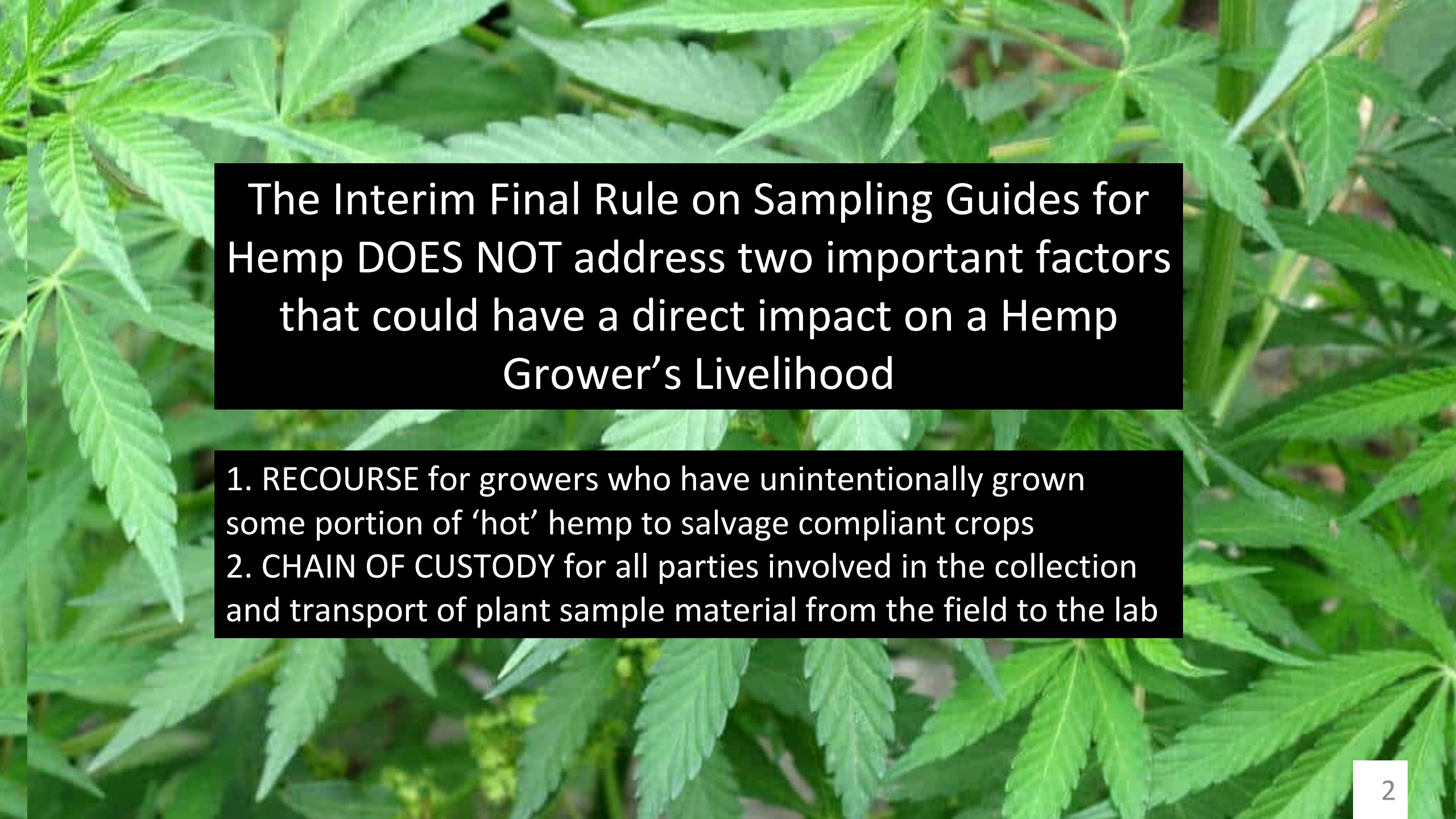




Geospecific Hemp Sampling Protocol with Chain of Custody

-SignaKey, LLC

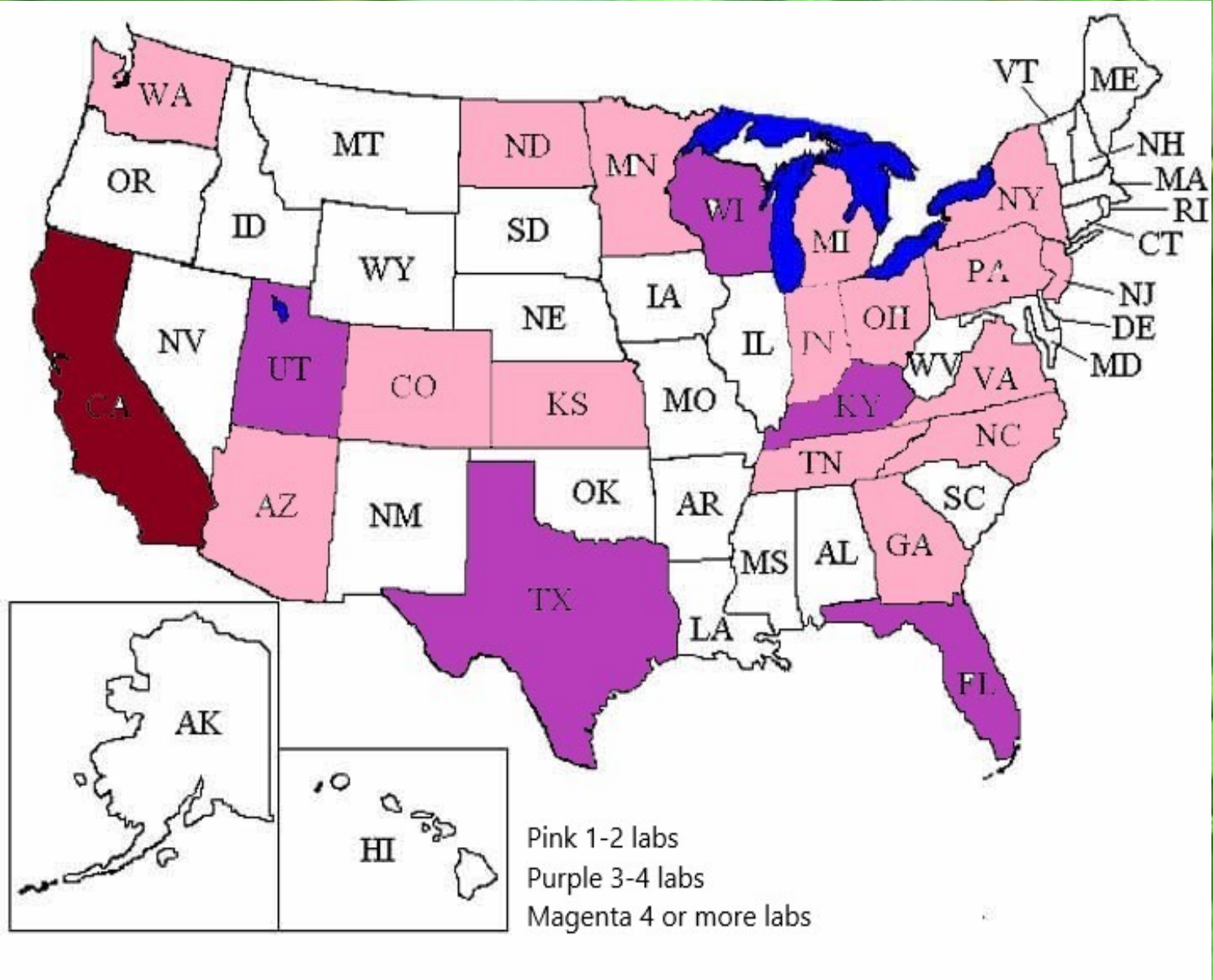
**BEFORE REVIEWING THIS PRESENTATION, THE VISITOR IS
ENCOURAGED TO CLICK ON THE RED BUTTON AT THE
BOTTOM OF THE “ABOUT US” SECTION OF THE HOME PAGE.**



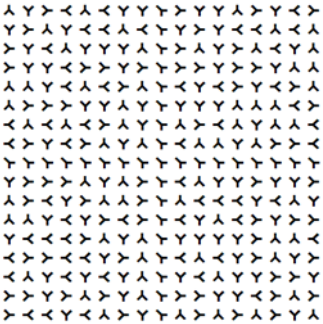
The Interim Final Rule on Sampling Guides for Hemp DOES NOT address two important factors that could have a direct impact on a Hemp Grower's Livelihood

1. RECOURSE for growers who have unintentionally grown some portion of 'hot' hemp to salvage compliant crops
2. CHAIN OF CUSTODY for all parties involved in the collection and transport of plant sample material from the field to the lab

DEA- Certified Labs for Hemp Compliance Tests as of February 2020. Of 44 labs listed, only 10 focus solely on Cannabis testing



SignaKey's tamper-evident e-seal is an IEC Global Standard technology for track and trace, serialization, and anti-counterfeiting. Decode can identify package contents to authorized parties with the use of a smartphone, or web camera and internet access.





Tamper evident seal wrapped around folded-over zip closure and 1 inch on either side in back

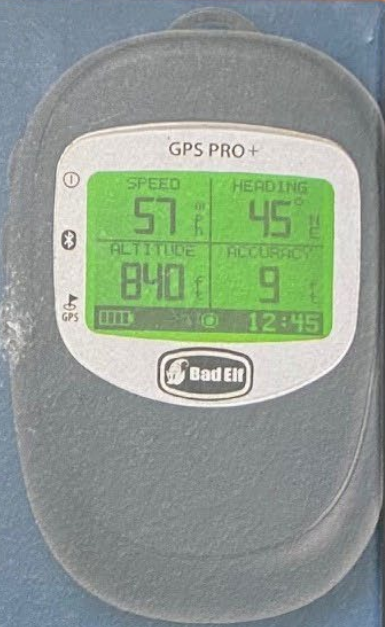
THC-Free, FDA Approved Polyethylene zipper closure sample bag 6" x 3" with white block for writing



Bad Elf
GPS PRO+

LAND | SEA | AIR

Bluetooth GPS & GLONASS Receiver
Made for iPod touch, iPhone, and iPad
Barometer • All Day Battery
LCD Display • Splash Resistant
Data Logger • USB Data Transfer



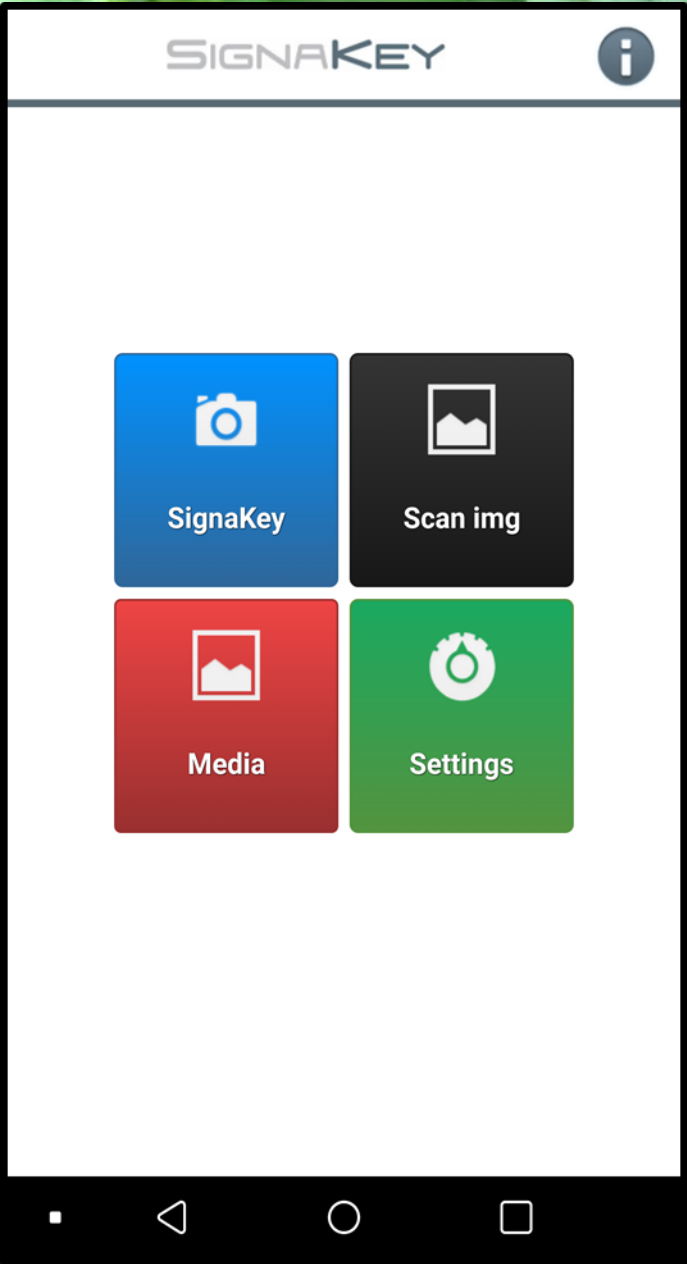
Made for
iPod iPhone iPad

Bluetooth

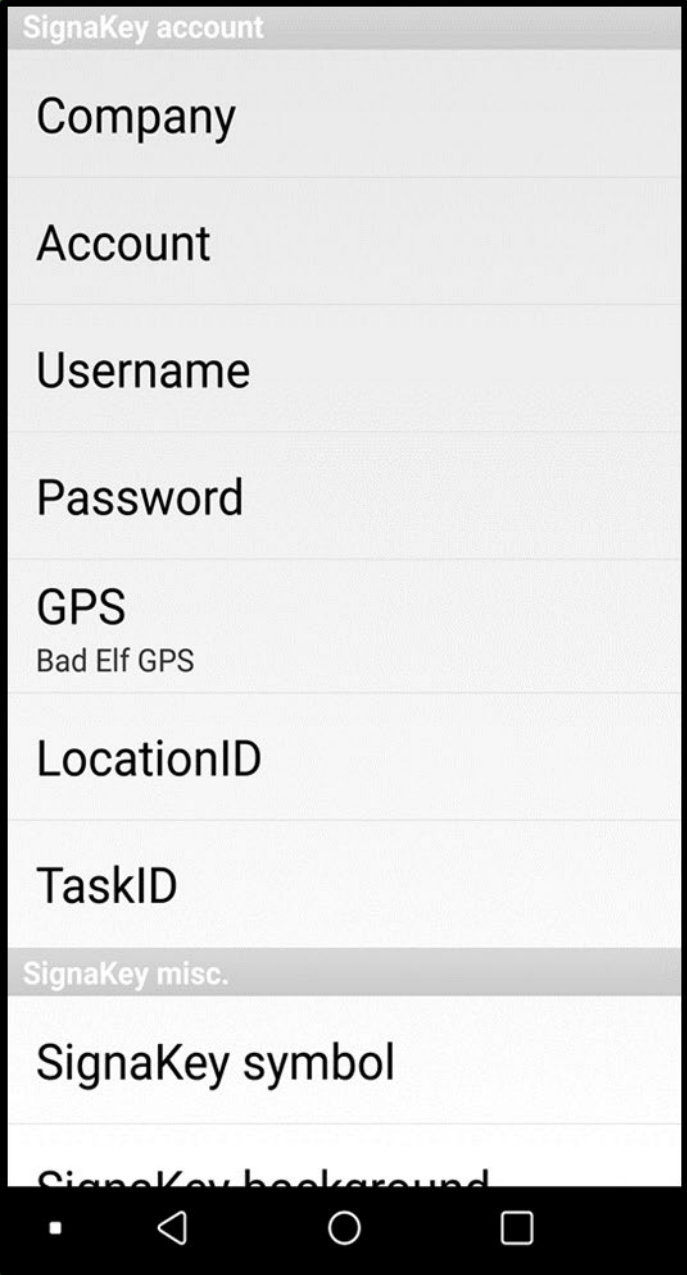
BE-GPS-2300

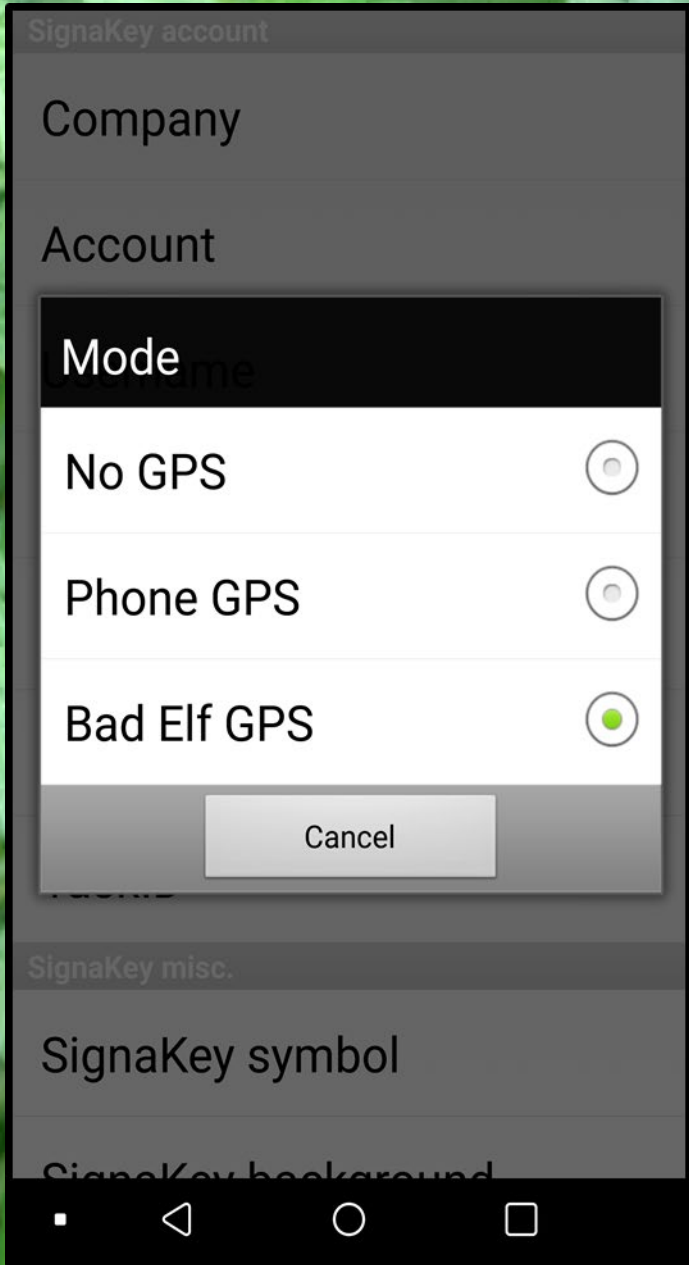


Bad Elf GPS Pro+ is the best tool to provide GPS location of the sample plant

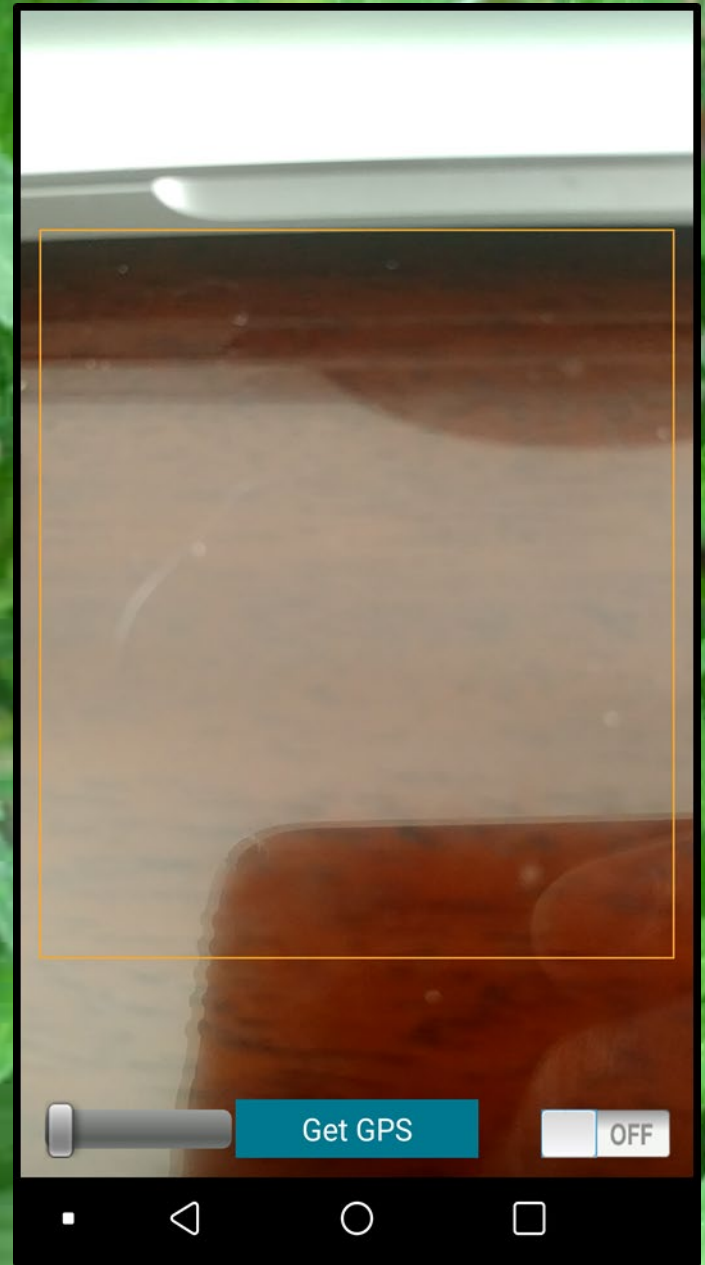


SignaKey app
on
smartphone

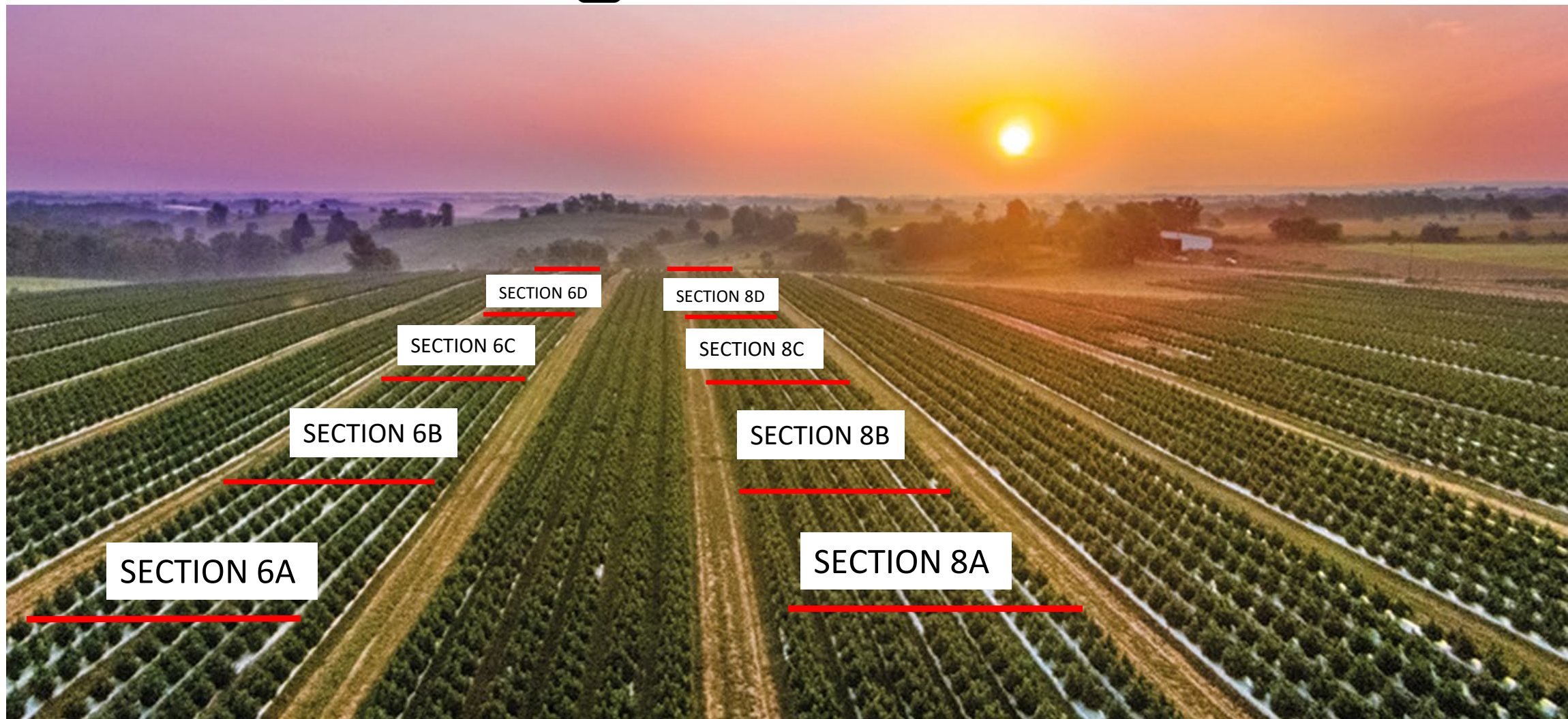




Select Bad Elf GPS



HEMP FIELD SAMPLES: EACH ROW DIVIDED INTO SECTIONS – SAMPLES TAKEN FROM EACH DESIGNATED AREA UTILIZES  GEOSPATIAL CO-ORDINATE SYSTEM



ROW 6




ROW 7

ROW 8

ROW 9

TAKE SAMPLE > STAND STILL > DROP SAMPLE IN BAG > ATTACH SEAL > READ SIGNAKEY > LOCATION, USER, DATE & TIME CAPTURED

ECCC TAMPER EVIDENT SEALS

CASE NUMBER: _____
 DESCRIPTION OF ENCLOSED EVIDENCE: _____
 SUBMITTING AGENCY: _____
 TELEPHONE NUMBER: _____
 EVIDENCE RECORDED BY: _____ (PRINT NAME)
 VICTIM'S FULL NAME: _____
 SUSPECT'S FULL NAME: _____
 EVIDENCE BAG SEALED BY: _____ (PRINT NAME)
 DATE SEALED: _____ AM
 PM

DATE TIME	ITEM NO. QTY.	NUM	SIGNATURE		REASON FOR CHANGE IN CUSTODY
			SIGN	SIGN	
1					
2					
3					
4					

FOR CRIME LAB PERSONNEL ONLY

CONDITION OF EVIDENCE BAG UPON RECEIPT AT LAB: _____

SEALED OTHER _____

CRIME LAB CASE NO: _____

NOTES: _____

FINAL DISPOSAL ACTION

RETURNED TO OWNER [] DESTROYED [] OTHER _____ DATE _____
 OFFICER _____ SIGNATURE _____
 NO. _____ OF _____ BAGS

STOCK HEADS 78 © KEEP SAFE ProAmBac

Large bag 12" x 12 " for containing individual sample bags- sealed again with a larger, tamper evident e-seal, scanned at the farm's address prior to transport to the lab

This protocol aids in concealing cannabis odor, reducing interference and seizures by postal workers



SECURE CHAIN OF CUSTODY



Decode at Sampling Location

Decode at Lab Before Opening




Certificate of Analysis Powered by Confident Cannabis 1 of 1

Jeff Shaw Sample: 1903ACTPA0053.0420

MI 48912 Strain: JS
 jeff@actlabinc.com Batch#: Batch Size - grams
 (269) 806-9765 Sample Received: 03/05/2019; Report Created: 03/05/2019

JS Flower QR Code
 Plant, Flower - Cured, Other



Cannabinoids (SOP 801)

Analyte	LOQ	Mass	%	mg/g
CBDVa	0.175	NR	NR	NR
CBDV	0.175	NR	NR	NR
CBDa	0.175	NR	NR	NR
CBGa	0.175	NR	0.273	2.73
CBG	0.175	NR	NR	NR
CBD	0.175	NR	NR	NR
THCV	0.175	NR	NR	NR
THCa	0.175	NR	NR	NR
CBN	0.175	NR	NR	NR
CBVa	0.175	NR	NR	NR
Δ ⁹ -THC	0.175	NR	NR	NR
Δ ⁸ -THC	0.175	NR	NR	NR
CB	0.175	NR	NR	NR
CBC	0.175	NR	NR	NR
THCa	0.175	15.019	150.19	150.19
CBCa	0.175	NR	NR	NR
Total		15.292		152.92

Terpenes (SOP 602)

Analyte	LOQ	Mass	mg/g
Hops	500	NR	NR
Cinnamon	500	NR	NR
Orange	500	NR	NR
Total Terpenes			14,857 PPM

13.172%

Total THC

NR

Total CBD

10.4%

Moisture

0.38000 aw

Water Activity

Total THC = THC + Δ⁹-THC; Total CBD = CBD + CBVa + CBV + CBG + CBGa + CBC + CBVa + CBV + CBG + CBGa + CBC + CBVa + CBV + CBG + CBGa + CBC

LOQ = Limit of Quantitation. The reported result is based on a sample weight with the applicable moisture content for that sample. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Moisture SOP 206.

Safety

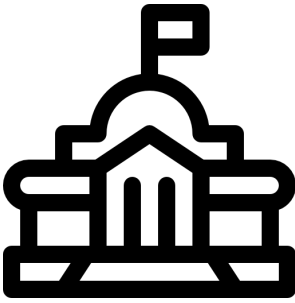
Pass Pesticides	Pass Microbials	Pass Mycotoxins
Not Tested Solvents	Pass Foreign Matter	Pass Heavy Metals

ACT Laboratories (PA)
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Christy Albertson
Christy Albertson
Technical Manager

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www.confidentcannabis.com

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PRIOR TO IFR

HEMP IS HEMP IF THC <0.3%
5 SAMPLES PER FIELD REGARDLESS OF SIZE
MIX SAMPLES - THEN TEST
IF NOT HEMP – BURN CROP

**USDA ISSUES INTERIM FINAL RULE
10/31/2019**

AFTER IFR

HEMP IS HEMP IF THC <0.3%
NUMBER OF SAMPLES BASED ON FIELD SIZE
KEEP ALL SAMPLES SEPARATE IN CLEAN BAGS
SAMPLES TAKEN ONLY BY 3PC LAB TECHNICIAN
IF SECTION “HOT” - REMOVE SECTION ONLY

SignaKey desktop software for labs- Secure login page

The screenshot displays the SignaKey desktop software interface. The main window, titled "Web Client Demo", features the SignaKey logo and a central "SignaKey" header. Below this, there are several control panels: a camera selection panel with "Select Camera" and "Start Camera" buttons, showing "Using: USB 2760 Camera"; a decoding panel with "Start Decode" and "Camera" options; a confirm panel with a text input field and checkboxes for "Popup Result" and "Include Geolocation"; and a "Decoding Parameters" panel with a "Vertical Flip" checkbox and "Data Symbol Width" and "Height" spinners. At the bottom, there is a "Network" status bar indicating "Not logged in" and a "Map" section showing coordinates "Lat 33.6181984018257 Long -111.721134746375". A "Login" button is highlighted in blue.

A "SignaKey Login" dialog box is open in the foreground, containing the following fields and buttons:

- Company:
- Account:
- User:
- Password:
- Login:
- Cancel:

In the top right corner of the main window, a log window displays the following messages:

```
10:10:03 Login required.  
10:10:03 Initialization Complete  
10:10:04 Geolocation 33.6183680318694,-111.720820642829  
10:10:06 Geolocation 33.6183664414453,-111.720833825292  
10:10:07 Geolocation 33.6183693712189,-111.720809541435  
10:10:08 Geolocation 33.6181366760337,-111.720631310184  
10:10:09 Geolocation 33.6181984018257,-111.721134746375  
10:10:10 Geolocation 33.6183664414453,-111.720833825292  
10:10:12 Geolocation 33.6181984018257,-111.721134746375
```

SignaKey desktop software for lab- Select web camera

SIGNAKEY

SignaKey

10:14:41 Geolocation 33.6183680318694,-111.720820642829
10:14:42 Geolocation 33.6182748881332,-111.720886027743
10:14:47 Geolocation 33.6181244822495,-111.721172368447
10:14:48 Geolocation 33.6182748881332,-111.720886027743
10:14:49 Geolocation 33.6183664414453,-111.720833825292
10:14:50 Geolocation 33.6181984018257,-111.721134746375
10:14:51 Geolocation 33.6181244822495,-111.721172368447
10:14:52 Geolocation 33.6183680318694,-111.720820642829
10:14:54 Geolocation 33.6183664414453,-111.720833825292

Select Camera Stop Camera

Using: USB 2760 Camera

Start Decode Camera Web

Confirm:

Popup Result Include Geolocation

History Key:

Earliest 27 Dec 2019

Decoding Parameters

Vertical Flip

Data Symbol Width: 16 Height: 16


Network Logged in as SignaKey.Bill

Map Lat 33.6183680318694 Long -111.720820642829

Log Out Configure About

Center SignaKey in Reticle

SignaKey desktop software for lab- Start decode



SIGNAKEY

SignaKey

10:16:12 Public = 'Dell 6530 Latitude'
10:16:12 Consumer = 'Registered to Richard McDermott'
10:16:12 Restricted = 'Dell Info'
10:16:12 Private = 'Serial number 3914776801'
10:16:13 Geolocation 33.6181366760337,-111.720631310184
10:16:14 Geolocation 33.6182748881332,-111.720886027743
10:16:15 Geolocation 33.6183680318694,-111.720820642829
10:16:17 Geolocation 33.6181366760337,-111.720631310184
10:16:18 Geolocation 33.6183680318694,-111.720820642829

Select Camera Stop Camera

Using: USB 2760 Camera

Start Decode Camera Web

Confirm:

Popup Result Include Geolocation

History Key: 1-108-1-1
Earliest 27 Dec 2019

Decoding Parameters

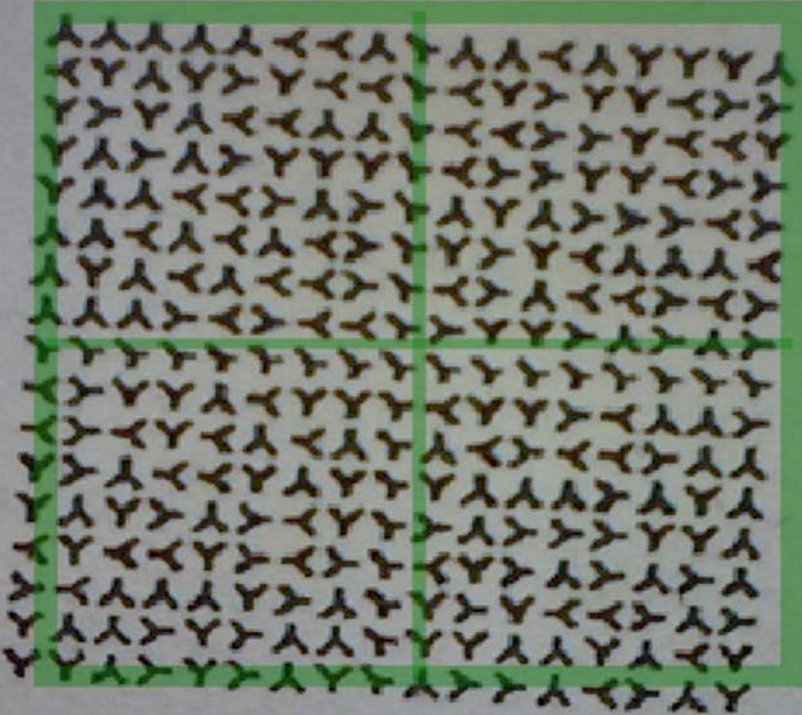
Vertical Flip

Data Symbol Width: 16 Height: 16

Network Logged in as SignaKey.Bill

Map Lat 33.6183680318694 Long -111.720820642829

Log Out Configure About



Product Image Product Specs Owners Manual Environmental Specs Intl Specs HSF Site

SignaKey desktop software for lab- History file including map

Web Client Demo

10:17:28 Decode count = 22
10:17:31 Geolocation 33.6181366760337,-111.720631310184

SignaKey Decode History

History for 1-108-1-1
Since 27 December 2019 - 22 decodes

Timestamp	Disclosed	User	IPAddress	IPKnown	DataTag	GPS
1/27/2020 5:16:11 PM	True	SignaKey.Bill	24.251.192.17	SignaKey AZ		
1/24/2020 10:24:07 PM	True	SignaKey.Bill	24.251.192.17	SignaKey AZ	*GPScoordinates=33.615387,178.38992&*LocationID=22&*GPSaccuracy=0.038*TaskID=33	Map
1/24/2020 5:53:24 PM	True	SignaKey.Bill	24.251.192.17	SignaKey AZ		
1/24/2020 5:53:05 PM	True	SignaKey.Bill	24.251.192.17	SignaKey AZ	*GPScoordinates=33.61551590009411,-111.72312774711156	Map
1/24/2020 5:52:49 PM	True	SignaKey.Bill	24.251.192.17	SignaKey AZ	*GPScoordinates=33.61551590009411,-111.72312774711156	Map
1/24/2020 5:52:38 PM	True	SignaKey.Bill	24.251.192.17	SignaKey AZ	*GPScoordinates=33.6153650284181,-111.72330093380022	Map
1/24/2020 5:42:51 PM	True	SignaKey.Bill	24.251.192.17	SignaKey AZ		
1/24/2020 4:46:54 PM	True		24.60.52.182	SignaKeyNH	who=Bill&Bob&where=somewhere	
1/24/2020 4:40:26 PM	True		24.60.52.182	SignaKeyNH	foo=a%20b	
1/24/2020 4:36:35 PM	True	SignaKey.Bob	24.60.52.182	SignaKeyNH	foo=doodah doodah	
1/24/2020 4:36:23 PM	True	SignaKey.Bob	24.60.52.182	SignaKeyNH		
1/24/2020 4:33:16 PM	True	SignaKey.BobAdmin	24.60.52.182	SignaKeyNH		
1/24/2020 4:25:09 PM	True	SignaKey.BobAdmin	127.0.0.1	localhost		
1/24/2020 4:23:14 PM	True	SignaKey.Bill	24.251.192.17	SignaKey AZ		
1/24/2020 4:23:03 PM	True	SignaKey.BobAdmin	24.60.52.182	SignaKeyNH		

Product Image Product Specs Owners Manual Environmental Specs Intl Specs HSF Site