

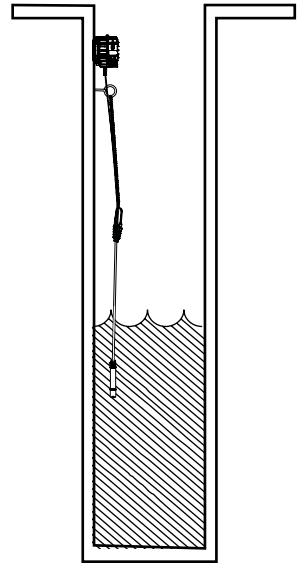
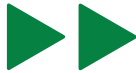
WAVELET

GROUNDWATER

LEVEL KIT

QUICK START

GUIDE



IMPORTANT



Contact **AYYEKA SUPPORT** for technical support at +1 (310) 876-8040.



ALWAYS COORDINATE Wavelet Groundwater Level Kit installation with the local authority before starting installation works, which should be completed by trained and authorized personnel.



The **WARRANTY** offered by Ayyeka covers only Ayyeka supplied hardware and software for the duration of the warranty period as per the warranty terms and conditions.



AYYEKA IS NOT LIABLE for damage or injury as a result of handling, installation or maintenance of its supplied systems.



FOR YOUR SAFETY, the Wavelet Groundwater Level Kit is designed to be installed from above without requiring entrance into the manhole chamber. Ensure all the field personnel are properly secured per local safety requirements and regulations.



DO NOT THROW AWAY the Wavelet Groundwater Level Kit, as it contains a lithium battery. Please dispose of properly.



OPERATING TEMPERATURE range of 23°F to 140°F (-5°C to +60°C).

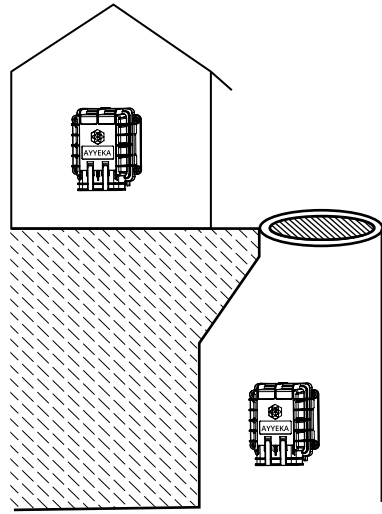
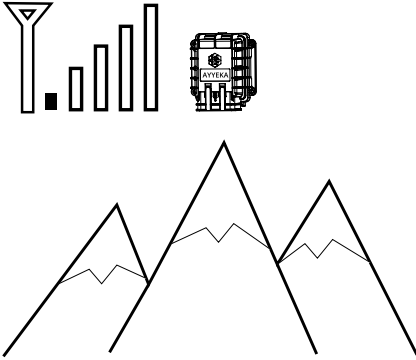


2G/3G/CDMA cellular network signal.



SERVICE THE SENSOR according to manufacturer's instructions.

NOTE: Special Installation Locations



WEAK CELLULAR SERVICE LOCATIONS:

If the Wavelet is installed in an area with weak cellular reception, activate the Wavelet and place in the intended installation location with closed doors/ access hatch.

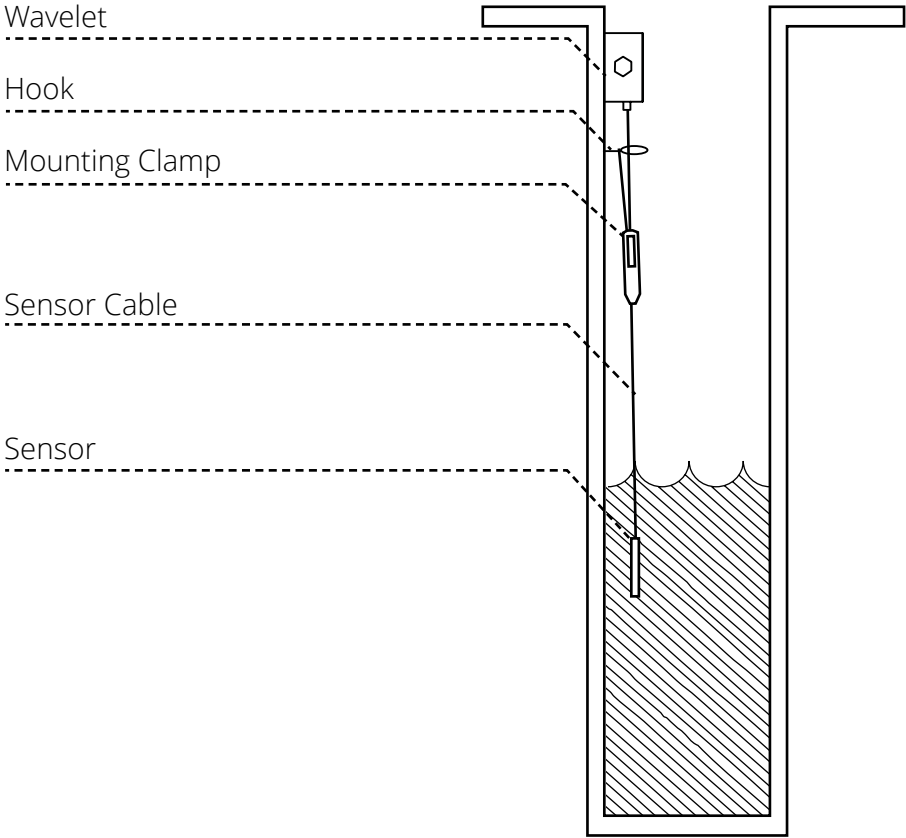
Log in to home.ayyeka.com to ensure that cellular signal has been recently updated in the last few minutes.

UNDERGROUND/INDOOR WAVELET INSTALLATIONS:

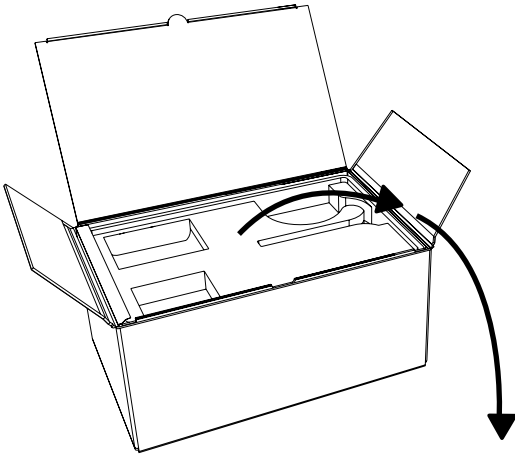
Before installation, activate the GPS outside by turning on the Wavelet (see step 5).

Wait for at least 8 minutes, then log in to the user interface at home.ayyeka.com to confirm updated location on the map.

SCHEMATIC

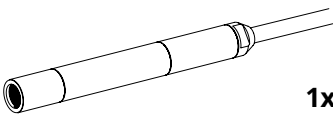


GETTING STARTED



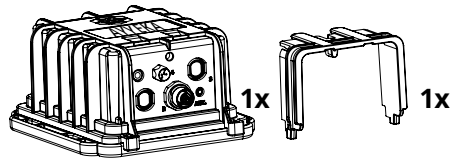
WAVELET GROUNDWATER LEVEL KIT

1 ▶ Submersible Hydrostatic Sensor & Cable



1x

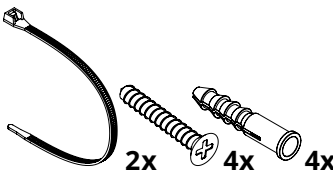
2 ▶ Wavelet Device & Protector



1x

1x

3 ▶ Zip Ties, Screws & Anchors

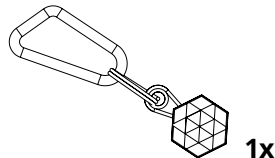


2x

4x

4x

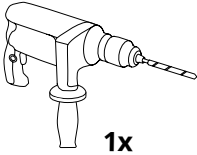
4 ▶ Wavelet Activator



1x

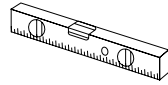
Tools and/or materials required (not included):

Rotary Hammer



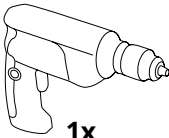
1x

Level



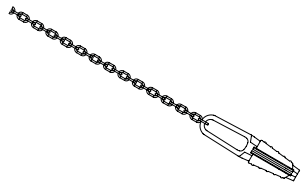
1x

Electric Screw Driver



1x

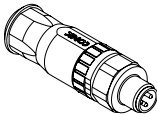
Mounting Clamp



1x

5

M8 Male Power Connector (optional, see page 15)



1x

6

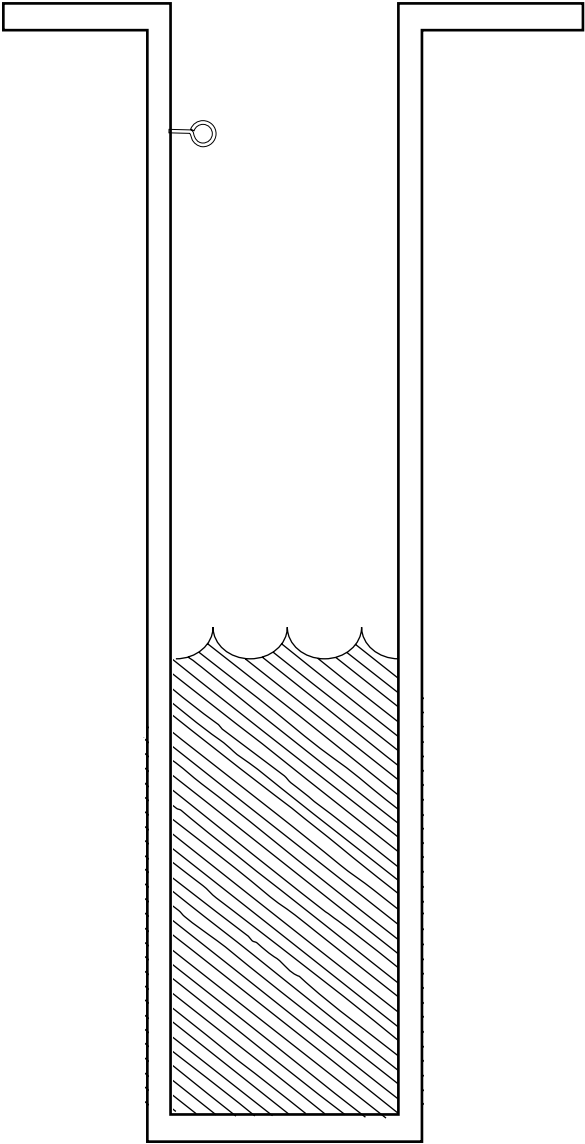
Stainless Steel Hook



1x

INSTALLATION

- 1 Secure the hook in the wall of the well.



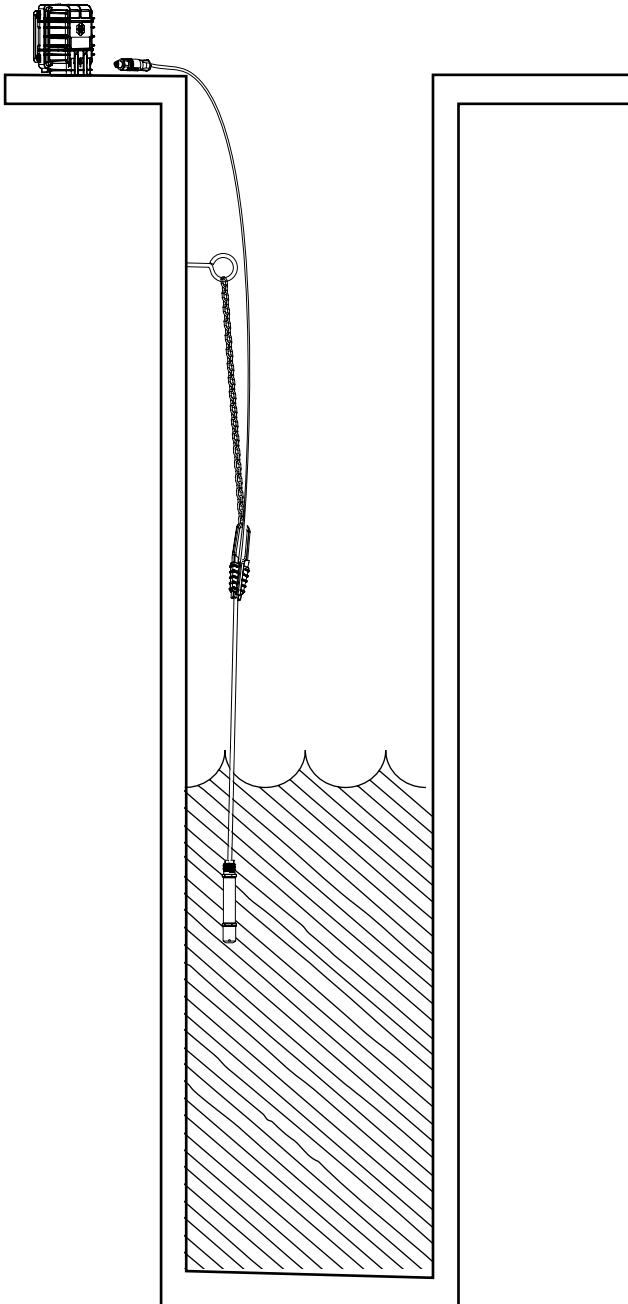
2

Slide the sensor cable through the optional mounting clamp and attach the chain to the hook, or use another desired method to secure the cable to the hook.



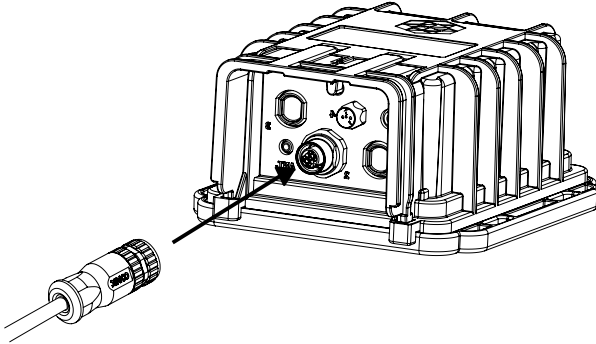
3

Secure the cable on the hook. Then lower the sensor until it is fully submerged in the water.



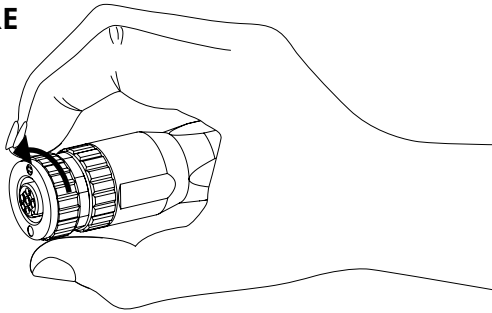
4

Connect the cable with the connector to the the Wavelet. Turn the adjustable black plastic or silver end piece to secure the sensor connector to the Wavelet.

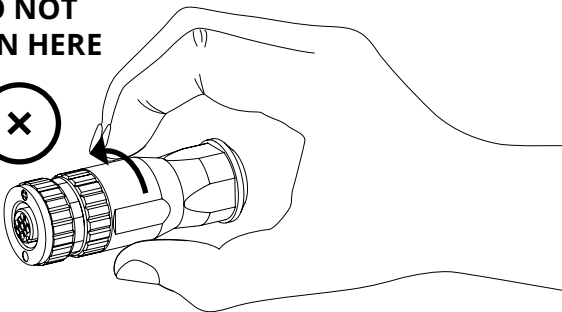


CAUTION: Do not turn the black plastic hood of the connector. Turning the black hood will cause the wires to disconnect, break, and/or damage the connector pins.

TURN HERE

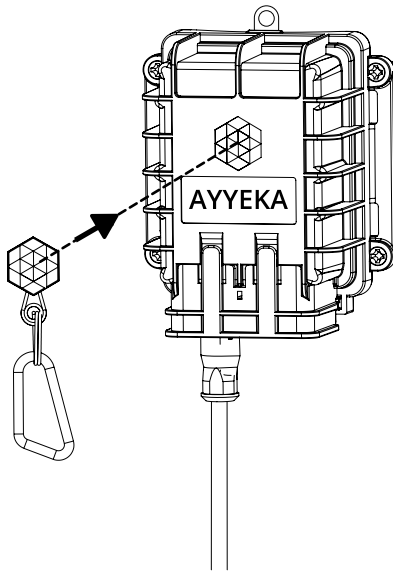


**DO NOT
TURN HERE**



WAVELET ACTIVATION

- 5 Place the Wavelet Activator on the Ayyeka logo on the Wavelet front panel for a few seconds. Wavelet will initiate a 10 minute online test mode.

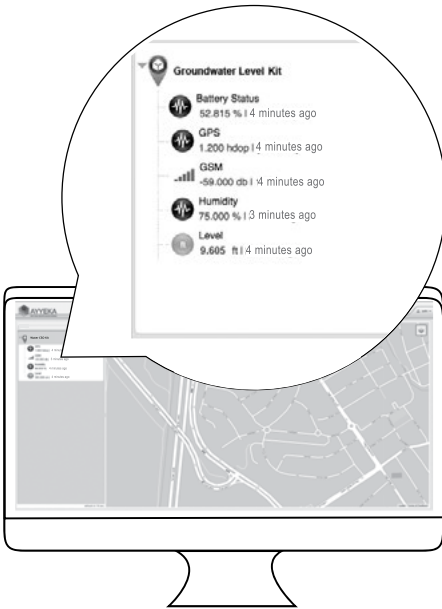


- 6 Access the Ayyeka user interface at home.ayyeka.com using your log-in credentials. Expect data to appear between 10 – 20 minutes after the online test mode is complete.



7

The screen display should resemble the following:



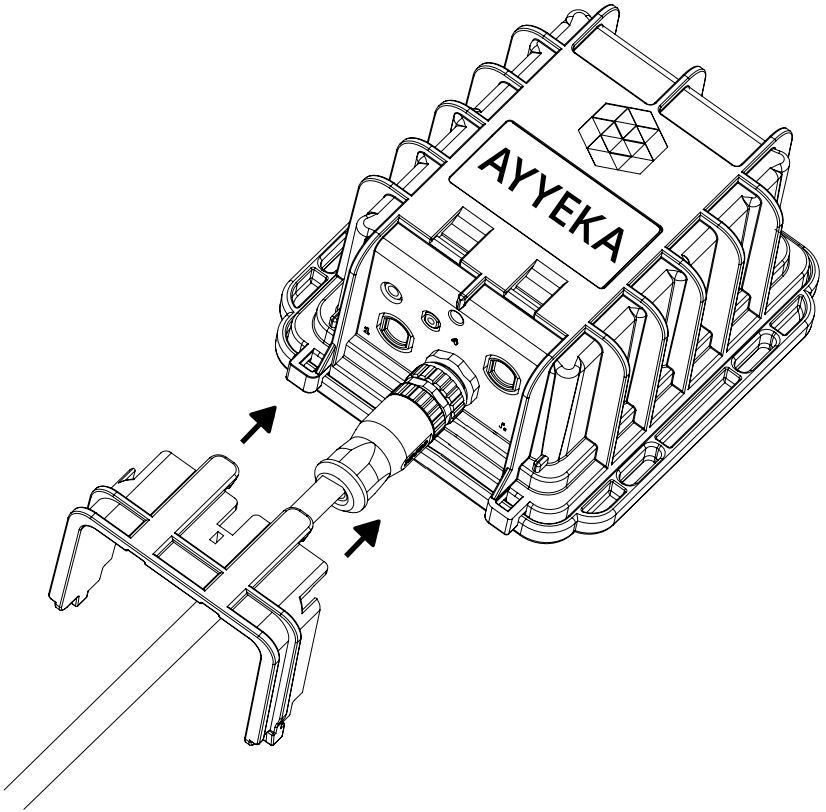
If Wavelet is transmitting properly, you have completed the installation successfully and can begin collecting and viewing your data!



If data does not transmit properly, change the Wavelet installation location and activate again. If the problem persists, contact support@ayyeka.com or +1 (310) 876-8040 for assistance.

8

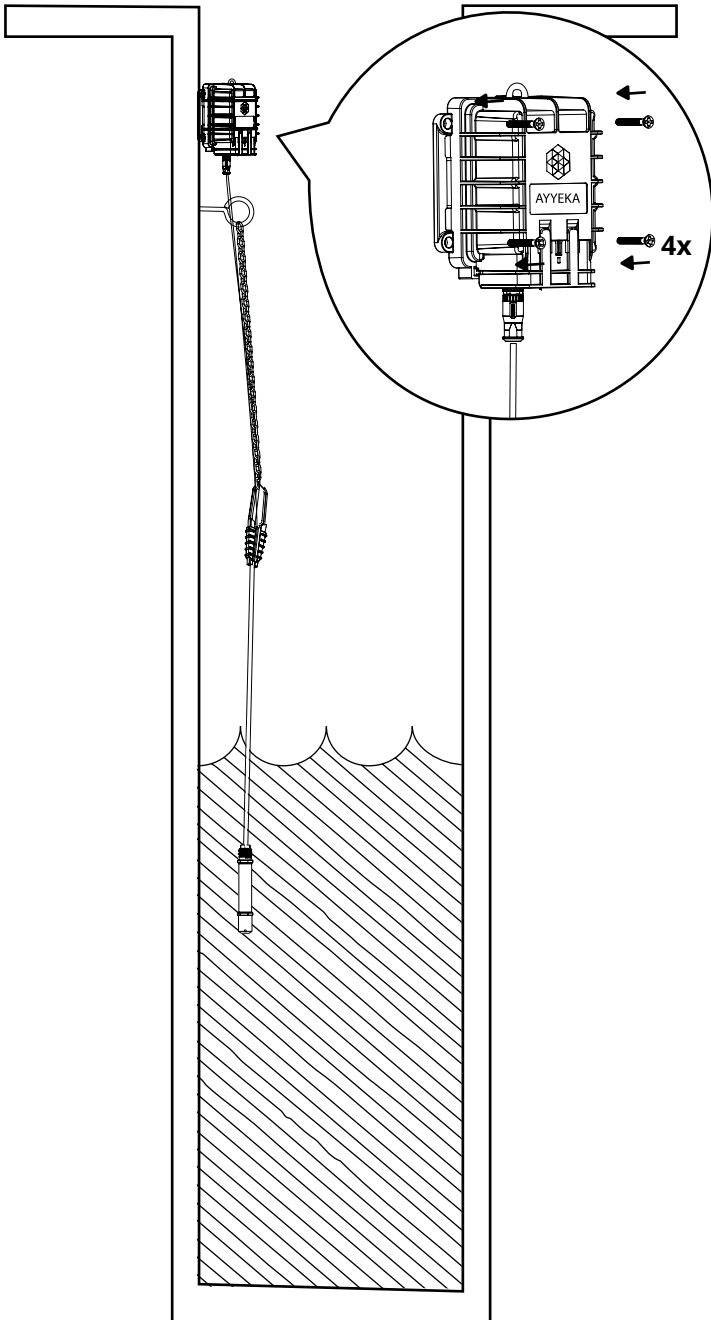
After the Wavelet completes the transmission process, place the Wavelet protector above the connector ports and secure the Wavelet protector into the Wavelet enclosure.



CAUTION: The protector is provided to shield the connector from tampering or overexposure that could result in disconnected wiring.

9

Secure the Wavelet on the side of the well using zip ties, screws or another method.



**YOUR WAVELET
GROUNDWATER LEVEL KIT
IS NOW SUCCESSFULLY
INSTALLED!**

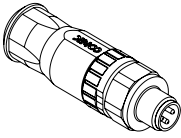


WIRING INSTRUCTIONS

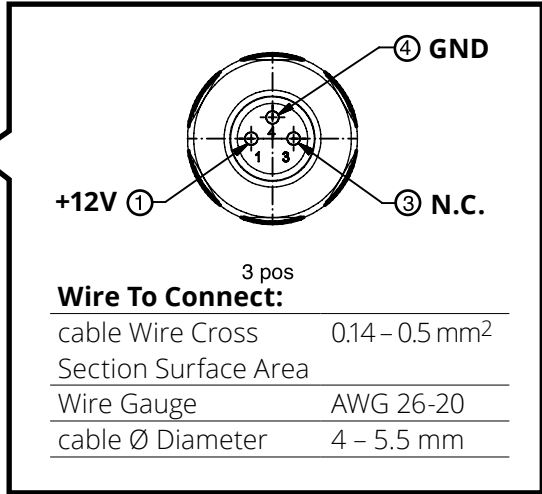
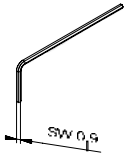
If external power connection is desired, external power connector instructions are as follows:

EXTERNAL POWER:

Power connector



+ Installation Tool
for Wire Termination
(Included)





QUESTIONS?

www.ayyeka.com
support@ayyeka.com
+1 (310) 876-8040