



## **DOH Geographic Information and GIS guidelines and protocols**

# **Protocol for the collection of the geographic coordinate of a health facility using DOH's Geographic Form and an Android phone/tablet equipped with a GPS receiver**

**Version 2.7 (05.12.2016)**



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# 1. Introduction

This document describes the steps to be followed in order to fill the Geographic Form (Annex A in this document) when using an Android phone or tablet equipped with a GPS receiver.

Please refer to one of the other DOH protocols would you be using a GPS device [1,2] or Google Map [3] to collect the geographic location of a health facility.

Annex 2 and 3 mentioned in this protocol refers to region specific documents that have been distributed to the DOH Regional Offices in the context of the data collection and management workshop organized in October 2012, January and March 2013. The latest version of these Annexes can be downloaded from the following URL (will be moved to DOH server soon): [http://www.gaia-geosystems.org/PROJECTS/PHL/HF\\_PROTOCOLS/HF\\_protocols\\_Annexes.htm](http://www.gaia-geosystems.org/PROJECTS/PHL/HF_PROTOCOLS/HF_protocols_Annexes.htm).

Please also note that Annex 1 is not used anymore as the content of this document has now been fully integrated into the National Health Facility Registry (NHFR, <http://nhfr.doh.gov.ph>).

## **Installation of GPS Essentials**

Before being able to use your Android phone/tablet for the process described here you first need to make sure that it is equipped with a GPS receiver (from the settand to install the *free* Android application called GPS Essentials (*This app is also available for Windows phone.*)).

To install this application, you just need to:

1. Go to the Google Play Store on your phone/tablet (or Windows Phone Store for Windows phones).
2. Search for “GPS Essentials”. The logo for this application looks as follows:
3. Install the application. (*Version 4.4.8 will be used in this protocol*)



More information about this application as well as the user manual can be downloaded from: <http://www.gpsessentials.com/>

## 2. Data collection protocol

Please follow the instructions reported here below to fill the different fields of the Geographic Form (Annex A) using your android phone/tablet equipped with a GPS receiver.

### **Q1 NAME OF THE FACILITY**

**Q1a** Write the official name of the facility, including the health facility type, in full in this field.

**Q1b** Use the National Health Facility Registry (NHFR) web site (<http://nhfr.doh.gov.ph>) to see if an official DOH code has already been

attributed to the facility.

If this is the case, please enter this numeric part of the code (without the "DOH00000" part) in field Q1b of the Geographic Form. Please be careful that facilities of different types (BHS, RHU) might actually present the same name. Therefore make sure you are selecting the right facility when attributing the code.

If the facility in question is not in the National Health Facility Registry (NHFR), or if you are not sure, let this field empty.

*Example:* The example below illustrates how the facility name and code for the La Viña General Hospital, Inc., located in the province of Bukidnon, Region 10, will appear in the Geographic Form:

Q1a. Official Name of the Health facility (including health facility type)	<i>La Viña General Hospital, Inc.</i>
Q1b Official DOH Health facility code as per NHFR (leave blank if no code attributed for the moment):	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

## Q2 ADDRESS OF THE HEALTH FACILITY

**Q2a** Write the building name and number in this field. No other information such as the name of the street or the Municipality/City or the Barangay name should appear in this field.

If the building in which the facility is located has no name/number then "NA" (standing for "Not Applicable") should be mentioned in this field.

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**Q2b** Write the street name and number in this field. No other information such as the name of the Municipality/City or the Barangay should appear in this field.

If the facility is located in a place for which there is no street name/number then "NA" (standing for "Not Applicable") should be mentioned in this field.

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**Q2c** Write the 4 digits official postal code (zip code) attached to the municipality in which the facility is located.

If unknown during data collection, this code can be identified using the PhilPost web site: <https://www.phlpost.gov.ph/zip-code-search.php> or the following page on NSCB's web site: <http://www.nscb.gov.ph/activestats/zipcode/default.asp> (!!! The name of the municipalities on these sites is not always complying with the official NSCB spelling!!!).

*Example:* The example below illustrates how the information for the La Viña General Hospital, Inc., is entered in the fields Q2a, Q2b and Q2c of the Geographic form:

Q2a. Building number and name	NA
Q2b. Street number and name	ML. Quezon St.
Q2c. Postal code	8709

**Q2d, Q2e, Q2f, Q2g, Q2h** Use Annex 2 corresponding to the region in which the facility is located in order to enter the information for fields Q2d to Q2h in the form.

When doing this please make sure to carefully respect the spelling and code (including the “0” in front of it in some cases).


*Example:* The example below illustrates how the information for the La Viña General Hospital, Inc., is entered in the form:

Q2d. Official name of the Region as per the PSGC	REGION X (NORTHERN MINDANAO)
Q2e. Official name of the Province as per the PSGC	BUKIDNON
Q2f. Official name of the Municipality/City as per the PSGC	CITY OF VALENCIA
Q2g. Official name of the Barangay name as per the PSGC	POBLACION
Q2h. Official Barangay PSGC code	101321024

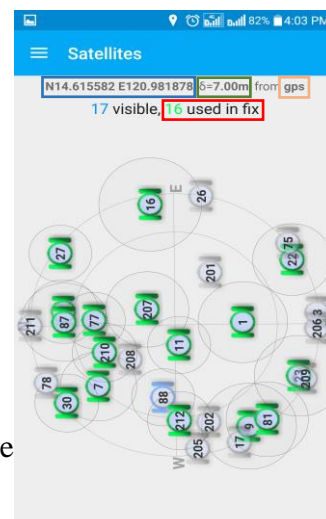
### Q3 FACILITY GEOGRAPHIC CO-ORDINATES

**Q3a to Q3h** Follow the steps below using your Android phone/tablet to obtain the necessary information for fields Q3a to Q3f. Please refer to the Android phone and GPS Essentials user manual for more information about the functionalities of the device and application.

Step	Action
1	Once you have arrived at the health facility to be located, find an open space, turn the GPS option of your phone on and open the GPS Essentials application.

2	<p>Go to the “Settings” page through the icon presented on the figure below and fix the settings for the following 3 components as presented in the figures below:</p> <ul style="list-style-type: none"> <li>- Units =&gt; Meters (SI)</li> <li>- Position datum =&gt; World Geodetic System 1984</li> <li>- Position format =&gt; Decimal</li> </ul> <div data-bbox="657 448 1437 1447">  <div data-bbox="657 788 1031 1447"> <p><b>Position Datum</b></p> <p>ZANDERIJ, Suriname <input type="radio"/></p> <p>KOREAN GEO DATUM 1995, S Korea <input type="radio"/></p> <p>SIRGAS, South America <input type="radio"/></p> <p>EUROPEAN 1950, Mean (7 Param) <input type="radio"/></p> <p>ORDNANCE GB 1936, Mean (7 Para) <input type="radio"/></p> <p>Petroleum Development Oman 1993 <input type="radio"/></p> <p><b>World Geodetic System 1984 <input checked="" type="radio"/></b></p> <p>World Geodetic System 1972 <input type="radio"/></p> <p>NORTH AMERICAN 1983, CONUS <input type="radio"/></p> <p>Cancel</p> </div> <div data-bbox="1061 448 1437 938"> <p><b>Position Format</b></p> <p>Degrees, Minutes, Seconds <input type="radio"/></p> <p>Degrees, Minutes, Fractions <input type="radio"/></p> <p><b>Decimal <input checked="" type="radio"/></b></p> <p>UTM <input type="radio"/></p> <p>MGRS <input type="radio"/></p> <p>OSGB36 <input type="radio"/></p> <p>Cancel</p> </div> <div data-bbox="1061 965 1437 1447"> <p><b>Units</b></p> <p>Kilometers, Meters <input type="radio"/></p> <p>Miles, Yards, Feet <input type="radio"/></p> <p>Miles, Feet <input type="radio"/></p> <p>Nautical Miles, Feet <input type="radio"/></p> <p>Nautical Miles, Meters <input type="radio"/></p> <p><b>Meters (SI) <input checked="" type="radio"/></b></p> <p>Cancel</p> </div> </div>
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5	<p>On the “Satellites” page make sure the reading is taken by the GPS receiver and not a nearby wifi connection (element in orange on the side figure here) and then wait for:</p> <ul style="list-style-type: none"> <li>- At least 4 satellite signals to be used in the fix (element in red in the side)</li> <li>- The accuracy reading to be below 15 meters (green element in the side figure)</li> </ul> <p>In the example presented here below, the accuracy is of 7 meters with 16 satellite signals received.</p> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>N14.615582 E120.981878, <math>\delta</math>=7.00m, from gps</p> <p>17 visible, 16 used in fix</p> </div>										
6	<p>Once the accuracy value is below 15 meters with at least 4 satellite signals, write down the number of satellite signals and accuracy in fields Q3a and Q3b of the Geographic Form as presented here:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; padding: 5px;"><b>Q3a. Number of satellite signals received</b></td><td style="padding: 5px; text-align: center;"> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; line-height: 30px; margin: 2px;">1</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; line-height: 30px; margin: 2px;">6</div> </td></tr> <tr> <td style="padding: 5px;"><b>Q3b. Accuracy</b></td><td style="padding: 5px; text-align: center;"> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; line-height: 30px; margin: 2px;">0</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; line-height: 30px; margin: 2px;">7</div>          meters       </td></tr> </table>	<b>Q3a. Number of satellite signals received</b>	<div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; line-height: 30px; margin: 2px;">1</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; line-height: 30px; margin: 2px;">6</div>	<b>Q3b. Accuracy</b>	<div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; line-height: 30px; margin: 2px;">0</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; line-height: 30px; margin: 2px;">7</div> meters						
<b>Q3a. Number of satellite signals received</b>	<div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; line-height: 30px; margin: 2px;">1</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; line-height: 30px; margin: 2px;">6</div>										
<b>Q3b. Accuracy</b>	<div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; line-height: 30px; margin: 2px;">0</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; line-height: 30px; margin: 2px;">7</div> meters										
7	<p>Temporarily write down the latitude and longitude you have on the screen (element in blue in the figure reported under point 5).</p>										
8	<p>Verify that the coordinates are within the range of the Municipality/City in which the health facility is located using the information reported in Annex 3.</p> <p><i>In the example used above, the coordinates are falling within the City of Manila.</i></p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">Name Municipality</th><th style="padding: 5px;">Min_long</th><th style="padding: 5px;">Max_long</th><th style="padding: 5px;">Min_lat</th><th style="padding: 5px;">Max_lat</th></tr> </thead> <tbody> <tr> <td style="padding: 5px;">Manila</td><td style="padding: 5px;">120.9322224</td><td style="padding: 5px;">121.033697</td><td style="padding: 5px;">14.55053068</td><td style="padding: 5px;">14.64849991</td></tr> </tbody> </table>	Name Municipality	Min_long	Max_long	Min_lat	Max_lat	Manila	120.9322224	121.033697	14.55053068	14.64849991
Name Municipality	Min_long	Max_long	Min_lat	Max_lat							
Manila	120.9322224	121.033697	14.55053068	14.64849991							



9	<p>If this is the case, write the coordinates in fields Q3c and Q3d in the Geographic Form and then complete field Q3e with the location where you took the reading and the mention “None” in field Q3f as per the following example:</p> <table border="1" data-bbox="611 376 1471 990"> <tr> <td data-bbox="611 376 970 517">Q3c. Latitude (Decimal degrees):</td><td data-bbox="970 376 1471 517"> <div>1</div><div>4</div><div>.</div><div>6</div><div>1</div><div>5</div><div>5</div><div>8</div> </td></tr> <tr> <td data-bbox="611 517 970 658">Q3d. Longitude (Decimal degrees):</td><td data-bbox="970 517 1471 658"> <div>1</div><div>2</div><div>0</div><div>.</div><div>9</div><div>8</div><div>1</div><div>8</div><div>7</div> </td></tr> <tr> <td data-bbox="611 658 970 837">Q3. Waypoint (Circle one option)</td><td data-bbox="970 658 1471 837"> <div>1</div> in front of the main door of the health facility  2. on the roof  3. Nearby location (for example, a park or communal space) </td></tr> <tr> <td data-bbox="611 837 970 990">Q3f: Comments regarding the GPS reading:</td><td data-bbox="970 837 1471 990">None</td></tr> </table> <p>If the coordinates do not fall within the ranges reported in Annex 3:</p> <ul style="list-style-type: none"> <li>- verify again the units of the device (step 2)</li> <li>- Take a new reading</li> </ul> <p>If the co-ordinates continue to fall outside of the ranges reported in Annex 3:</p> <ul style="list-style-type: none"> <li>- write the co-ordinate in fields Q3c and Q3d</li> <li>- complete field Q3e with the location where you took the reading</li> <li>- mention “Co-ordinate falls outside of the range” in field Q3f as per the following example:</li> </ul> <table border="1" data-bbox="611 1503 1442 1581"> <tr> <td data-bbox="611 1503 959 1581">Q3f: Comments regarding the GPS reading:</td><td data-bbox="959 1503 1442 1581">Co-ordinate falls outside of the range</td></tr> </table>	Q3c. Latitude (Decimal degrees):	<div>1</div> <div>4</div> <div>.</div> <div>6</div> <div>1</div> <div>5</div> <div>5</div> <div>8</div>	Q3d. Longitude (Decimal degrees):	<div>1</div> <div>2</div> <div>0</div> <div>.</div> <div>9</div> <div>8</div> <div>1</div> <div>8</div> <div>7</div>	Q3. Waypoint (Circle one option)	<div>1</div> in front of the main door of the health facility 2. on the roof 3. Nearby location (for example, a park or communal space)	Q3f: Comments regarding the GPS reading:	None	Q3f: Comments regarding the GPS reading:	Co-ordinate falls outside of the range
Q3c. Latitude (Decimal degrees):	<div>1</div> <div>4</div> <div>.</div> <div>6</div> <div>1</div> <div>5</div> <div>5</div> <div>8</div>										
Q3d. Longitude (Decimal degrees):	<div>1</div> <div>2</div> <div>0</div> <div>.</div> <div>9</div> <div>8</div> <div>1</div> <div>8</div> <div>7</div>										
Q3. Waypoint (Circle one option)	<div>1</div> in front of the main door of the health facility 2. on the roof 3. Nearby location (for example, a park or communal space)										
Q3f: Comments regarding the GPS reading:	None										
Q3f: Comments regarding the GPS reading:	Co-ordinate falls outside of the range										
10	<p>Write down:</p> <ul style="list-style-type: none"> <li>- your full name in field Q3g;</li> <li>- The Brand and model of the Android device you used in field Q3h;</li> </ul>										
11	<p>Move to the next health facility and repeat steps 1 to 10 until you have taken a GPS coordinates for each of the health facility you are in charge of covering.</p>										



### 3. Sharing the data with the DOH

Once the data collected, the content of the Health Facility Geo form can be sent back to the DOH in two formats:

1. Paper by sending the original forms used during the data collection in the field;
2. Electronic by entering the collected information into an excel file.

If you chose option 1, please first make a rapid check that all the forms are completely filled before sending them to the DOH as this will reduce the amount of work on both DOH and your side.

If you choose option 2, the information has to be organized as per the example presented in Annex B in this document. This template can be downloaded in excel format from here (file to be moved to DOH server soon): [www.gaia-geosystems.org/PROJECTS/PHL/HF\\_PROTOCOLS/Template\\_geographic\\_form Android.xlsx](http://www.gaia-geosystems.org/PROJECTS/PHL/HF_PROTOCOLS/Template_geographic_form_Android.xlsx).

When generating this file, please make sure that (see example in Annex B for reference):

- All the information has been entered in the template and that the protocol here has been applied in case the information would be missing for a particular field;
- For each specific field:
  - o Collection date: please indicate the date of collection of the reading as per the format reported in Annex B;
  - o Health facility name: The official and complete name of the facility (including health facility type) is mentioned;
  - o DOH facility code: The official code from the online National Health Facility Registry (NHFR, <http://nhfr.doh.gov.ph>) is being used;
  - o Building number name: no other information than the building number name are reported in this field (e.g. no mention of the Region, Province, Municipality/City and/or Barangay name);
  - o Street number and name: no other information than the street number and name are reported in this field (e.g. no mention of the Region, Province, Municipality/City and/or Barangay name);
  - o Postal code: the code has been checked using the two web sites mentioned for field Q2b here above;
  - o Region name: you have added the name of the region in this column;
  - o Province name / Municipality name / Barangay name: The spelling used here is the official one coming from Annex 2;
  - o Barangay code: The official code from Annex 2 is reported here. This column has to be formatted as text in order to capture the “0” appearing at the beginning of the sequence in some Regions;
  - o Latitude and Longitude: coordinates are expressed in decimal degrees with 5 digits;
  - o Source lat/long: The source of the latitude/longitude is indicated as “AND” (stands for Android);
  - o Accuracy: The accuracy reading from the GPS expressed in meters;
  - o Waypoint: The indication of the location of the reading is indicated as per the present protocol;
  - o Comments GPS: you have written here any comments you could have regarding the reading (lat/long outside of the box from Annex 3, waypoint far from facility, difficulties to take the reading,...).

- Comments GPS: you have written here any comments you could have regarding the reading (lat/long outside of the box from Annex 3, waypoint far from facility, difficulties to take the reading).
- Name of the Android operator: Full name of the person who took the coordinates using the Android device
- Brand and Model of the Android device: complete brand name and model of the android device used

## References

- [1] Department of Health (2014): Protocol for the collection of the geographic coordinate of a health facility using DOH's Geographic Form and the Garmin GPS MAP 60CSx device.
- [2] Department of Health (2014): Protocol for the collection of the geographic coordinate of a health facility using DOH's Geographic Form and the Garmin Oregon 650 device
- [3] Department of Health (2014): Protocol for the collection of the geographic coordinate of a health facility using DOH's Geographic Form and Google Map. Version 1.0 (01.16.2014)

## Annex A – DOH Geographic Form for GPS devices

### Q1 NAME OF THE FACILITY

<b>Q1a. Official Name of the Health facility (including health facility type)</b>	
<b>Q1b Official DOH Health facility code as per NHFR (leave blank if no code attributed for the moment):</b>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

### Q2 ADDRESS OF THE HEALTH FACILITY

<b>Q2a. Building name and number</b>	
<b>Q2b. Street name and number</b>	
<b>Q2c. Postal code</b>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<b>Q2d. Official name of the Region as per the PSGC</b>	
<b>Q2e. Official name of the Province as per the PSGC</b>	
<b>Q2f. Official name of the Municipality/City as per the PSGC</b>	
<b>Q2g. Official name of the Barangay name as per the PSGC</b>	
<b>Q2h. Official Barangay PSGC code</b>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

### Q3 FACILITY GEOGRAPHIC CO-ORDINATES

<b>Q3a. Number of satellite signals received</b>	<input type="text"/> <input type="text"/>
<b>Q3b. Accuracy</b>	<input type="text"/> <input type="text"/> meters
<b>Q3c. Latitude (Decimal degrees):</b>	<input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<b>Q3d. Longitude (Decimal degrees):</b>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<b>Q3. Waypoint</b> (Circle one option)	<p>1. In front of the main door of the health facility</p> <p>2. on the roof</p> <p>3. Nearby location (for example, a park or communal space)</p>
<b>Q3f: Comments regarding the GPS reading:</b>	
<b>Q3g: Name of the Android operator</b>	
<b>Q3h: Brand and model of the Android device</b>	

## Annex B –Structure of the excel file to be sent back to the DOH

Collection date	Health facility name	DOH facility code	Building number and name	Street number and name	Postal code	Region name	Province name	Municipality name	Barangay name	Barangay code	Latitude	Longitude	Source_lat_long	Number of satellite Signal	Accuracy	Waypoint	Comments GPS	Name of the Android operator	Brand and model of the Android device
10-12-12	ALCANTARA RURAL HEALTH UNIT	1399	NA	NA	6033	REGION VII	CEBU	ALCANTARA	POBLACION	072201007	9.97036	123.4024	AND	10	9.7	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	ALEGRIA RURAL HEALTH UNIT	7670	NA	NA	6030	REGION VII	CEBU	ALEGRIA	POBLACION	072203007	9.72951	123.33949	AND	9	9.2	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	BADIAN RURAL HEALTH UNIT	2971	NA	NA	6031	REGION VII	CEBU	BADIAN	POBLACION	072207020	9.86547	123.39327	AND	10	9.6	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	BALURI RURAL HEALTH UNIT	1454	NA	NA	6036	REGION VII	CEBU	BARILI	POBLACION	072210038	10.11565	123.50997	AND	9	9.2	2	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	DUMANJUG RURAL HEALTH UNIT	6660	NA	NA	6035	REGION VII	CEBU	DUMANJUG	POBLACION	072224039	10.05895	123.43551	AND	11	9.6	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	GINATILAN RURAL HEALTH UNIT	7668	NA	NA	6028	REGION VII	CEBU	GINATILAN	POBLACION	072225012	9.56988	123.312	AND	10	9.4	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	MALABUYOC RURAL HEALTH UNIT	4618	NA	NA	6029	REGION VII	CEBU	MALABUYOC	BARANGAY I (POB.)	072229015	9.65667	123.32608	AND	9	9.4	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	MOALBOAL RURAL HEALTH UNIT	7669	NA	NA	6032	REGION VII	CEBU	MOALBOAL	POBLACION EAST	072223010	9.9364	123.39281	AND	11	9.7	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	RONDA RURAL HEALTH UNIT	1983	NA	NA	6034	REGION VII	CEBU	RONDA	POBLACION	072239011	10.00051	123.40961	AND	10	9.6	3	Reading taken on the nearby parking	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	SAMBOAN RURAL HEALTH UNIT	2032	NA	NA	6027	REGION VII	CEBU	SAMBOAN	POBLACION	072240011	9.52916	123.30664	AND	11	9.2	2	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	ALCOY RURAL HEALTH UNIT	1437	NA	NATIONAL HIGHWAY	6023	REGION VII	CEBU	ALCOY	POBLACION	072202006	9.70925	123.50729	AND	11	9.3	3	Reading taken 10 meters away from the facility	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	BOLIJON RURAL HEALTH UNIT	7249	NA	NATIONAL HIGHWAY	6024	REGION VII	CEBU	BOLIJON	POBLACION	072212005	9.62875	123.47986	AND	10	9.5	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	BORBON RURAL HEALTH UNIT	1458	NA	NA	6008	REGION VII	CEBU	BORBON	POBLACION	072213015	10.88766	124.02753	AND	10	9.5	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	CARMEN RURAL HEALTH UNIT	7262	NA	NA	6005	REGION VII	CEBU	CARMEN	POBLACION	072215016	10.58881	124.0162	AND	9	9.1	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	CATMON RURAL HEALTH UNIT	5776	NA	NA	6006	REGION VII	CEBU	CATMON	POBLACION	072216019	10.72265	124.01185	AND	11	9.1	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	CONSOLACION RURAL HEALTH UNIT	2890	NA	NA	6001	REGION VII	CEBU	CONSOLACION	POBLACION OCCIDENTAL	072219013	10.37651	123.95548	AND	10	9.4	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	MALUNGIN BARANGAY HEALTH STATION	15099	NA	NA	6013	REGION VII	CEBU	DAANBANTAYAN	MALUNGIN	072221012	11.219	124.01289	AND	11	9.1	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	DAANBANTAYAN RURAL HEALTH UNIT I	5321	NA	NA	6013	REGION VII	CEBU	DAANBANTAYAN	POBLACION	072221016	11.25073	123.99672	AND	11	9.1	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	MEDELLIN RURAL HEALTH UNIT	3245	NA	NA	6012	REGION VII	CEBU	MEDELLIN	POBLACION	072231014	11.13814	123.96175	AND	10	9	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	MINGLANILLA RURAL HEALTH UNIT II	1897	NA	LIPATA STREET	6046	REGION VII	CEBU	MINGLANILLA	LINAO	072232007	10.25576	123.80998	AND	10	9.5	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	MINGLANILLA RURAL HEALTH UNIT I	1465	NA	NA	6046	REGION VII	CEBU	MINGLANILLA	POBLACION WARD IV	072232013	10.24579	123.79552	AND	10	9.3	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	OSLOB RURAL HEALTH UNIT	4734	NA	SAN JOSE STREET	6025	REGION VII	CEBU	OSLOB	POBLACION	072235020	9.52043	123.43307	AND	10	9	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	SANTANDER RURAL HEALTH UNIT	903	NA	NATIONAL ROAD	6026	REGION VII	CEBU	SANTANDER	POBLACION	072245008	9.41705	123.3349	AND	10	8.6	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	SIBONGA RURAL HEALTH UNIT	4953	NA	NA	6020	REGION VII	CEBU	SIBONGA	POBLACION	072246021	10.0168	123.62104	AND	10	9.5	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	SOGOD RURAL HEALTH UNIT	3846	NA	NA	6007	REGION VII	CEBU	SOGOD	POBLACION	072247016	10.74711	124.00234	AND	10	7.4	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	TABOGON RURAL HEALTH UNIT	4662	NA	NA	6009	REGION VII	CEBU	TABOGON	POBLACION	072248018	10.93972	124.02554	AND	7	7.3	2	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	SAN REMEGIO RURAL HEALTH UNIT	3830	NA	NA	6011	REGION VII	CEBU	SAN REMIGIO	POBLACION	072243020	11.0844	123.93526	AND	9	8.8	1	None	Gerald Aquinaldo	Samsung Galaxy S4
10-12-12	TABUELAN RURAL HEALTH UNIT	4902	NA	NA	6044	REGION VII	CEBU	TABUELAN	POBLACION	072249016	10.82051	123.86578	AND	9	9.8	1	None	Gerald Aquinaldo	Samsung Galaxy S4