

# One Farm's Quest to Stay PED and ASF-Free

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# Premise

- Possibility of getting ASF?
- Probability of getting ASF?
- Do all possible to NOT get ASF









# Content

1. Fostering a  
Biosecurity Mindset



2. Informing and  
educating everyone





**Fostering a  
Biosecurity  
Mindset  
In Everyone**

# Checklists, Manuals, etc.

- <https://www.farmbiosecurity.com.au/wp-content/uploads/2019/03/Piggery-Biosecurity-Audit-Checklist.pdf>
- <http://www.fao.org/3/a-i1435e.pdf>
- <http://extensionpublications.unl.edu/assets/pdf/ec289.pdf>
- <http://www.fao.org/3/a-i3190e.pdf>

**Australian Pork Industry Biosecurity Code**

**Piggery Audit Checklist**

| Audit date:                           |  | Audit done by: |           |            | Property name/P          |
|---------------------------------------|--|----------------|-----------|------------|--------------------------|
| <b>1.0 DOCUMENTATION and TRAINING</b> | <b>PARAGRAPH REF.</b>  | <b>YES</b>     | <b>NO</b> | <b>N/A</b> | <b>CORRECTIVE ACTION</b> |
| 1.2                                   | Have staff been given instruction in the relevant parts of the Code? |                |           |            |                          |
| 1.3                                   | Is a record kept of all relevant training received by employees?     |                |           |            |                          |
| 1.4                                   | Is a pig mortality register being maintained?                        |                |           |            |                          |
| 1.5                                   | Is an appropriate pig movement register being maintained?            |                |           |            |                          |
| <b>Notes</b>                          |  |                |           |            |                          |
|                                       |  |                |           |            |                          |
| <b>2.0 FACILITY STANDARDS</b>         | <b>PARAGRAPH REF.</b>  | <b>YES</b>     | <b>NO</b> | <b>N/A</b> | <b>CORRECTIVE ACTION</b> |
| 2.1                                   | Does the production area have a                                      |                |           |            |                          |



# Biosecurity Measures

Difficult to monitor, control or execute; high chance of failure

Needs moderate amount of monitoring / supervision

Easy to implement/monitor

## Entry process for non-employees

72 hours no pig contact

Double footdip

Footwear change

Shower

Double Foot dip

Double Foot dip

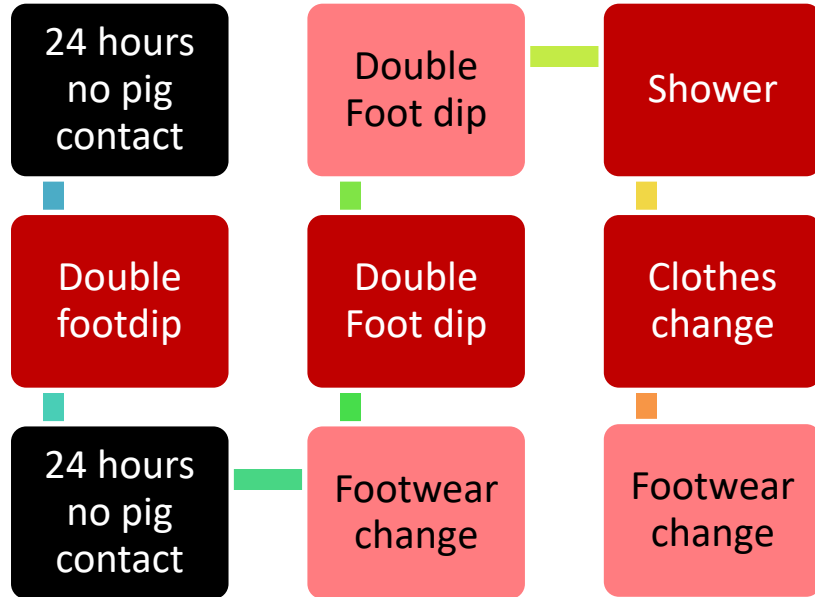
Clothes change

Footwear change

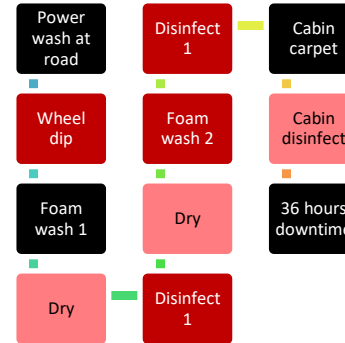
Gloves mask cap

# Biosecurity Measures

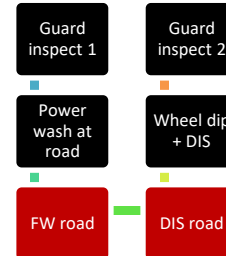
## Entry process for employees



## Truck wash - Garage



## Truck wash - Gate



## Medicines Delivery



## Stocks Entry



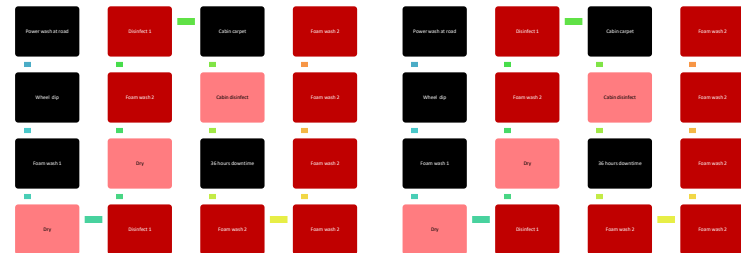


# Biosecurity Measures

## Pest Control



## Insect Control



# Involve EVERYONE

## Feed Biosecurity



- Nutritionist
- Suppliers
  - RMs
  - Basemix
  - Meds

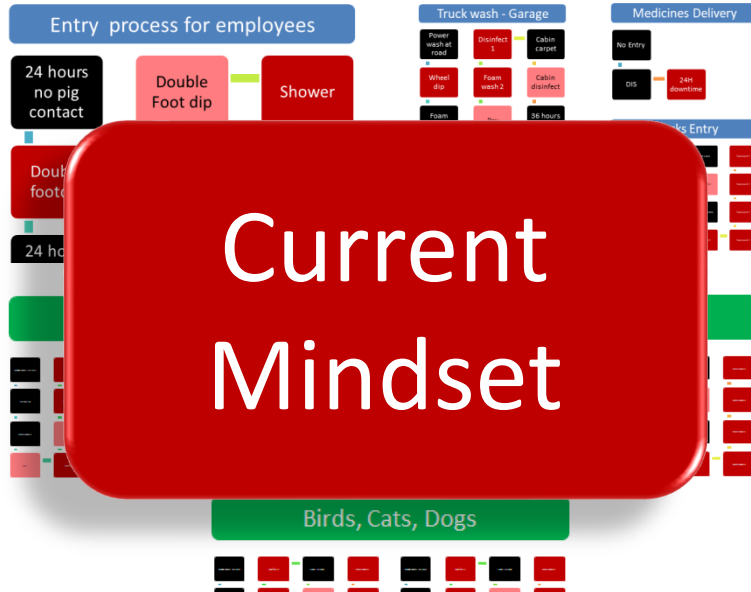


# AV-E Digest®

- **100% Avian tissue used, with NO tissue of porcine origin.**
- Highly palatable predigested protein derived from hydrolyzed fresh avian tissue.
- Separated egg albumen, a source of protein with one of the highest biological values
- A high fat content consisting of short fatty acid chain



# How to implement?





# Biosecurity Mindset Para sa Lahat

## Ang epektibong Biosecurity Guard



1

## Bakit mahalaga ito?



2

## Nilalaman ng Presentation

1. Sino ang Biosecurity Guard sa isang farm?
2. Anu-ano ang katangian ng isang Biosecurity Guard?
3. Sino ang dapat guwardiyahan?
4. Biosecurity sa gate
5. Biosecurity sa piggery house



3

## Ano ang Biosecurity Guard?



Sino ang  
Biosecurity  
Guard  
sa Farm?



4

## Katangian ng Biosecurity Guard

- Mahigpit
- Mabusisi
- Masunurin



5

## Ang pinaka importanteng katangian



6



# Panata ng Biosecurity Guard

Iniibig ko ang aking trabaho sa piggery / Ito ang nagpapa-aral sa aking mga anak / Ito ang napgopondo ng aking mga pangangailangan / Dahil mahal ko ang aking trabaho, / Diringgin ko ang payo ng aking mga lider / Susundin ko ang lahat ng lahat ng tuntunin ng kumpanya. / **Tutuparin ko ang mga tungkulin ng isang biosecurity guard: Pipigilan ko ang pagpasok at paglaganap ng sakit nang buong katapatan.** / Habang ako'y may trabaho sa piggery, / laalay ko ang aking karunungan, pagsisikap, at malasakit sa aking kumpanya.

# Biosecurity Champions



Admin



Farrowing



Quarters



Feedmill



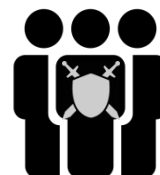
AI Lab



Canteen



Marketing



Logistics

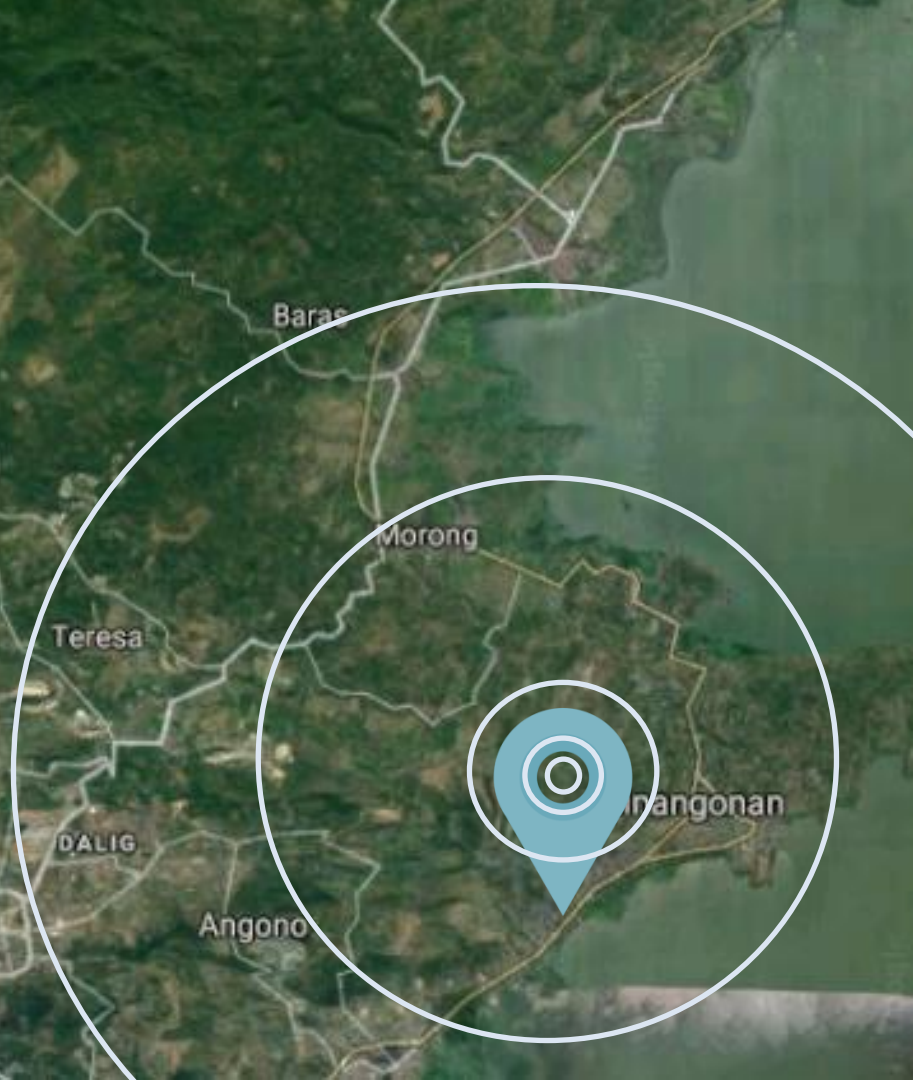




**Informing and  
Educating  
As Much  
People  
As Possible**

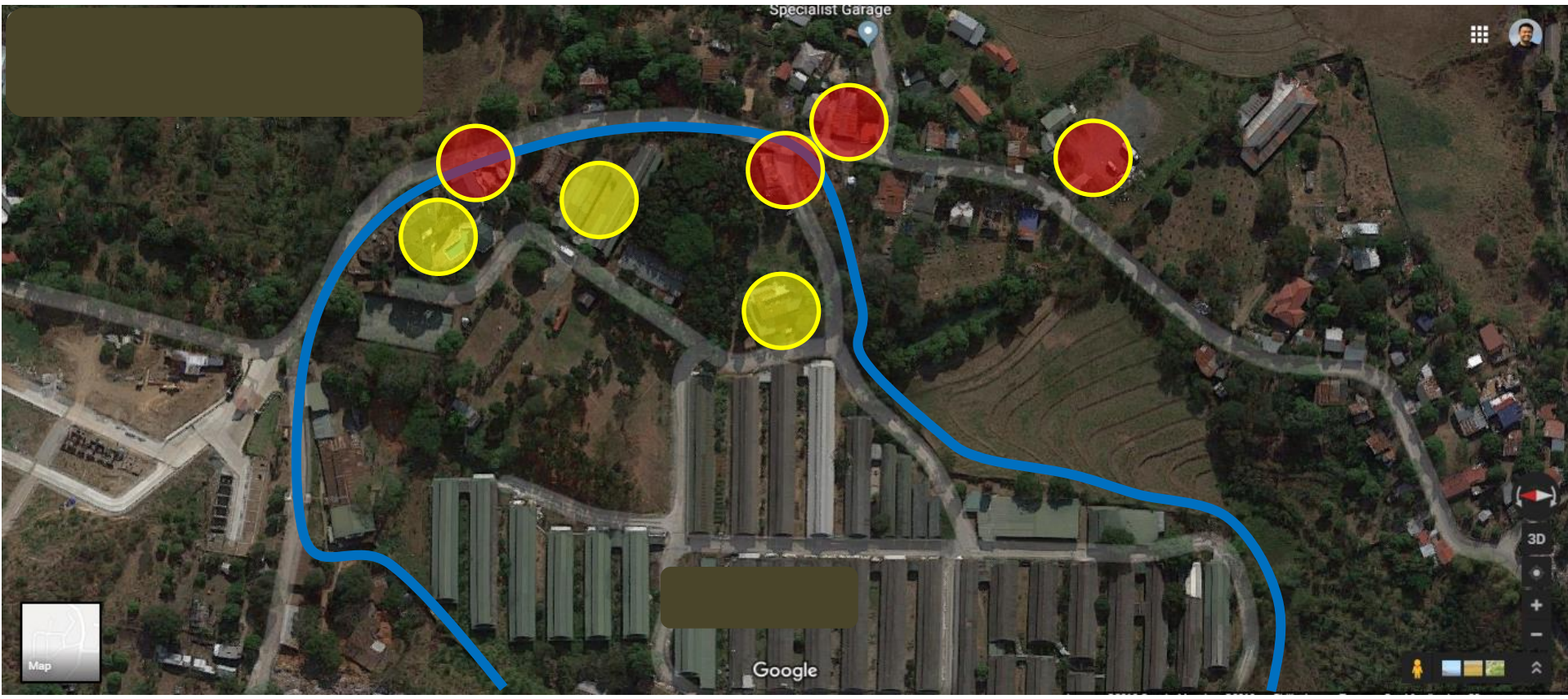
**MAP  
AWARENESS:**

**SETTING UP  
LAYERS OF  
PROTECTION**





# 1<sup>st</sup> Layer: Farm Perimeter

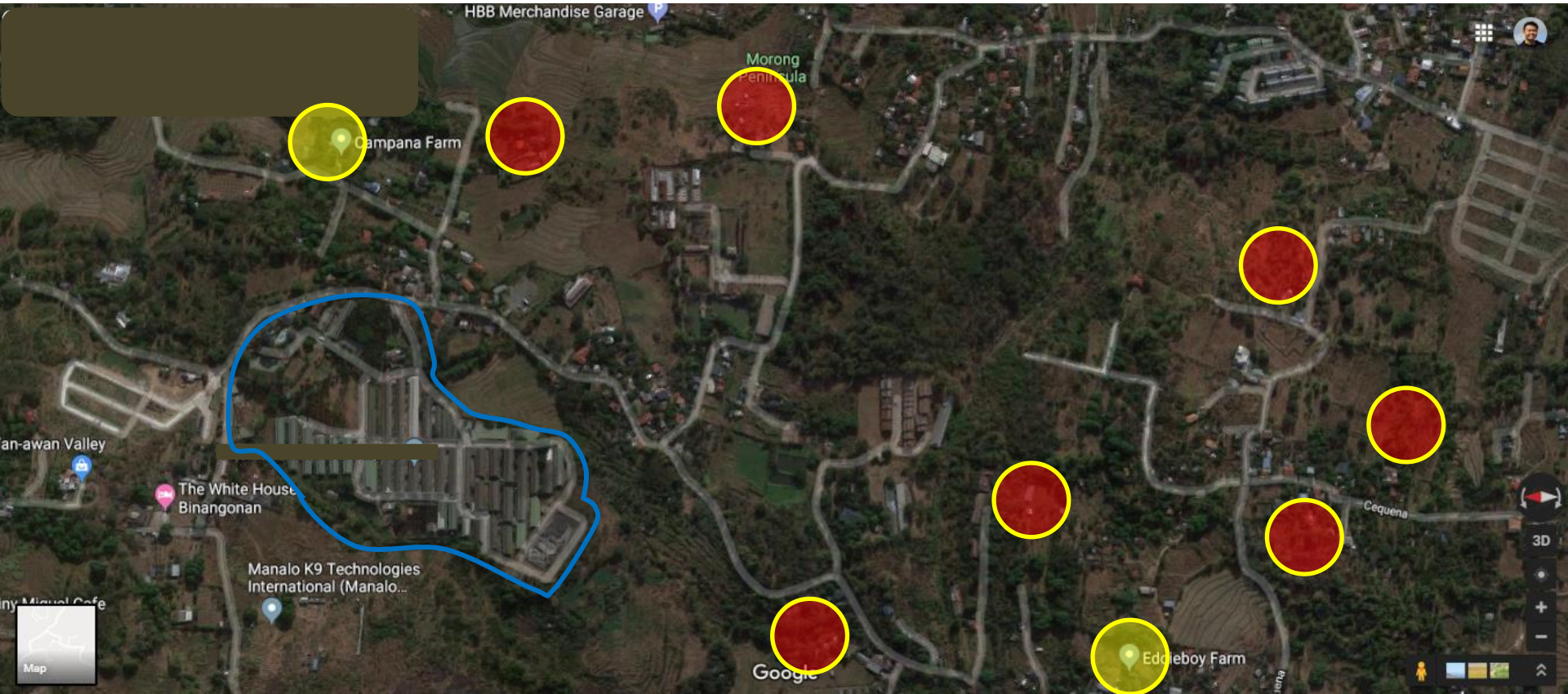


# Road Grade

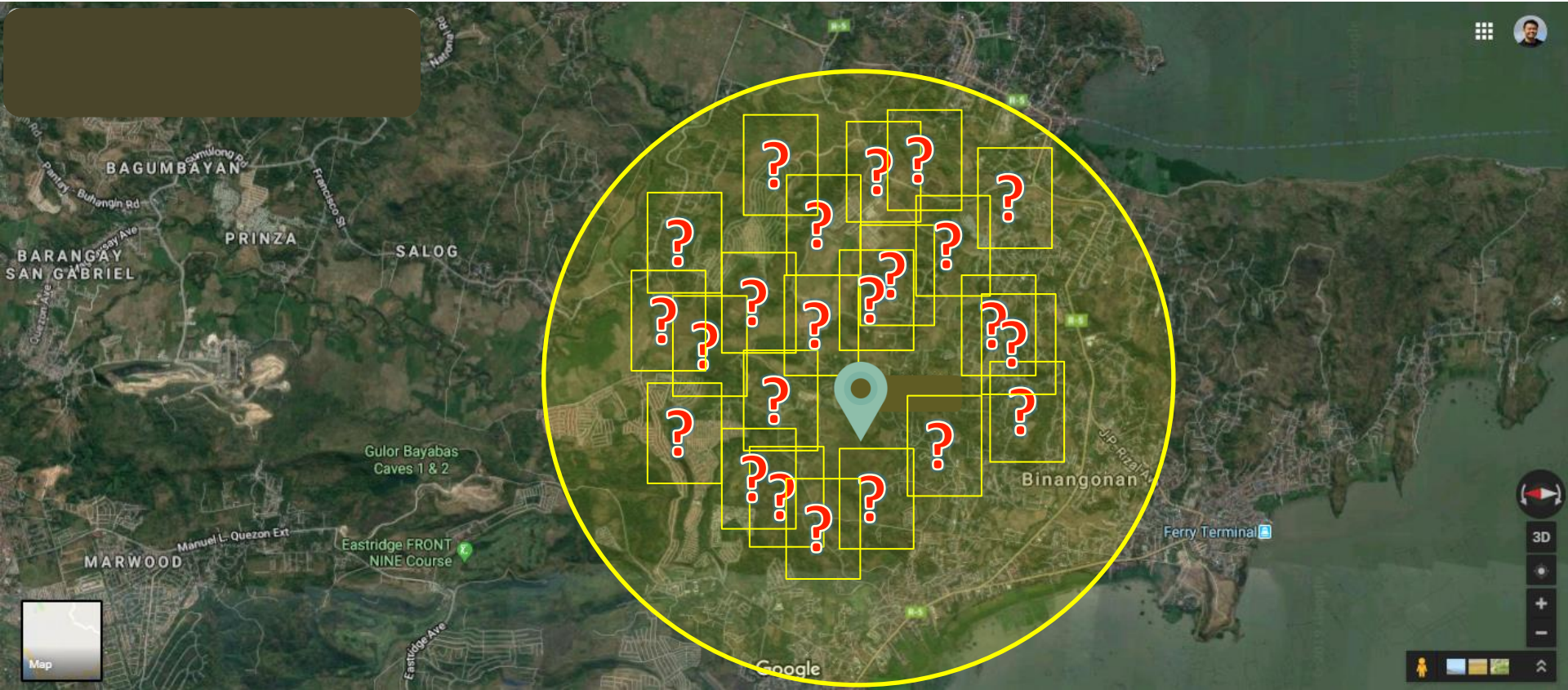




# 2<sup>nd</sup> Layer: Barangay Perimeter

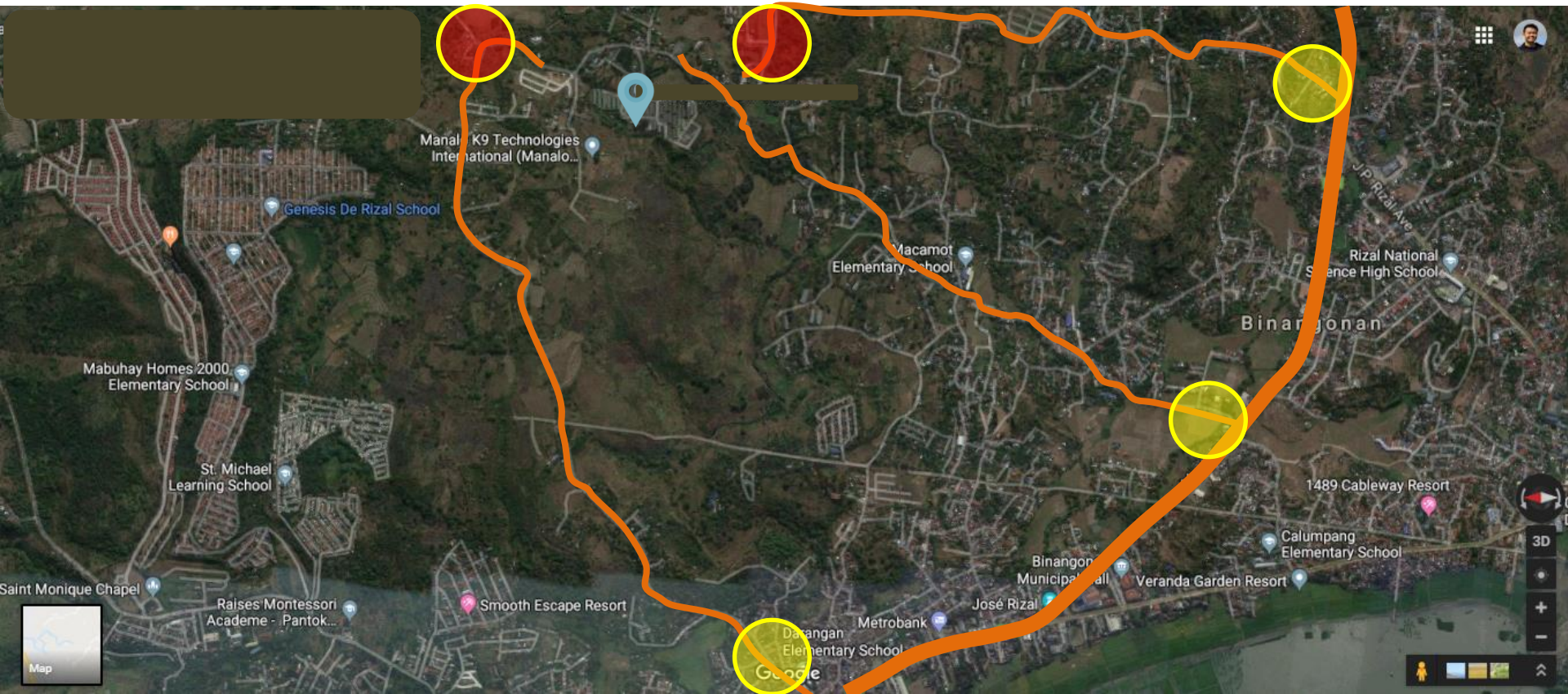


# Who else is out there?



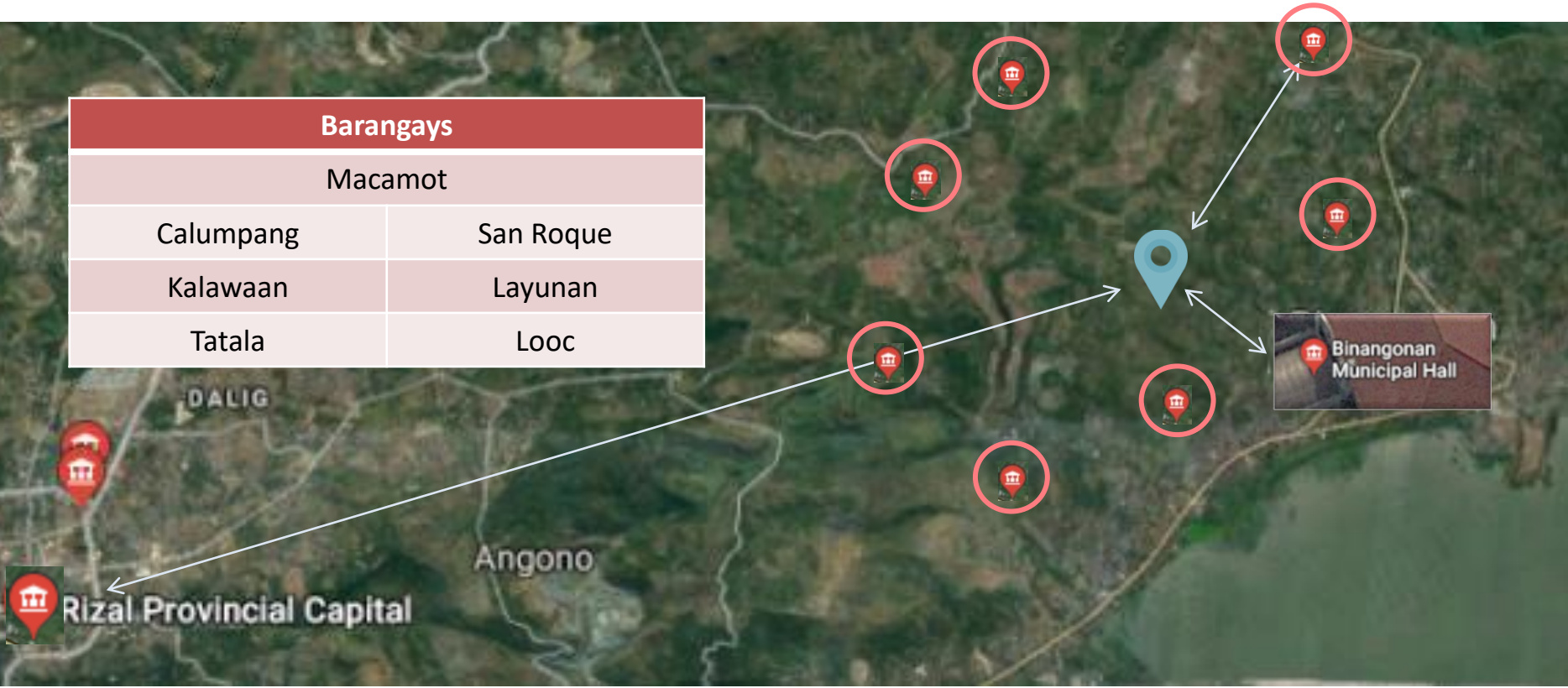


# Roads and Checkpoints



# 3<sup>rd</sup> Layer: Municipal & Prov'l Level

| Barangays |           |
|-----------|-----------|
| Macamot   |           |
| Calumpang | San Roque |
| Kalawaan  | Layunan   |
| Tatala    | Looc      |





# Educate the Backyard Raisers

2019

| January |    |    |    |    |    |    |
|---------|----|----|----|----|----|----|
| Su      | M  | Tu | W  | Th | F  | Sa |
|         |    | 1  | 2  | 3  | 4  | 5  |
| 6       | 7  | 8  | 9  | 10 | 11 | 12 |
| 13      | 14 | 15 | 16 | 17 | 18 | 19 |
| 20      | 21 | 22 | 23 | 24 | 25 | 26 |
| 27      | 28 | 29 | 30 | 31 |    |    |

| February |    |    |    |    |    |    |
|----------|----|----|----|----|----|----|
| Su       | M  | Tu | W  | Th | F  | Sa |
|          |    |    |    |    | 1  | 2  |
| 3        | 4  | 5  | 6  | 7  | 8  | 9  |
| 10       | 11 | 12 | 13 | 14 | 15 | 16 |
| 17       | 18 | 19 | 20 | 21 | 22 | 23 |
| 24       | 25 | 26 | 27 | 28 |    |    |

| March |    |    |    |    |    |    |
|-------|----|----|----|----|----|----|
| Su    | M  | Tu | W  | Th | F  | Sa |
|       |    |    |    |    | 1  | 2  |
| 3     | 4  | 5  | 6  | 7  | 8  | 9  |
| 10    | 11 | 12 | 13 | 14 | 15 | 16 |
| 17    | 18 | 19 | 20 | 21 | 22 | 23 |
| 24    | 25 | 26 | 27 | 28 | 29 | 30 |
| 31    |    |    |    |    |    |    |

| April |    |    |    |    |    |    |
|-------|----|----|----|----|----|----|
| Su    | M  | Tu | W  | Th | F  | Sa |
|       | 1  | 2  | 3  | 4  | 5  | 6  |
| 7     | 8  | 9  | 10 | 11 | 12 | 13 |
| 14    | 15 | 16 | 17 | 18 | 19 | 20 |
| 21    | 22 | 23 | 24 | 25 | 26 | 27 |
| 28    | 29 | 30 |    |    |    |    |

| May |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|
| Su  | M  | Tu | W  | Th | F  | Sa |
|     |    | 1  | 2  | 3  | 4  |    |
| 5   | 6  | 7  | 8  | 9  | 10 | 11 |
| 12  | 13 | 14 | 15 | 16 | 17 | 18 |
| 19  | 20 | 21 | 22 | 23 | 24 | 25 |
| 26  | 27 | 28 | 29 | 30 | 31 |    |

| June |    |    |    |    |    |    |
|------|----|----|----|----|----|----|
| Su   | M  | Tu | W  | Th | F  | Sa |
|      |    |    |    |    |    | 1  |
| 2    | 3  | 4  | 5  | 6  | 7  | 8  |
| 9    | 10 | 11 | 12 | 13 | 14 | 15 |
| 16   | 17 | 18 | 19 | 20 | 21 | 22 |
| 23   | 24 | 25 | 26 | 27 | 28 | 29 |
| 30   |    |    |    |    |    |    |

| July |    |    |    |    |    |    |
|------|----|----|----|----|----|----|
| Su   | M  | Tu | W  | Th | F  | Sa |
|      | 1  | 2  | 3  | 4  | 5  | 6  |
| 7    | 8  | 9  | 10 | 11 | 12 | 13 |
| 14   | 15 | 16 | 17 | 18 | 19 | 20 |
| 21   | 22 | 23 | 24 | 25 | 26 | 27 |
| 28   | 29 | 30 | 31 |    |    |    |

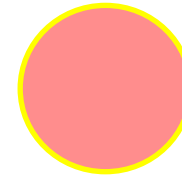
| August |    |    |    |    |    |    |
|--------|----|----|----|----|----|----|
| Su     | M  | Tu | W  | Th | F  | Sa |
|        |    |    |    | 1  | 2  | 3  |
| 4      | 5  | 6  | 7  | 8  | 9  | 10 |
| 11     | 12 | 13 | 14 | 15 | 16 | 17 |
| 18     | 19 | 20 | 21 | 22 | 23 | 24 |
| 25     | 26 | 27 | 28 | 29 | 30 | 31 |

| September |    |    |    |    |    |    |
|-----------|----|----|----|----|----|----|
| Su        | M  | Tu | W  | Th | F  | Sa |
| 1         | 2  | 3  | 4  | 5  | 6  | 7  |
| 8         | 9  | 10 | 11 | 12 | 13 | 14 |
| 15        | 16 | 17 | 18 | 19 | 20 | 21 |
| 22        | 23 | 24 | 25 | 26 | 27 | 28 |
| 29        | 30 |    |    |    |    |    |

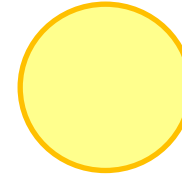
| October |    |    |    |    |    |    |
|---------|----|----|----|----|----|----|
| Su      | M  | Tu | W  | Th | F  | Sa |
|         |    | 1  | 2  | 3  | 4  | 5  |
| 6       | 7  | 8  | 9  | 10 | 11 | 12 |
| 13      | 14 | 15 | 16 | 17 | 18 | 19 |
| 20      | 21 | 22 | 23 | 24 | 25 | 26 |
| 27      | 28 | 29 | 30 | 31 |    |    |

| November |    |    |    |    |    |    |
|----------|----|----|----|----|----|----|
| Su       | M  | Tu | W  | Th | F  | Sa |
|          |    |    |    |    | 1  | 2  |
| 3        | 4  | 5  | 6  | 7  | 8  | 9  |
| 10       | 11 | 12 | 13 | 14 | 15 | 16 |
| 17       | 18 | 19 | 20 | 21 | 22 | 23 |
| 24       | 25 | 26 | 27 | 28 | 29 | 30 |

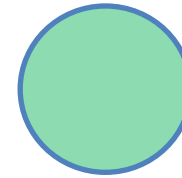
| December |    |    |    |    |    |    |
|----------|----|----|----|----|----|----|
| Su       | M  | Tu | W  | Th | F  | Sa |
| 1        | 2  | 3  | 4  | 5  | 6  | 7  |
| 8        | 9  | 10 | 11 | 12 | 13 | 14 |
| 15       | 16 | 17 | 18 | 19 | 20 | 21 |
| 22       | 23 | 24 | 25 | 26 | 27 | 28 |
| 29       | 30 | 31 |    |    |    |    |



Barangay

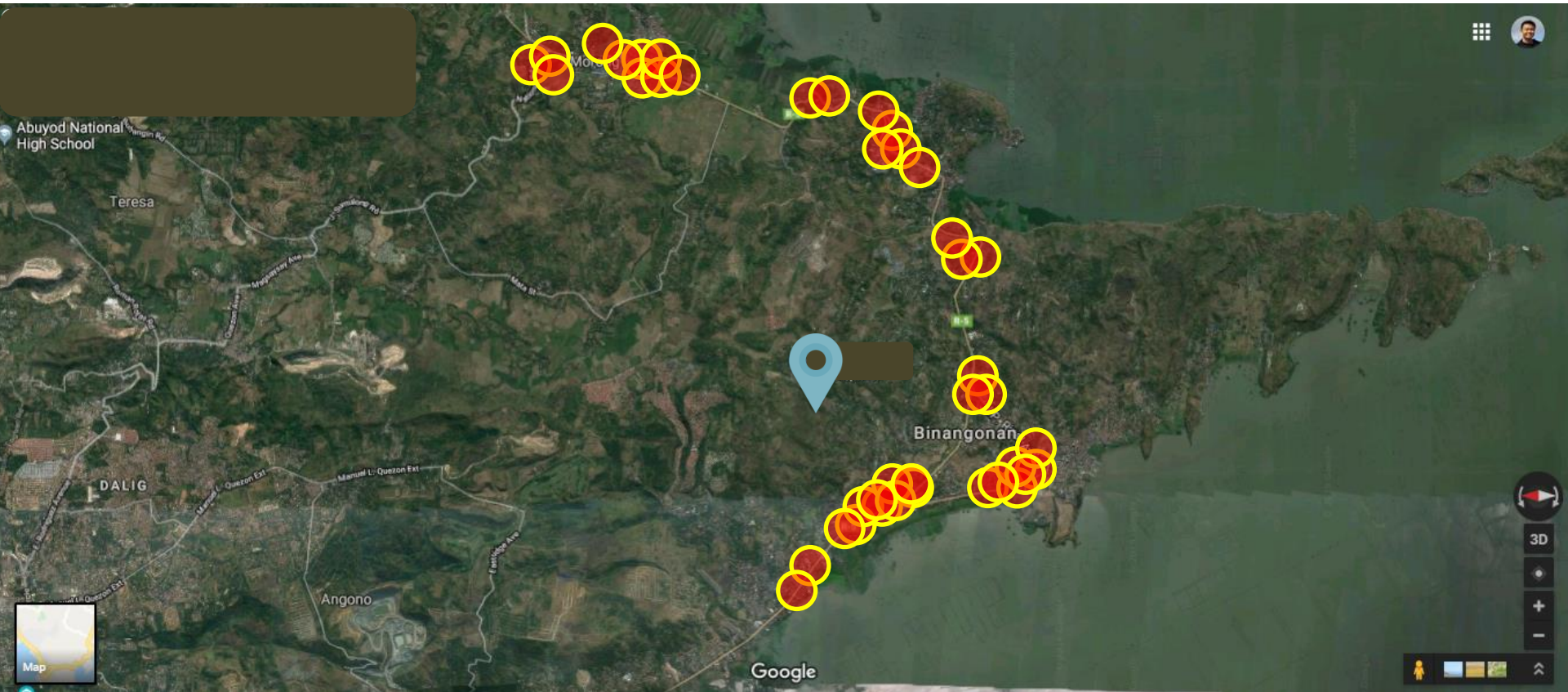


Municipality

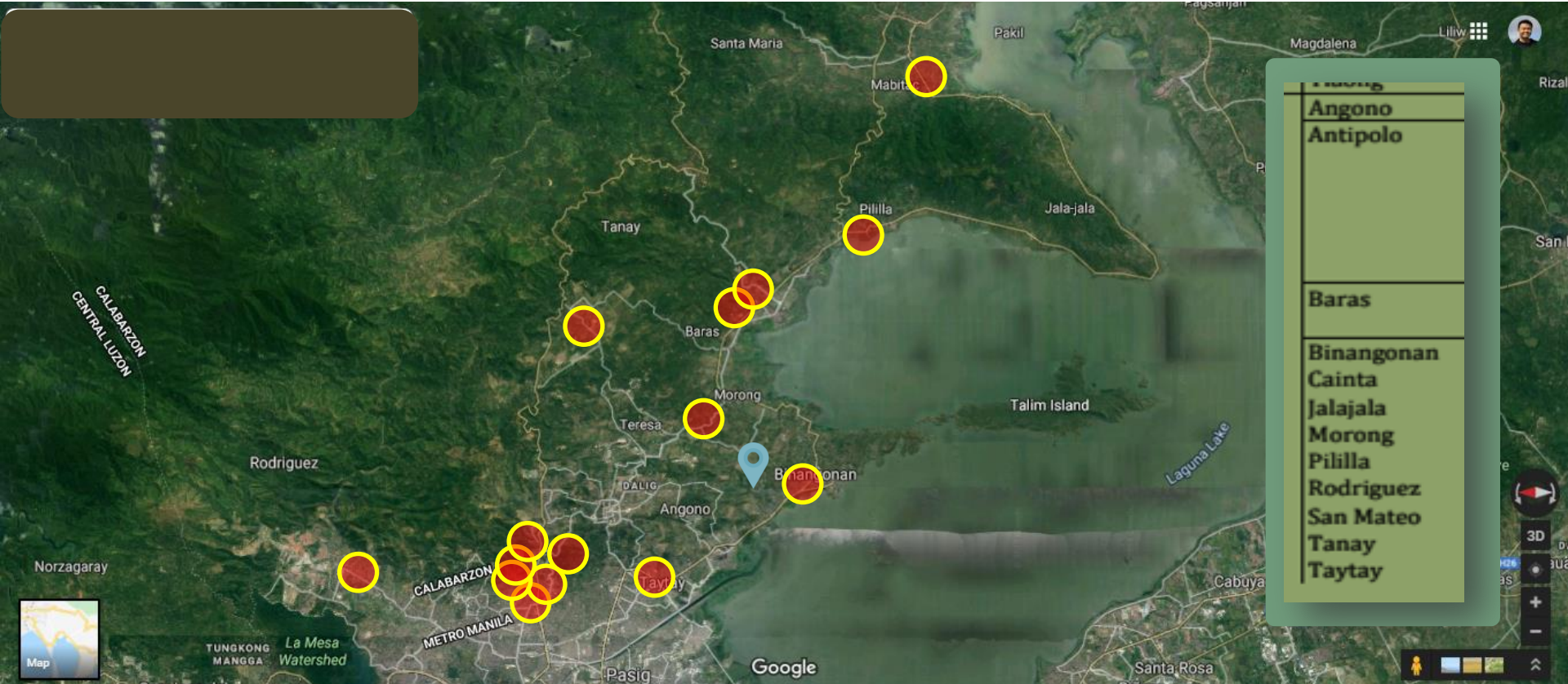


Province

# Market, Meatshop, Feeds Supply



# Slaughterhouses







**Open  
Communication  
And Cooperation**

# Rivers






# Questions

- How do you plan on developing a Biosecurity Mindset in your farm?
- What can be done in order to reach more people?
- How can cooperation and open communication between everyone be fostered?



# Thank You



“When something is important enough,  
you do it even if the odds are not in  
your favor.”

-- Elon Musk