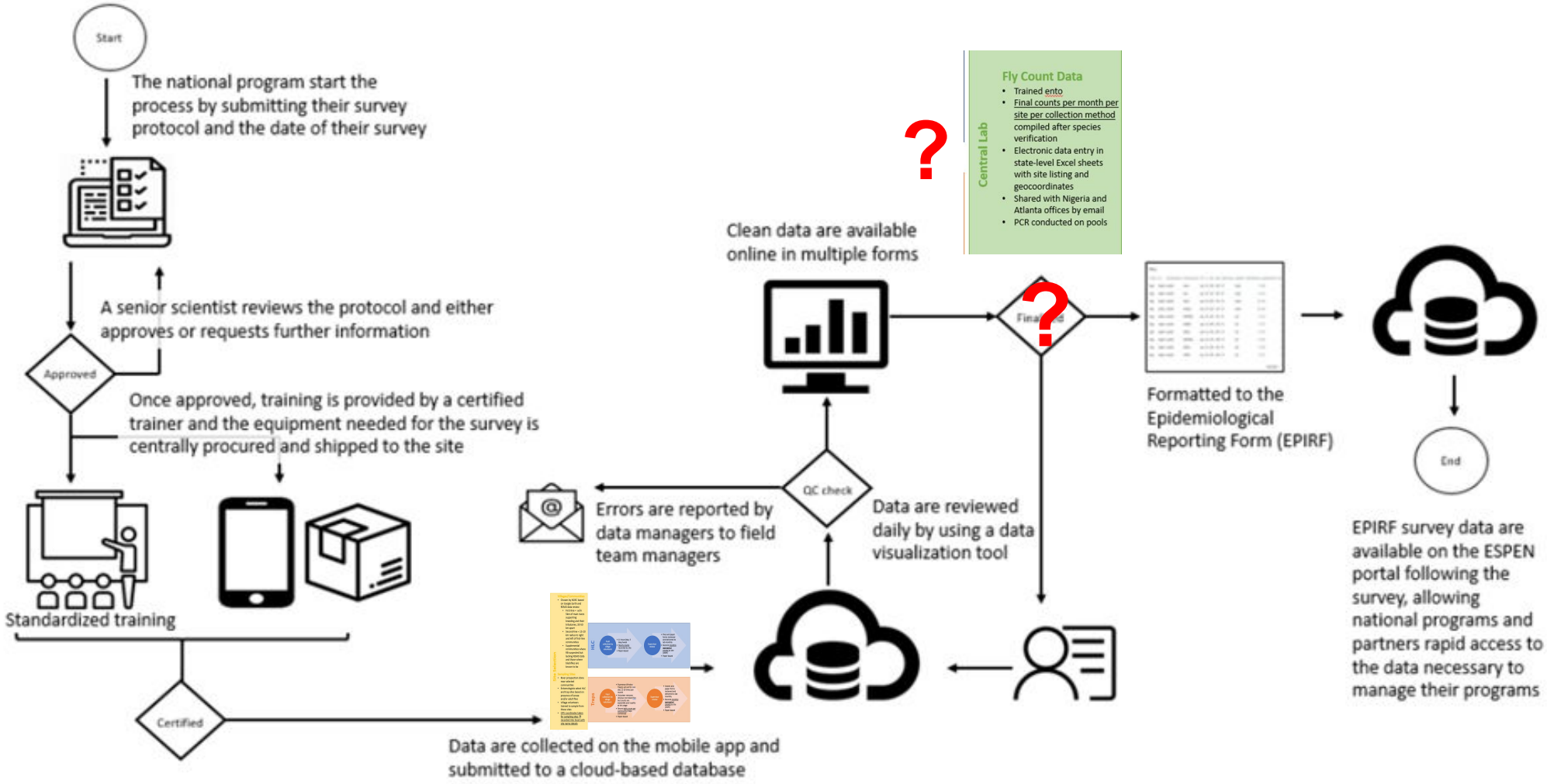
NOEP Data Flow - Prospection to Laboratory



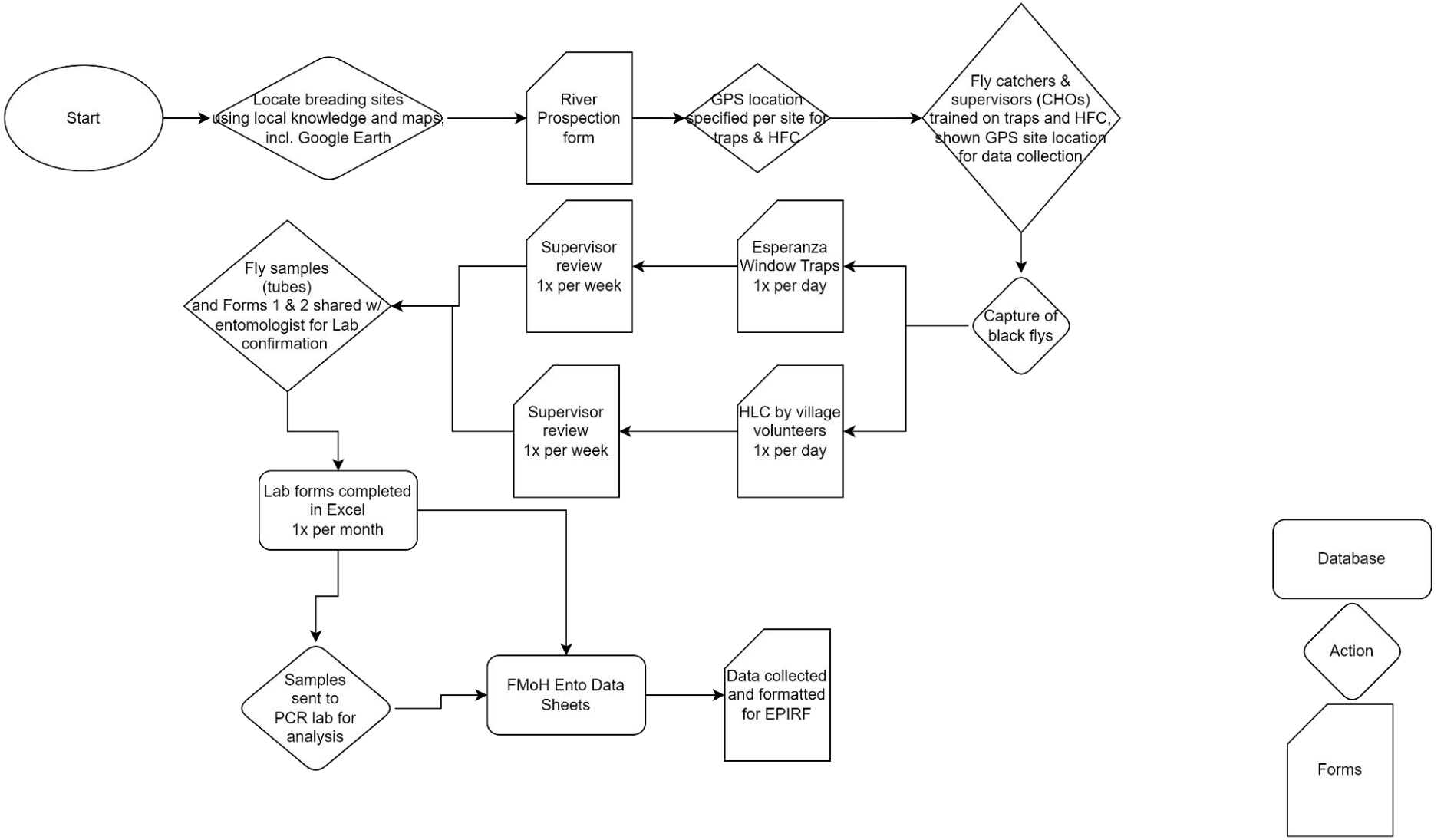
ESPEN Collect Data Flow



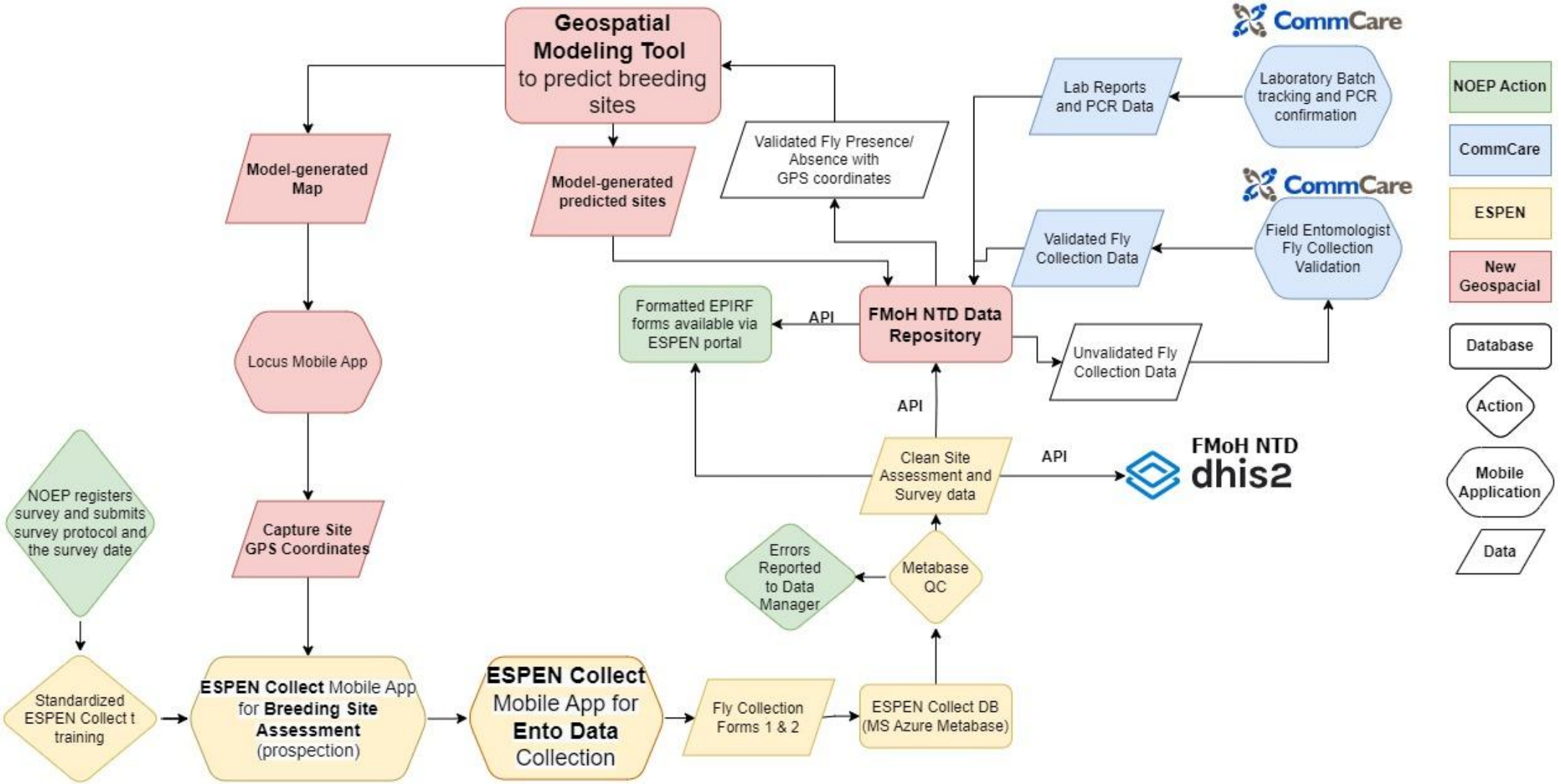
ESPEN Collect Data Flow in Nigeria



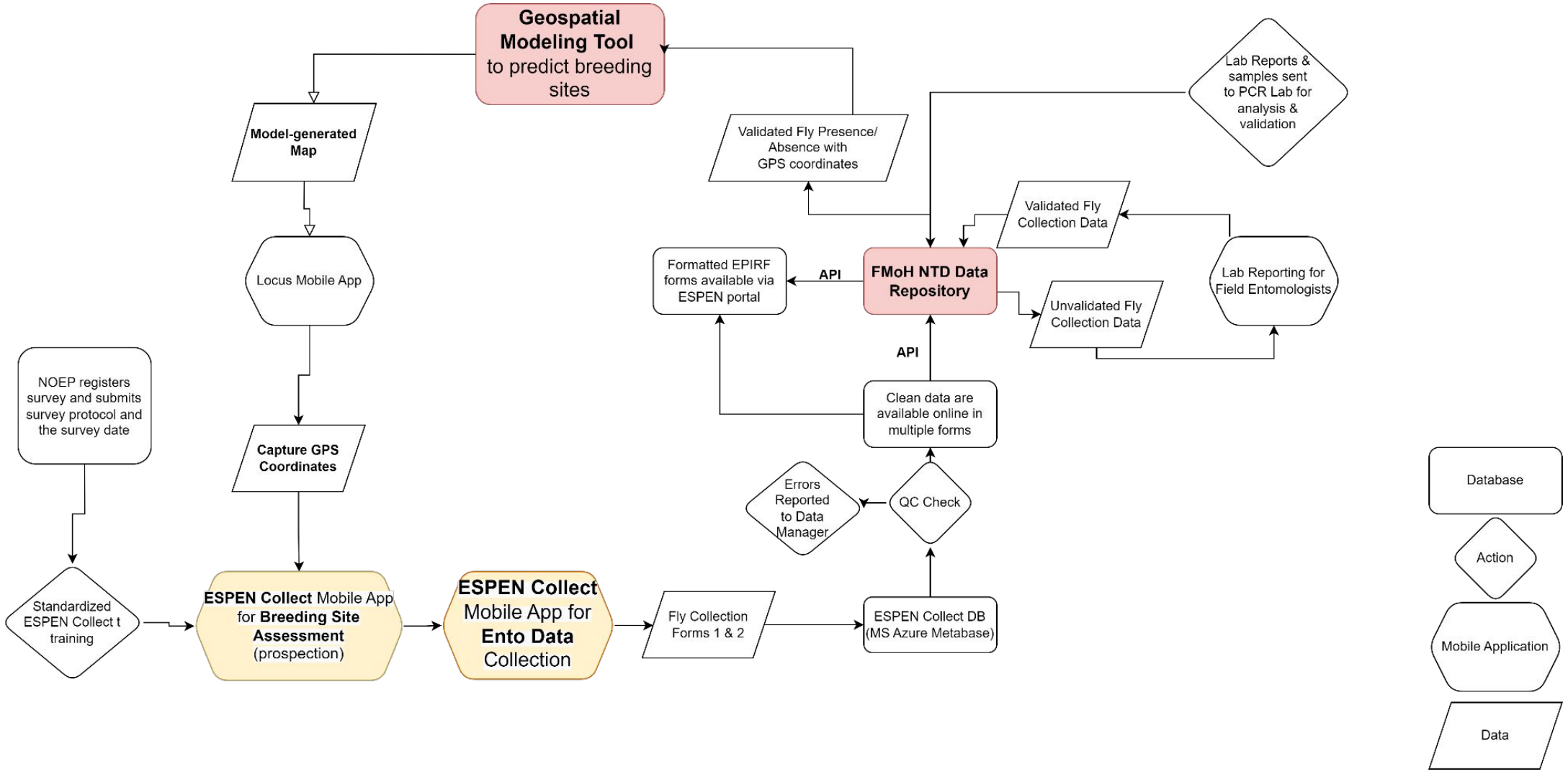
Current | Full End-to-End Data Flow in Nigeria – Paper-based Forms



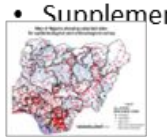
Future | Full End-to-End Data Flow in Nigeria – ESPEN Collect + Lab + Model



Old Version - Future | Full End-to-End Data Flow in Nigeria – ESPEN Collect + Lab + Model



ENTO DATA FLOW, LEVELS OF COLLECTION AND AGGREGATION

1 NOEC ento site selection	2 Ento Site Prospection	3 Fly trapping	4 Data aggregation	5 Species Identification Central Lab	6 qPCR Testing Central Lab	7 NOEC Decision to STOP MDA
	Entomologist	Community volunteers	Supervisor (LGA or District)	Entomologist	Lab technician	
Communities chosen by NOEC based on Google Earth and REMO data review: • First-line • Second-line • Supplemental 	• River prospection near selected communities • Human Landing Capture (HLC) and Esperanza Window Traps (EWT) sites based on presence of larvae and/or adult flies • GPS coordinates taken per site • Village volunteers trained from si • Humar trained 	**HLC:** • 11 hours days/wee • Hourly coun ded by site  **EWT:** • Set out for 1 day 12-16 times per n • Volunteer r us blackflies • Record dail community (combined)  	• Flies and paper forms reviewed • Fly counts aggregated by month • Delivered to lab monthly Espen Collect	• Identify blackfly *Simulium damnosum* • Determine final counts • Submit Excel file with geocoordinates to FMoH and implementing partner CommCare SORT	qPCR conducted on fly pools CommCare LABS	

2-day visit

Hourly or daily counts, respectively

Monthly

Monthly

Annual

1-Year

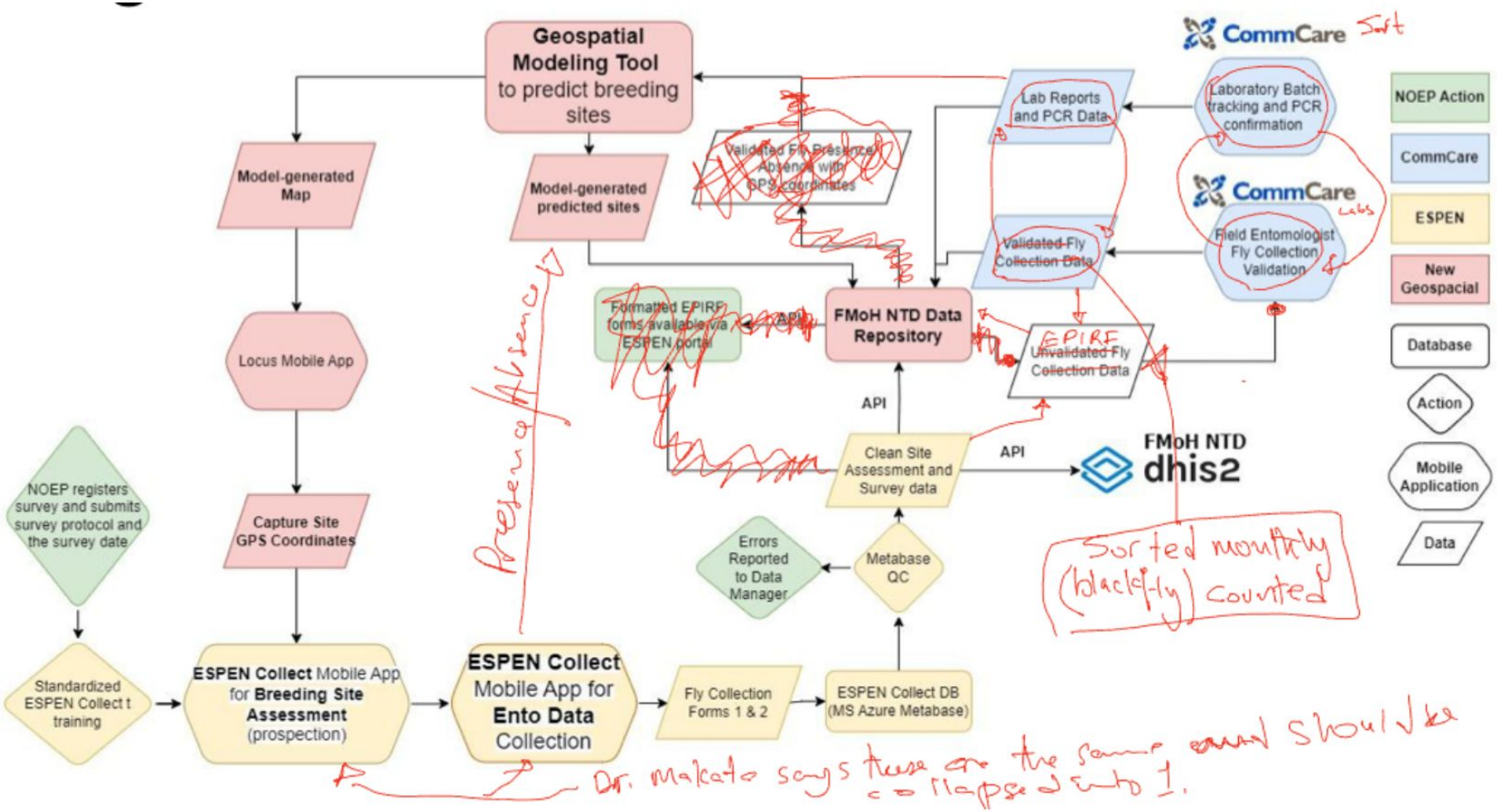
DATA

Often delayed due to reagent procurement and lab capacity

DATA

Geospatial model informs probable breeding sites

Revised Future | Full End-to-End Data Flow in Nigeria – ESPEN Collect + Lab + Model



December 2023 NOEC Deliverables

Modeling team to generate predictions for 10 additional Gombe State Ento sites using Lancaster Model. Data generated for Gombe (and other upcoming Ento Surveys) are:

1. Validation that the Model Predicted Sites exist and that they meet NOEC criteria (Data to come from CommCare River Prospection Form)
    a. Proximity to River Systems, dwelling communities, roads, etc.
2. Validation of the Model Prediction using Presence/Absence data (Data to come from Espen Collect)
3. Number of monthly sorted blackfly Similium Damnosium by Site (Data to come from CommCare SORT)

The above metrics will be:

- Reported via dashboard to be developed by Dimagi/InStrat
- Reported to Geospatial model via CSV File

Data from other Ento Surveys will also be captured on dashboard and reported to Geospatial Model

2023 NOEP Workplan

S/N	ACTIVITY	LOCATION	START DATE
1	Entomological Survey	Yobe State	Ongoing
2	Epidemiological Survey	Cross River	22/06/2023
3	Entomological Survey	Gombe	28/06/2022
4	Epidemiological Survey	Bauchi	4/07/2023
5	Epidemiological Survey	Kano	14/07/2023
6	Entomological Survey	Jigawa	15/07/2023
7	Epidemiological Survey	Niger	12/07/2023

Dimagi/InStrat Action Steps from London Mtg.

Platform	Task	Responsibility	Date	Status/Comments
Espen Collect	Confirm that Dr. Makata has uploaded Gombe State Ento Protocol.	InStrat	June 23	Done
	Confirm that Espen team has created Gombe Espen Surveys.	InStrat	June 23	Done
	Check if Espen can generate site IDs for all registered sites for River Prospection. Site IDs need to be exported to CommCare Sort (to minimize errors).	Dimagi	June 23	
	Finalize Espen collect export formats for Geospatial model, CommCare SORT.	Dimagi	June 30	
	Train FMOH staff/Amen Foundation on Use of Espen Collect for Gombe Survey.	InStrat	June 30	June 3rd & 4th
CommCare	Build CommCare SORT	Dimagi	Sept. 29	
	Develop (NOEP) dashboard	Dimagi	Sept. 29	
	Build Espen Collect, CommCare SORT, Geostat Model linkage	Dimagi	Oct 16	
	Build CommCare LABS	Dimagi	Nov 13	

Requirements

Requirements for Future End-to-End Data Flow in Nigeria

Category	Requirement	Description
	On Premise Hosting	Hosting NOEC data in country located servers as required for all Nigeria health data.
	Form Customization	Ability to customize Forms.
	Form Customization	Flexibility to quickly change or update forms.
	Form Customization	Flexibility to change workflows.
	Form Customization	Retroactive upload of forms for either historical or alternatively manually verified data
	Form Customization	Accommodate Nigeria's unique State programmatic structure.
	Data validation	Automated data validation checks, including to ensure GPS coordinates contain 6 digits
	Data validation	Accommodate changes to data submissions post validation.

Requirements for Future End-to-End Data Flow in Nigeria

Category	Requirement	Description
Workflows	Lab data	Upload and management of lab data and workflows.
Workflows	Sample Pictures	Capacity to take pictures of sample flies on the spot.
Workflows	Programmatic information requirements	Different ethical survey/ethical review process and approval documentation.
Workflows		Integration with real EpiMap Black Fly Environmental Habitat Suitability Modeling Project including turn by turn directions function.
Interoperability	Bidirectional reporting	Syncing of gps coordinates of suspected fly catchment area to mobile devices.
Interoperability		Support for Android Callout to other applications, such as Google maps or ODK geospatial widget
Interoperability	Mobile integrations	Harmonization with other data collection/reporting platforms including DHIS2.
Interoperability	Outbound reporting	

Requirements for Future End-to-End Data Flow in Nigeria

Category	Requirement	Description

Pilot

Pilot States for 2023

- 2023 ENTO SURVEYS: OUTCOME OF NOEC 16

	State	Implementing partner	Funder	Epi Assessment	Ento Assessment	Comments
Priority for 2023	Gombe	AMEN	TEF	Complete	2023	Ento recommended at NOEC 16
	Sokoto	SS	SS	Complete	2023	Ento recommended at NOEC 16
	Bauchi	Mitosath	TEF	2023	2023	Assessments being repeats (initially done in 2019-2020)
	Kwara	SS	SS	Complete	2023	Ento recommended at NOEC 16
	Yobe	HANDS/CBM	SS	Completed	Ento survey ongoing; will be completed to Oct 2023	EPI result presented to NOEC 15
	Cross River	RTI	USAID		2023	

Immediate Next Steps

Item	Contributing Orgs	Target Date
1. Validate data workflows and requirements	Dimagi, InStrat, NOEP, SightSavers, ESPEN, Margosa,	1 March
2. NOEP to register upcoming surveys with ESPEN	NOEP	6 March
3. NOEP to request ESPEN to grant data manager access to Dimagi and Instrat	NOEP with Instrat	6 March
4. Engage MITOSATH to reach consensus on collaboration for a ESPEN Collect implementation in Bauchi State	NOEP and Instrat with Dimagi	6 March
4. Develop Lab results reporting prototype	Dimagi, InStrat, NOEP, Osun State, SightSavers, TCC	10 April
5. Co-organize ESPEN Collect training in Nigeria	Dimagi, InStrat, NOEP, SightSavers, ESPEN	20 March
6. Co-organize Lab reporting system training in Nigeria	Dimagi, InStrat, NOEP, SightSavers	17 April
7. Provide helpdesk support for ESPEN Collect and Lab reporting system implementation	Dimagi, Instrat, NOEP, SightSavers, ESPEN	3 April

Updated ESPEN Collect data sharing diagram

List of Questions

List of Remaining Questions to Dr. Adeleke

ESPEN Collect for Prospection and Ento Surveys

1. Which of the five ESPEN Collect forms are currently being used in Nigeria?
2. Who is responsible for entering data occur at every step?
3. Who is responsible for collecting GPS coordinates at a new site?
4. Where does data entry occur at every step in the process? How often are new breeding sites added?

Lab

5. What are key data related challenges with Lab data?
6. How are GPS coordinates shared with the lab?
7. How does ento survey data (Form 1 and 2) get shared with Laboratories? How often? Who is responsible?
8. Who does the lab work when data is collected by an NGO partner?
9. How does Lab data get entered into EPIRF? How often? Who is responsible?

Data Use

10. To what extent is historical ento data used by entomologists?
11. Do you have examples of standard data analysis conducted on ento survey data?
12. To what extent is historical lab data used by entomologists at a laboratory?
13. Do you have examples of standard data analysis conducted on lab data?

List of Remaining Questions to SightSavers

ESPEN Collect for Prospection and Ento Surveys

1. For the upcoming ento surveys in April, it is our understanding that SighSavers will use ESPEN Collect. will HANDS and CBM also use the tool?
2. Which of the five ESPEN Collect forms do you use?
3. What do you do you when you need to modify the forms?
4. Who does the ESPEN Collect training?
5. Who has access to the ento data collected via ESPEN Collect?
6. How do you access the ESPEN Collect servers?
7. Who is responsible for collecting GPS coordinates at a new site?
8. How often are new breeding sites added?

1. Bauchi State - MITOSATH
2. Jigawa State - HANDS / CBM / Sightsavers
3. Yobe State - HANDS / CBM / Sightsavers
4. Kano State - HANDS / CBM / Sightsavers

Lab

9. What are key data related challenges with Lab data?
10. How are GPS coordinates shared with the lab?
11. How does ento survey data (Form 1 and 2) get shared with Laboratories? How often? Who is responsible?
12. How does Lab data get entered into EPIRF? How are the EPIRF fields calculated? How often? Who is responsible?

Data Use

13. To what extent is historical ento data used by entomologists?
14. Do you have examples of standard data analysis conducted on ento survey data?
15. To what extent is historical lab data used by entomologists at a laboratory?
16. Do you have examples of standard data analysis conducted on lab data?