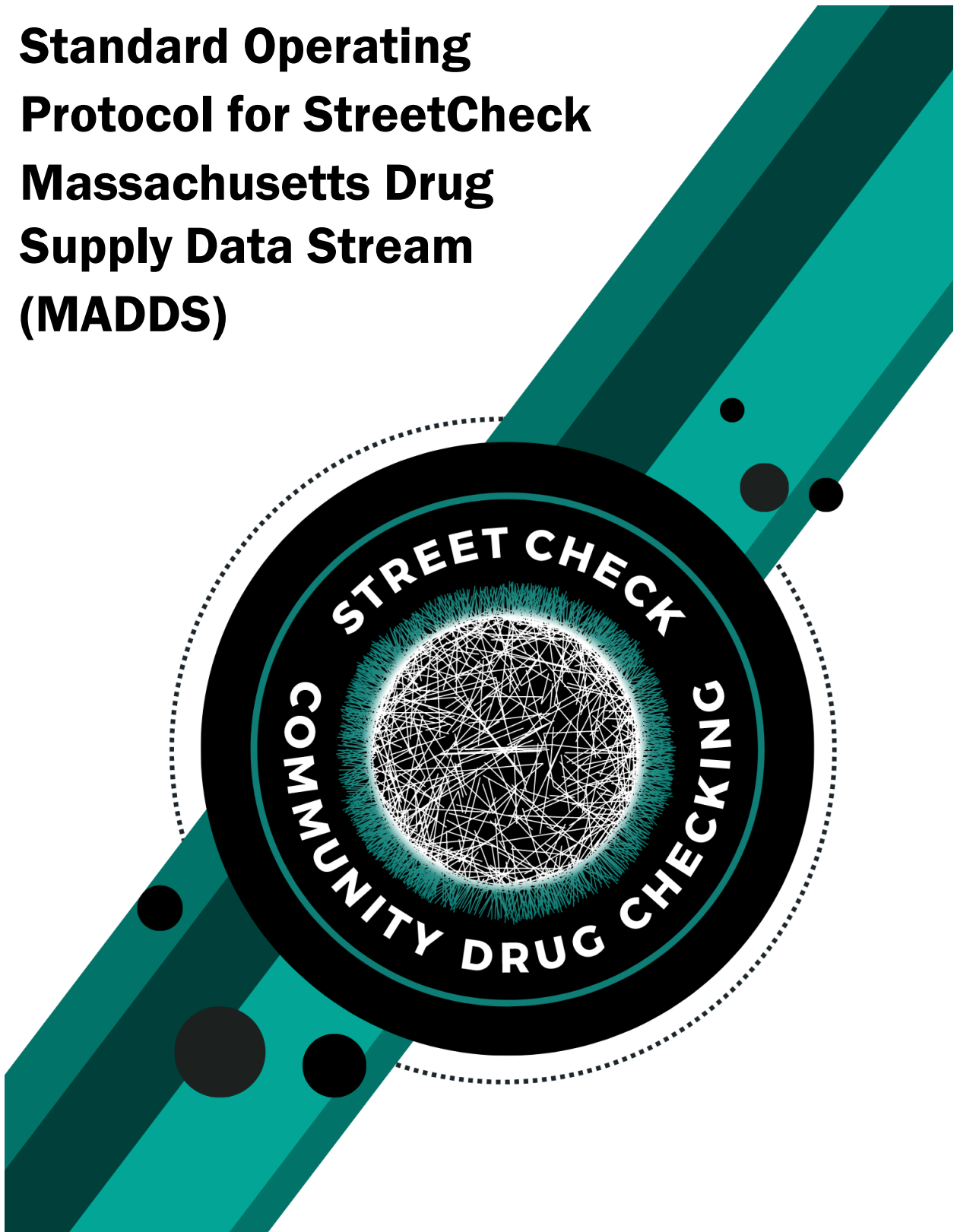


**Standard Operating
Protocol for StreetCheck
Massachusetts Drug
Supply Data Stream
(MADDS)**



Acknowledgments and Further Information

This Standard Operating Protocol for StreetCheck was developed by the Massachusetts Drug Supply Data Stream (MADDS). Our suggested citation for this resource is: Massachusetts Drug Supply Data Stream. (202, March 13). Standard Operating Protocol for StreetCheck. (Massachusetts Drug Supply Data Stream, March 13, 2023). For more information, please visit our website at: info.streetcheck.org. To get in touch with us, please email: maddsbrandeis@gmail.com.

This document was most recently updated on 3/21/2025.

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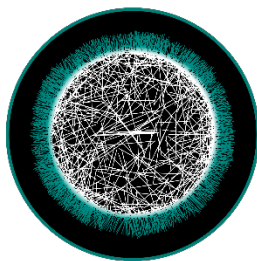
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STREET CHECK COMMUNITY DRUG CHECKING

1.0 StreetCheck Login

1.1 First Time Registration

1. If this is your first time logging in to StreetCheck, register for access by visiting:
<https://ma.streetcheck.org> and press “Sign Up Now!”

***Note:** this link is to log in to the Massachusetts tenant. For other state tenants, please delete “ma” and add the abbreviation for your state into the link.

2. Follow the instructions for self-registration through the **Sign Up** option.
 - a. Enter First name, Last name, Email address, and choose a password (minimum of 8 characters). Press the **Sign Up** button.
 - b. You will receive an email confirming that your account registration request is under review. Once approved, you will receive an email confirming access has been granted.




Figure 1, StreetCheck Registration Portal.

- c. Upon first login, you will be prompted to complete the registration process by selecting and answering three account challenge questions used for account recovery. After that is completed, click the **Complete Registration** button to complete the process.

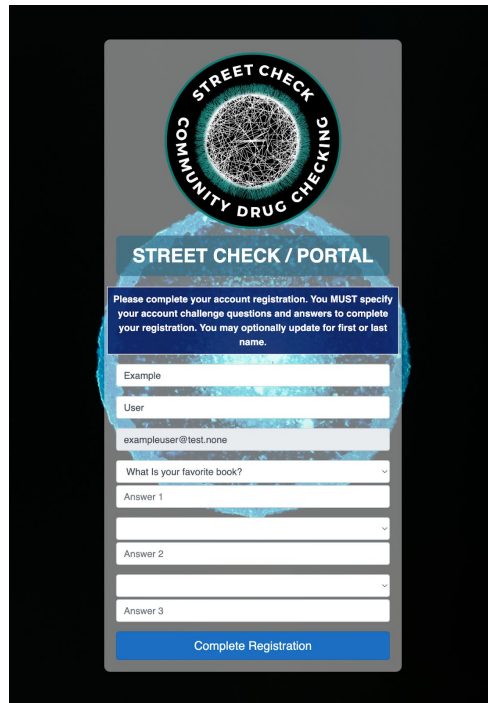


Figure 2, StreetCheck Registration Challenge Questions

1.2 Returning StreetCheck Users

If you have previously registered and been approved for a portal user account, sign in using your StreetCheck credentials (email and password account is registered with) by visiting <https://ma.streetcheck.org>.

***Note:** this link is to log in to the Massachusetts tenant. For other state tenants, please delete “ma” and add the abbreviation for your state into the link.

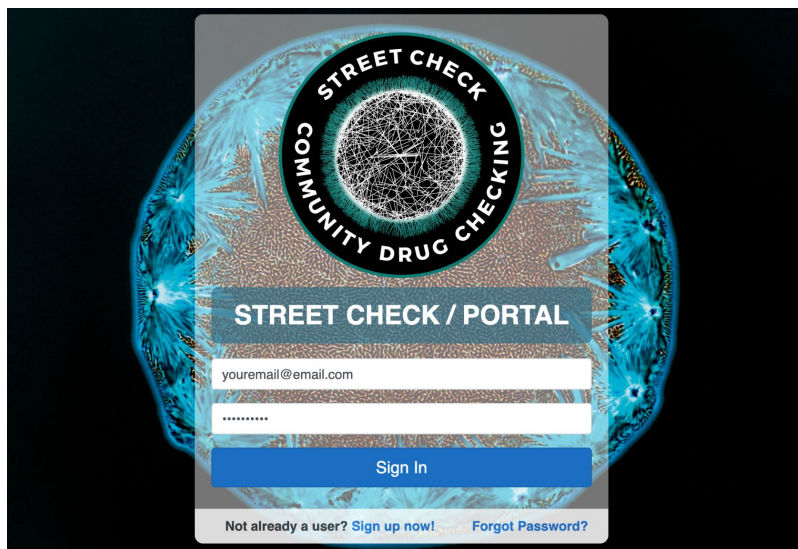


Figure 3. StreetCheck Login Portal

1.3 Account Recovery

1. If you have previously registered but are unable to log in, use the portal's Recover screen to reset your password and recover access to your account.
 - d. Enter the email that the account was originally registered with, and press the **Reset Password** button. Check your email's inbox for a message indicating the request has been received. Click the **Complete Password Reset** button within that email to complete the request.
 - e. You should be directed to a screen in StreetCheck prompting you to enter a new password and to answer the three challenge questions selected when the account was created.

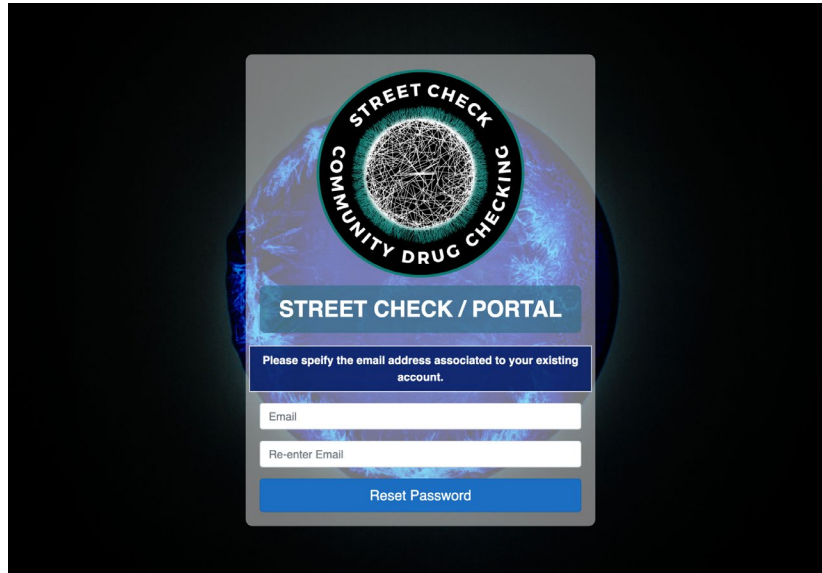


Figure 4. StreetCheck Account Recovery

- f. Click the **Complete Reset** button to complete the process and be directed to the Sign In screen.

2.0 Navigating StreetCheck Portal

1. After logging in, you will be brought to the landing page/home page of StreetCheck. On the home page you can quickly access data organized by status or condition by selecting any one of the colored sample tiles.

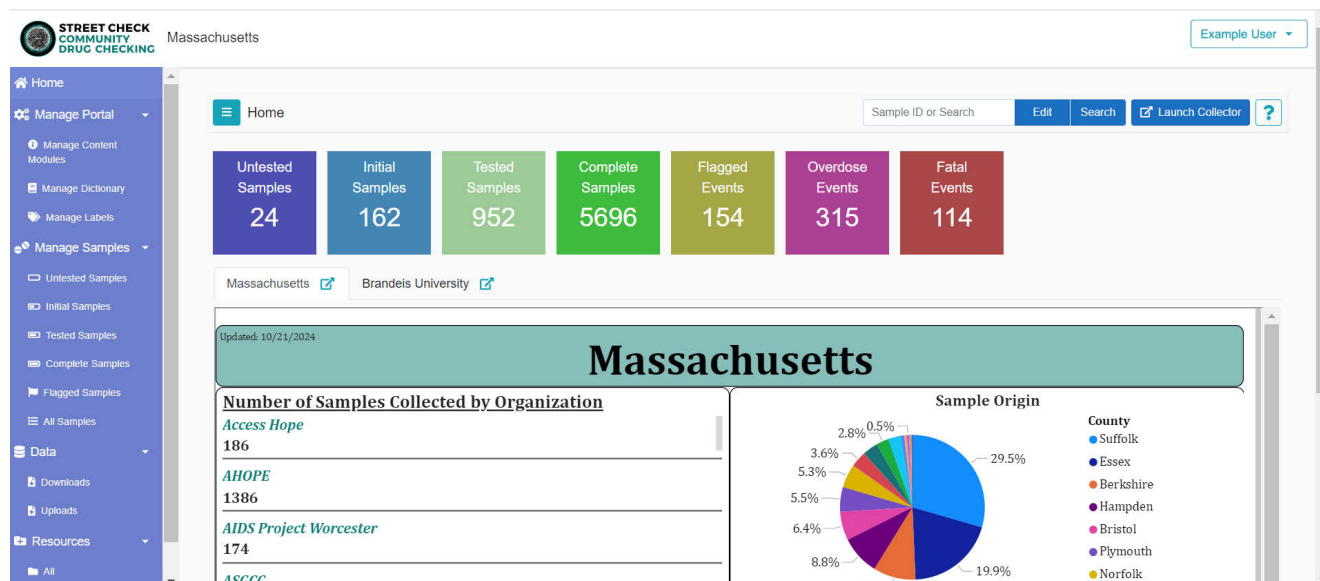

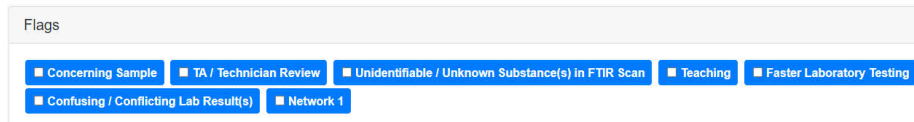


Figure 5, StreetCheck Landing Page.

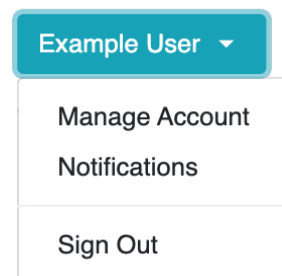
2. Along the left side of the screen is the navigation toolbar where you will find the Main Menu actions, Account Menu actions, Sample actions, and Reporting actions.
 - a. The  button will open/close the main menu navigation toolbar.
 - b. The **Home** button will bring you to the landing page.
 - c. The **Manage Portal** section hosts various general portal management actions intended for administrative users.
 - i. **Manage Tenant:** Allows an administrative user to perform general tenant configuration and management actions.
 - ii. **Manage Roles:** Allows an administrative user to create and modify all user roles.
 - iii. **Manage Users:** Allows an administrative user to manage all user accounts, including inviting a new member to use StreetCheck.
 - iv. **Manage Content Modules:** Allows a user to create informational tags or alerts to attach to a sample including Clinical Notes or Harm Reduction Messages.
 - v. **Manage Dictionary:** Allows an administrative user to manage the term dictionary.
 - vi. **Manage Labels:** Allows an administrative user to generate sample ID labels to print on Avery *stickers*.

- d. The **Manage Samples** section hosts various sample management actions.
- i. **Untested Samples:** Allows a user to browse drug samples that have a status of “Untested” indicating that they have yet to have either initial or confirmatory results assigned.
 - ii. **Initial Samples:** Allows a user to browse drug samples that have a status of “Initial” indicating that they have initial results assigned. An initial sample has had at least one initial test (FTIR, FTS, XTS, BTS, pH strip) conducted and the sample is awaiting laboratory analysis.
 - iii. **Tested Samples:** Allows a user to browse drug samples that have a status of “Tested” indicating that they have initial results assigned and will not receive further results. A tested sample has had at least one initial test (FTIR, FTS, XTS, BTS, pH strip) conducted and the sample is NOT being sent for laboratory analysis.
 - iv. **Complete Samples:** Allows a user to browse drug samples that have a status of “Complete” indicating that they have laboratory results assigned.
 - v. **Flagged Samples:** Allows a user to view samples that have been flagged with various conditions.



- vi. **All Samples:** Allows a user to browse all drug samples without regard to status.
- e. The **Data** section hosts various data actions used to download raw sample data or upload sample data.
1. **Downloads:** Allows a user to download raw sample data as a CSV file for all Sample and Result Data, FTIR vs Lab Results, and Lab Result Download.
 2. **Uploads:** Allows a user to upload a CSV file of samples or sample results. There are downloadable templates for these uploads.

3. In the top right corner, you will see a tab with the user’s name. From here you can modify user account settings, manage notifications, or sign out of the portal.



- a. **Manage Account:** Here you can select a profile photo, add personal details associated with user account, reset password and edit security challenge questions.



- b. **Notifications:** Select which system notifications you'd like to receive by method. Place a check in the **Receive Email** and/or **Receive Text** to receive that particular notification via email and/or text. NOTE: The notifications available are based on the account level with administrators having more options than standard users.

2.1 Sample Navigator



The Sample Navigator screen allows the user to browse the various lists of drug samples. Users reach this screen either by clicking any of the landing screen Sample Tiles or by selecting any of the menu items under the **Manage Samples** from the **Main Menu**.

Sample	ID	Laboratory Code	Laboratory	Detected Substance(s)	Status	Collected By	Collected On	Modified On	Action
	HL_0017	4568	CFSRE	Cellulose (Microcrystalline Cellulose) (Major), Lactose (Minor), Fentanyl HCl / Analogue (Unknown)	Initial	Jesse Pack	03/07/2025	03/07/2025	
	TEST_246				Untested	Sarah Shiffman	03/06/2025	03/07/2025	
	TEST_224				Untested	Sarah Shiffman	03/07/2025	03/07/2025	

Figure 6, Sample Navigator

Screen Features:

1. Use the **Show ... entries** dropdown to select the number of samples to show on each page.
2. Use the **Search** entry to specify various search criteria. Text entered as search criteria will be matched against many fields of the sample including identifiers, notes and most other text-based sample attributes.
3. Use the **Advanced Search** entry to search for samples based on identifiers, codes, and terms, substances, etc.
4. To use the "Edit" screen, type in a sample ID and click "Edit," to go directly to the sample for editing.
5. Use the control to navigate through the various pages of samples.
6. Within each sample row, click the button to edit the sample (if you have curator status) and the button to view the sample result displaying the current state of the final sample result screen. The button allows the user to assign a flag to a sample.

- a. To view a given material, click the icon within the icon tray.
 - b. To add new materials, click the **Upload** button and select the files (using the standard file dialog) that you wish to upload.
 - c. To delete a given material, click the icon within the icon tray and then click the **Delete** button.
5. **Discussion:** Allows the user to participate in a simple discussion thread associated with the sample.
 - a. To add a new comment simply enter the desired comment text within the Notes editor and then click the **Add** button.
 - b. Delete a comment, by simply clicking the  button within the comment.
4. The **SampleEditor** allows the user to easily view the current state of the curated result within a floating popup window by clicking the View button in the upper right of the screen. Click the  button to view a side-by-side split screen. The result view hosted on the right-hand side of the split screen will update in real-time as you make edits using the various editor functions on the left.
 -) ž Clicking on “Test Results” or “Sample Details” headings will hide/open those respective attributes.
6. Use the "Flag" button to add any flags. For a description of possible flags, go to the following link: [StreetCheck Flag Descriptions and Definitions Guidelines](#).

2.2.2 Editing Test Results in the Portal

1. Any test results not entered through the Collector can be added through the Portal by clicking on an attribute of Test Results to launch the sample editor screen for that value within a sample.
 - a. FTIR Results: A pop-up will appear when assigning FTIR results to a sample through the Portal. Tap **Add** and enter the name of the substance in the text box. As you are typing, a smart text drop-down list may appear where the substance can be quickly selected. Substances not in the drop-down list are also able to be added by typing them out fully. Designate each substance as a major, minor, trace, or unknown component of the sample using the drop-down list next to the substance. To delete a substance from this list, press **Remove**. To save, press **Save**.

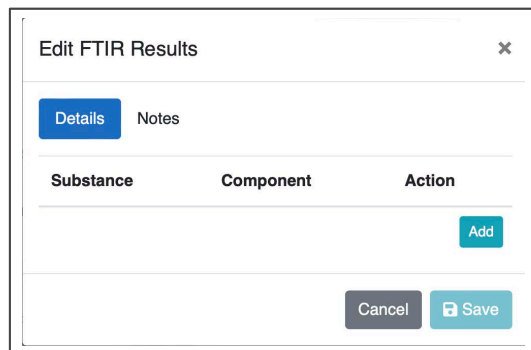


Figure 8, Edit FTIR Results



d. Follow these steps to enter in all results for xylazine, benzodiazepine, nitazenes, and medetomidine test strip results

e. pH Test Kit Results: Click on “Not Set” to launch the pH Test Kit Results Test Strip Editor Pop-up. Use the slide bar to set the pH level according to the reference on your kit. Enter any notes into the “Notes” tab.

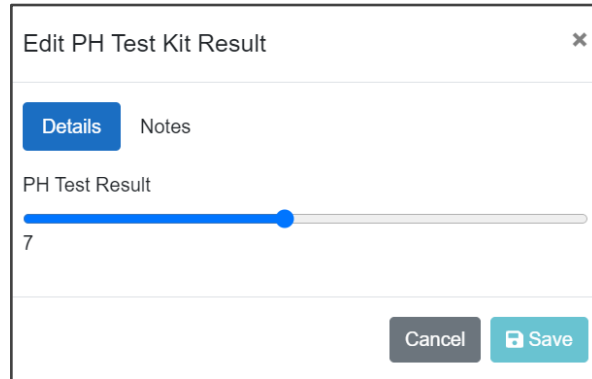


Figure 11, Editing pH Test Kit Results

f. RAMAN Results: Click on “Not Set” to launch the RAMAN Results Editor Pop-up. Tap **Add** and enter any substances identified through RAMAN Spectroscopy. Through the drop-down under “Component” you are able to designate High or Low Confidence. Add any notes into the “Notes” tab.

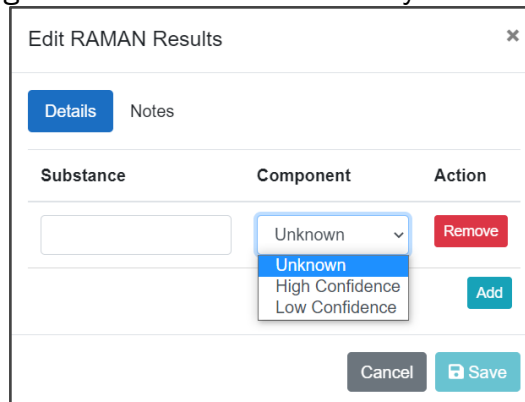


Figure 12, Editing RAMAN Results

g. Other Results Narrative will launch a free text entry box pop-up. Leave it blank or add results from any other testing completed on the sample, for example Raman testing.

3.0 Navigating the Collector

Separate from the StreetCheck Portal, the StreetCheck Collector is used mainly to add/log new samples into StreetCheck, but also allows functions such as searching and editing samples.

1. On the StreetCheck Portal landing page, the **Launch Collector** button is located in the top right.
 - a. Once selected, the Collector portal will appear in a new tab prompting you to enter your StreetCheck Login credentials.
 - b. The Collector can also be reached by following this link: <https://ma.streetcheck.org/Collector>. (***Note:** this link is to log in to the Massachusetts tenant. For other state tenants, please delete “ma” and add the abbreviation for your state into the link.)
2. The landing page for the Collector will have two tabbed lists along the bottom:
 - a. **My Samples** will display the 25 most recent samples that you have collected.
 - b. **All Samples** will display the 10 most recent samples collected by all StreetCheck users in the same tenant/state.

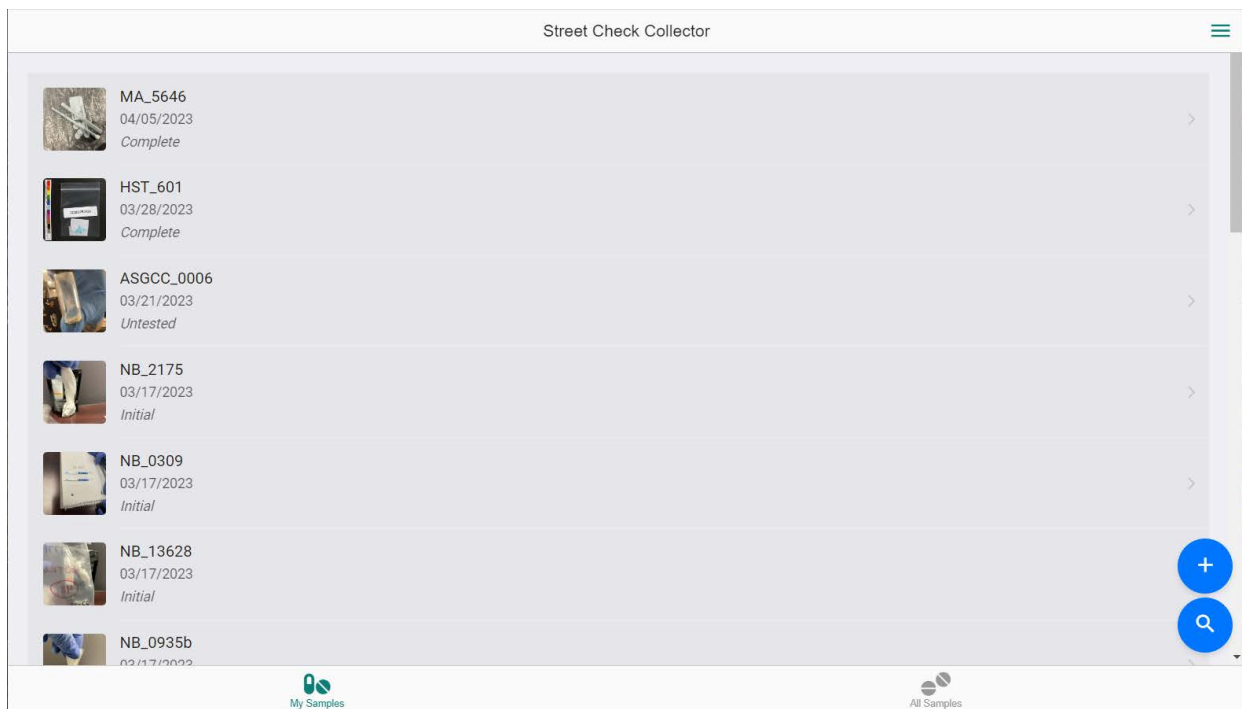






Figure 13, StreetCheck Collector Landing Page

3. The menu  button on the top left will bring you to the landing page of the Collector if **Home** is selected, or back to the landing page of the Portal if **Launch Portal** is selected.
4. The search  icon in the lower right allows users to search for existing samples using a number of search parameters.
5. The  icon is where users can enter new samples into StreetCheck.

3.1 Entering a Sample into the Collector

1. Select the  icon in the lower right corner of the Collector landing page.
2. First, specify the collection type; field or facility. A field sample is a normal sample collected in the field, and a facility sample is a sample associated with a specific facility.

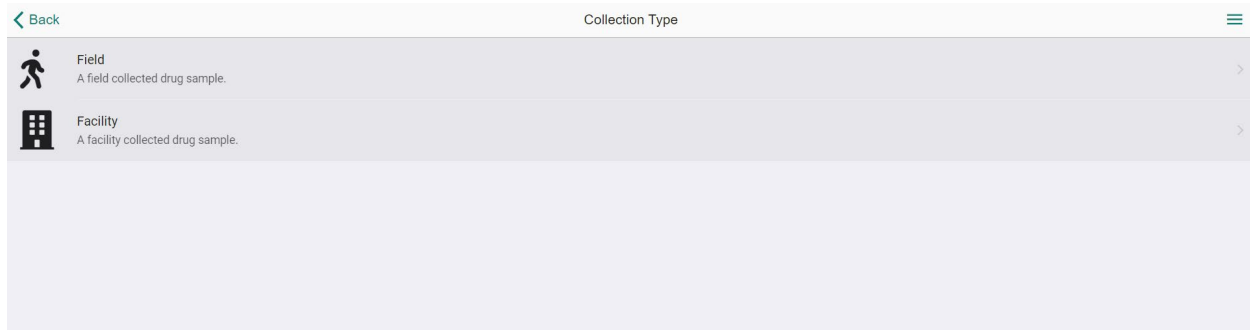




Figure 14, Collection Type Page

3. The next page will ask you to assign identifiers to the sample. Either press the button to scan the QR code containing the sample ID, or tap the identifier entry and enter the Sample ID provided to you from Brandeis, which can be found on the sample bag. Click the **Next** button. 
4. The next slide allows you to enter any additional codes associated with the sample. This code will remain internal to group/organization members only and will not appear on the public website.
5. Next, you can capture one or more snapshots of the sample. Tap the camera button to start your camera and tap again to take a snapshot. The snapshot will then be added to the lower list area and you can take additional snapshots if needed. 

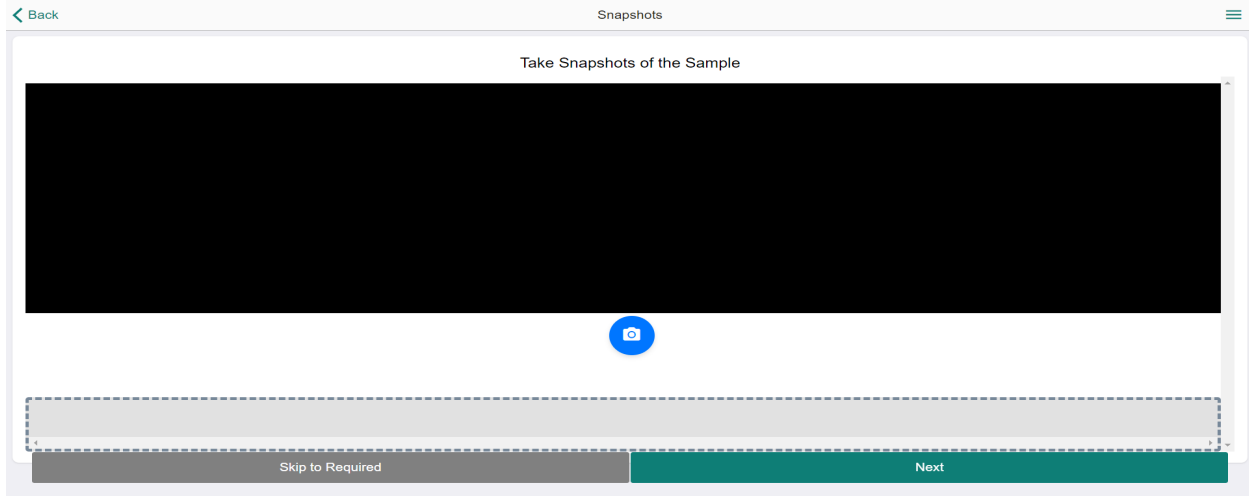


Figure 15, Snapshots

- a. Tap **Next** to continue to the next page, or **Skip to Required** to continue to the next required step. At any time, use the Skip to Required to quickly skip to and answer the required questions to log a sample into StreetCheck. You're able to leave answers blank and return to edit them later.
6. On the General Details page, enter the date that the participant aquired the sample. Indicate if the sample was used or not (highlighted below). If the participant is submitting a cooker or a pipe with residue on it, you should select Yes, the sample has been used even if you do not have details regarding the user's experience with the sample.

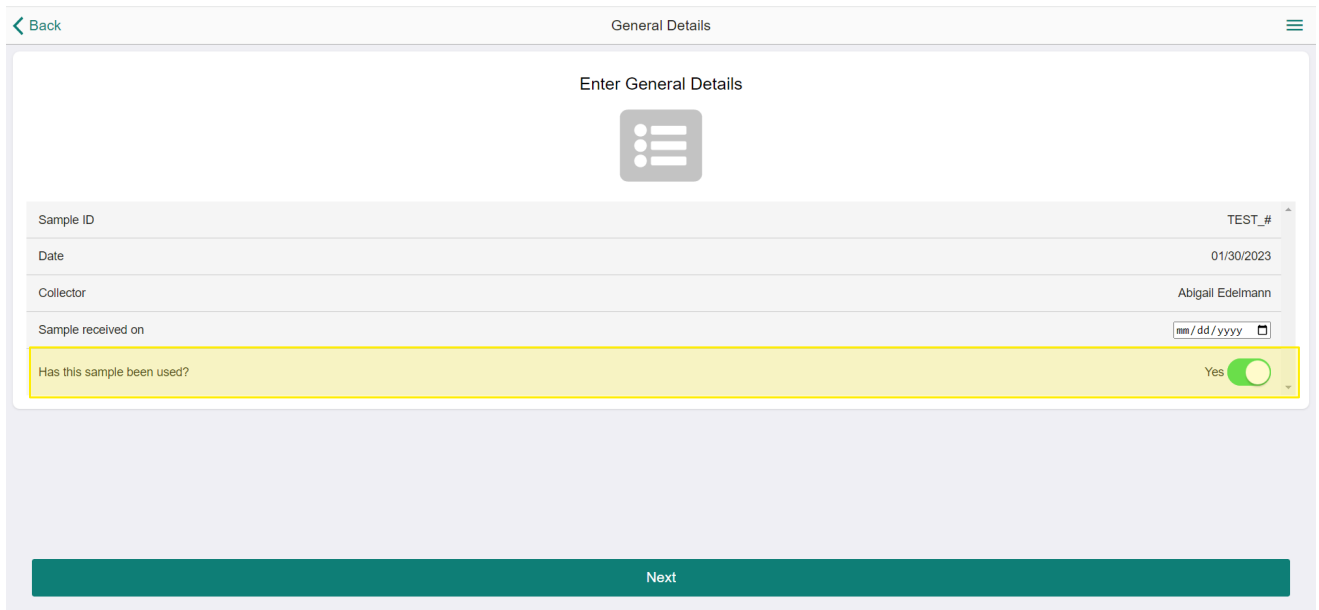


Figure 16, General Details Page



7. After clicking the Next button, the Collector will ask for the Location Details associated with the sample. Tap the entry line under “Town/City” and enter the name of the town or city the sample originated from. The smart list will appear as you're typing, you may select from here or type out the name manually. Tap the entry line next to “Neighborhood” to add any neighborhood details. Neighborhood names will not appear publicly. If there are none, leave it blank and tap the Next button again, or Skip to Required to continue to the next required step.

- a. All of the slides have an option to select "Unknown" for when details are not known at the time of collection and will not be known later. The default is answer "answer above"

Figure 17, Location Details

8. The next page asks what the sample was sold/given as. You can select up to four (4) common drug items or select “Other” to specify a drug name not listed. Please be specific with your answer. For example, if a participant tells you they believe the sample to be dope, ask them to specify heroin or fentanyl.

- a. If you do not know what the participant suspects the sample to be, select “Other” and use the free text entry bar to enter “Unknown”. Tap Next, or Skip to Required to continue to the next required step.

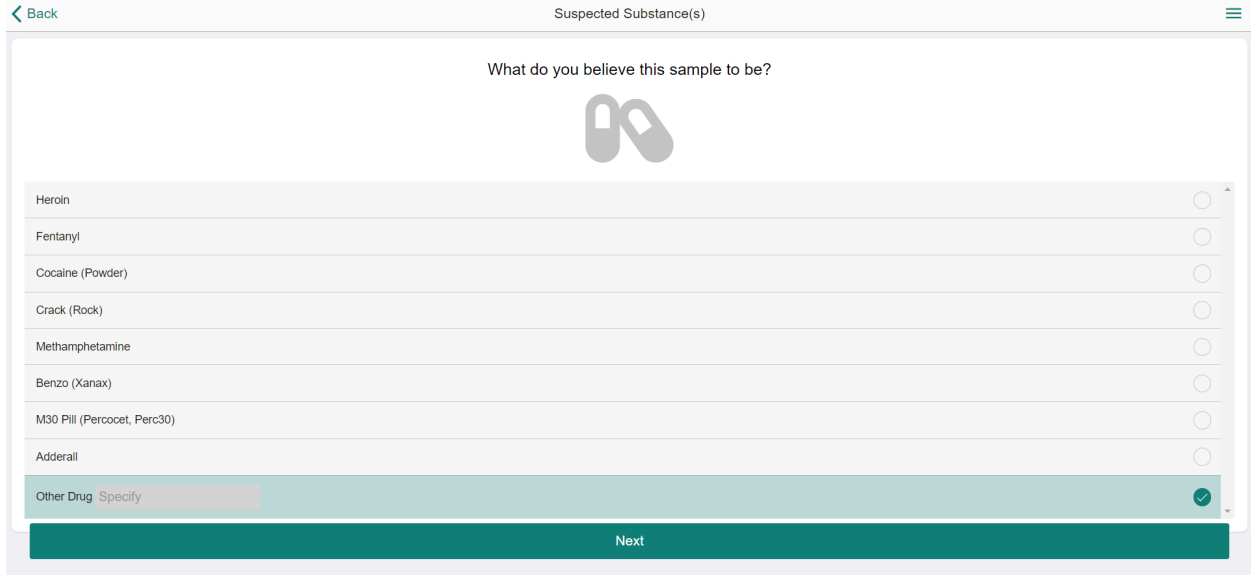


Figure 18, Suspected Substances

9. The following series of page prompts involve sample detail questions that will only appear if you have selected that the sample has been used on the General Details page.

- a. Taste: How does the participant describe the taste of the sample? How do they describe the smell? Enter notes into the free text entry box.

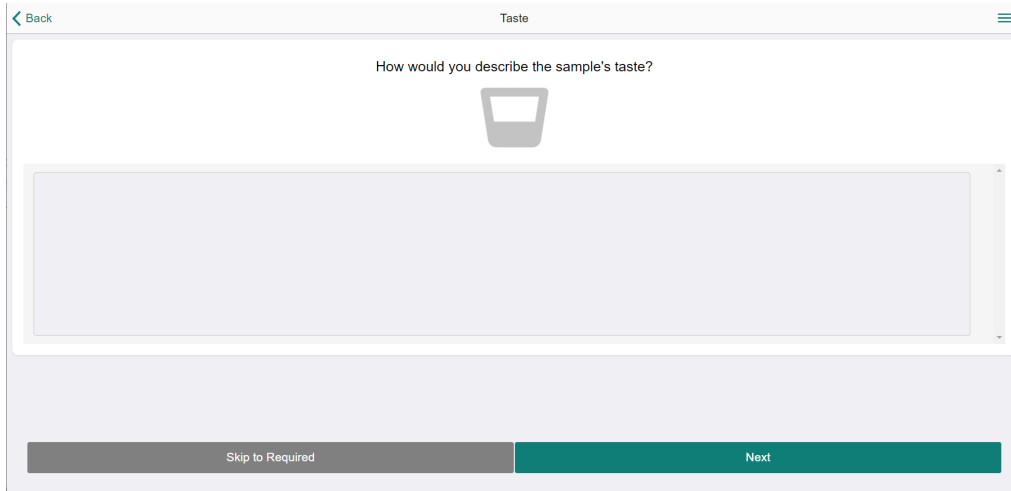


Figure 19, Taste

Smell

How would you describe the sample's smell?

Skip to Required Next

Figure 20, Smell

- b. How was this substance used? Select from the list of choices that best match how the sample was used. Press **Next**.

How Used?

How was this substance used?

Smoked (pipe, foil, etc.)

By Syringe for IV use

By Syringe for boofing (anally)

Syringe for intramuscular use (muscling)

Snorted (straw, rolled up bill, none)

Chewed / Oral use

Other (specify) Specify


Skip to Required Next

Figure 21, How Used?

- c. How was the sample prepared? Anything notable about how the sample was prepared for use can be written in the text entry box. If there is nothing abnormal to report, select “Normal / Nothing out of the ordinary”.

← Back How Prepared? ☰

Anything notable about the preparation of the drug for use (unusual color, gummed up, etc)?



Normal / Nothing out of the ordinary

Abnormal preparation (explain)


Skip to Required Next

Figure 22, How Prepared?

- d. **Strength:** Ask the participant to compare their experience with this sample to their experience with similar drugs in terms of strength. Select the best option from the list.

← Back How Strong? ☰

How would you describe the drug's strength, in terms of how it compares to similar drugs?



Stronger

Weaker

Normal

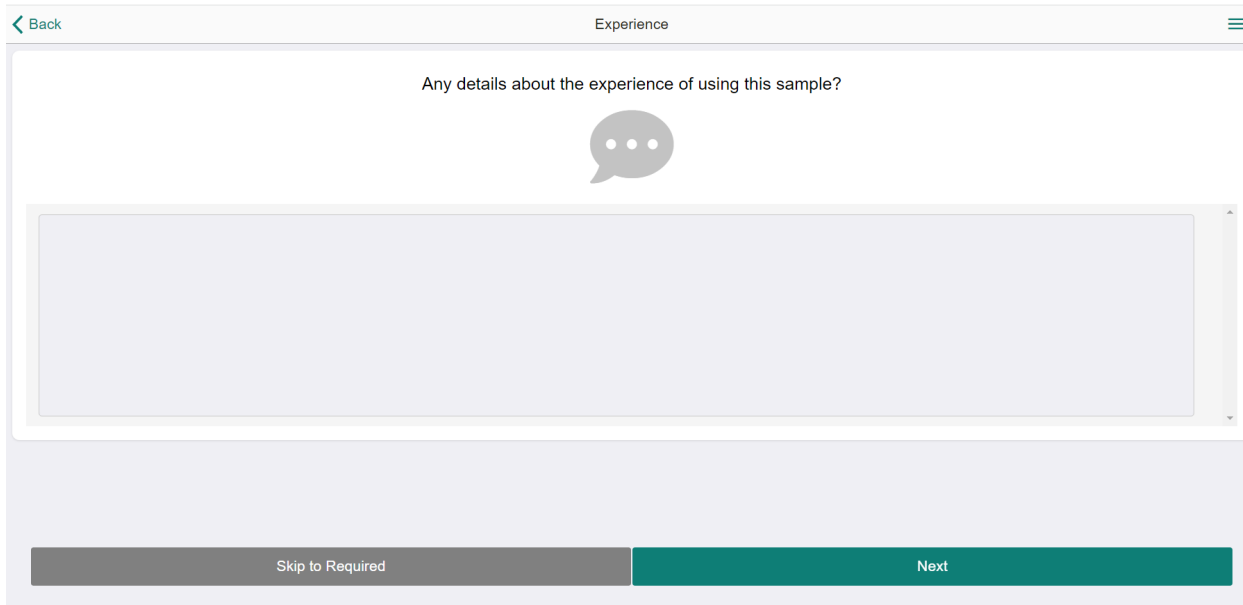
Unknown

Other (please explain)

Skip to Required Next

Figure 23, Strength

- e. **Experience:** Record any notable details related to the user's experience with the sample in the free text entry and click **Next**.



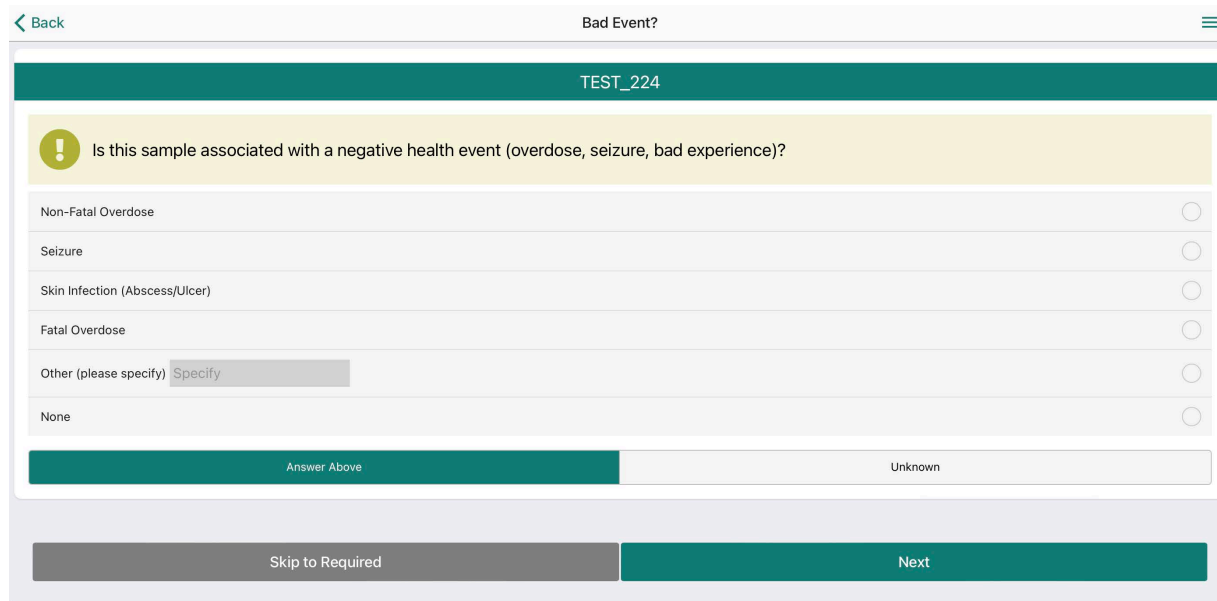
← Back Experience

Any details about the experience of using this sample?

Next

Figure 24, Experience

- f. Bad event: If the sample caused an adverse health event, be sure that is recorded by selecting from the list or specify in the text entry box.



← Back Bad Event?

TEST_224

Is this sample associated with a negative health event (overdose, seizure, bad experience)?

Non-Fatal Overdose

Seizure

Skin Infection (Abscess/Ulcer)

Fatal Overdose

Other (please specify) Specify

None

Answer Above Unknown

Next

Figure 25, Bad Event Page

- 10. On the Additional Details page, you may enter any further pertinent information about the sample. Use the free text entry box to describe dealer information, if the sample was purchased online, out of state, etc.

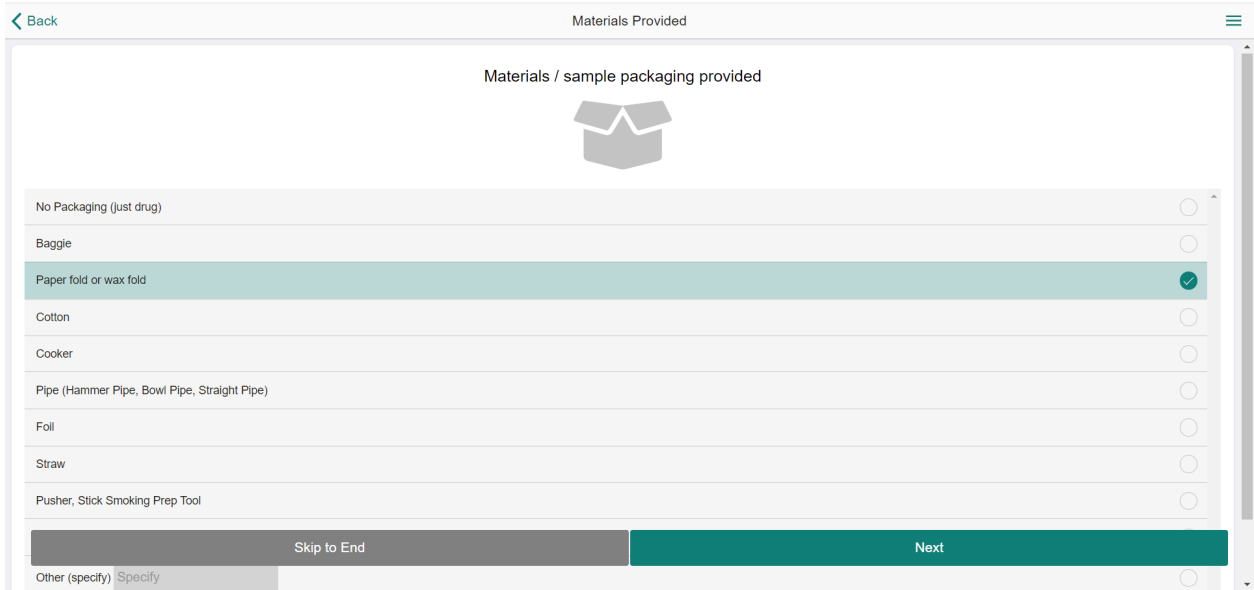


Figure 28, Materials Provided

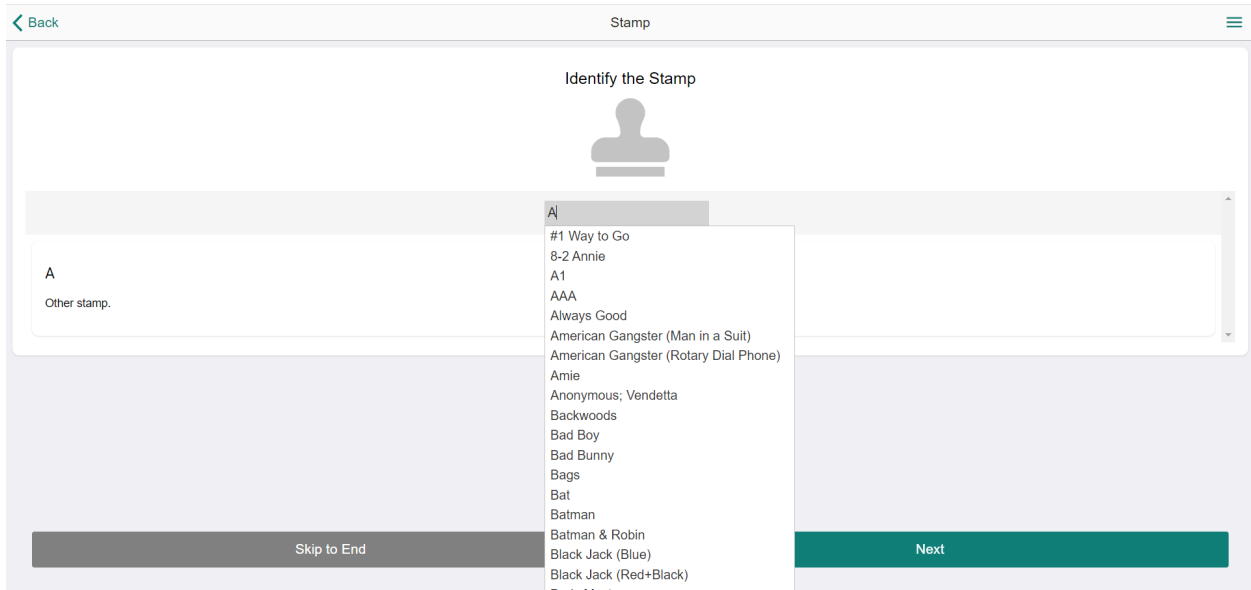


Figure 29, Identify Stamps


18. The next page will ask if you have used StreetCheck before to enter a sample. Select “yes”, “no”, or “N/A”. Tap **Next**.

19. Lastly, StreetCheck allows the option to enter any final details you may have regarding the sample that weren't previously entered. This entry box is for internal use only and will not be displayed publicly. If you'd like to associate a sample with a participant, you're able to add a participant code here.

- a. There is the option at the bottom of this page to flag a sample for faster result testing.

20. Tap Done to submit the sample to StreetCheck. Tap Initial if you're ready to capture initial test results. These include test strips (FTS, BTS, XTS, NTS, MTS), pH, FTIR, and Raman values.

3.2 Initial Results

1. To enter initial results, you can tap the **Initial** button after completing the sample questionnaire on the final results page, or access it at any time from the collector by first searching/selecting a sample and pressing the  menu button in the top right corner, and selecting **Initial**.

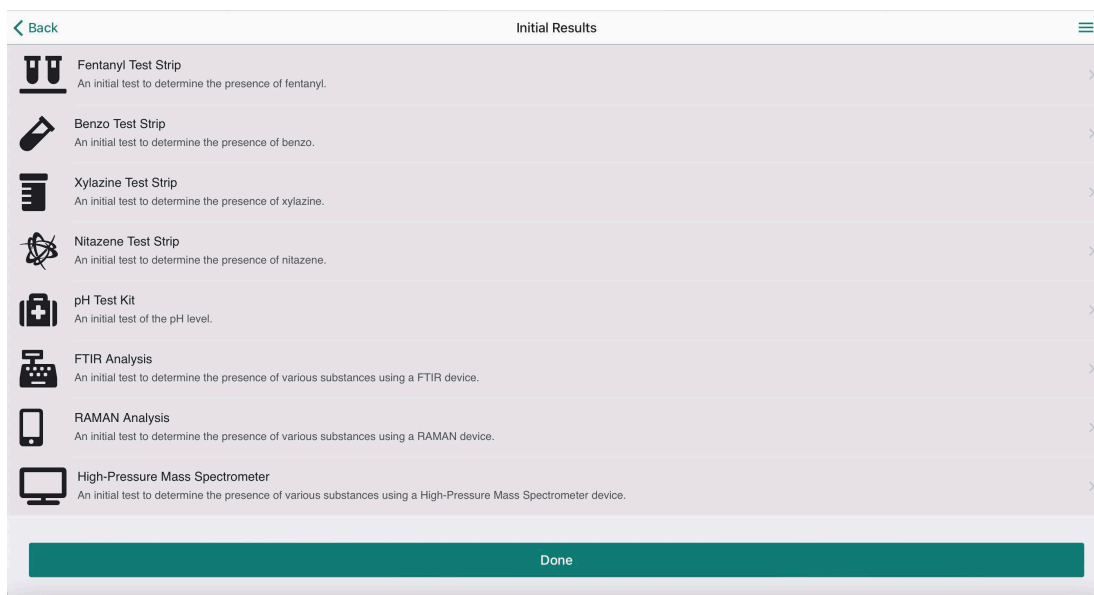


Figure 30, Initial Results Page

2. See the following references for procedures on BTNX Test Strips and FTIR Analysis.

[Standard Operating Protocol Abbreviated for New Testing Locations](#)
[Test Strip Quick Reference Guide](#)

3. When you are ready to enter Fentanyl Test Strip results, select “Fentanyl Test Strip” from the Initial Results Page. Select the test strip manufacturer and on the next screen, tap the camera icon to take a snapshot of the results and press **Next**.

Enter results by tapping on the “Not Tested” drop-down to assign Positive or Negative results to the respective volumes of dilution. Add any notes about the test strip or the procedure that you would like to include on the next slide. Once completed, you should see a green check mark appear on the Initial Results Page.

Is the sample positive for Fentanyl at various concentrations?

Add a small amount of substance to a plastic cup. Add 5 mL of water to cup. Test. When positive, add 25 more mL of water to the same cup. Test.

CONCENTRATIONS TESTED	
Tested at 1ML	Not Tested
Tested at 5ML	Not Tested
Tested at 30ML	Not Tested

Next

Figure 31, Fentanyl Test Strip Results Page

4. Follow the same instructions for all other test strips used on the sample (i.e. Benzo, Xylazine, Nitazene, or Medetomidine).
5. See [Test Strip Procedure Quick Reference](#) for further instructions on recommended dilutions and procedures for BTNX Fentanyl, Xylazine, Nitazene, Medetomidine, and Benzodiazapine test strips.
6. Next, enter pH results. Use the camera icon to take a snapshot of the results. Press Next then use the slide bar to adjust the level of pH according to the reference on your pH strip packaging. Press **Next** again and add any pertinent notes if you wish.

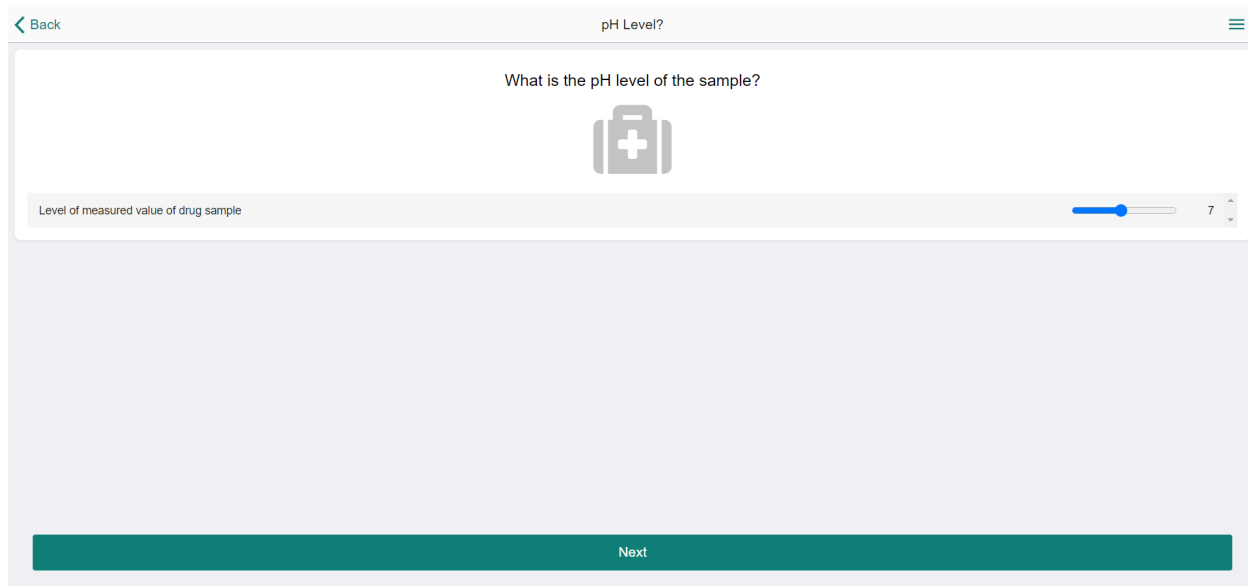


Figure 32, Level of Measured pH Value Results Page

- After FTIR analysis, enter substances detected by typing into the entry box, select from the smart text suggestions, and press Add. You will see the substance appear in a list below. From here you can designate if the substance is a major, minor, or trace component by clicking on the drop-down list on the right. If unknown or not sure, select “Unknown”. Most often FTIR analysis is not conducted in the field, results for this may be entered at a later time either here in the Collector or through the Portal.

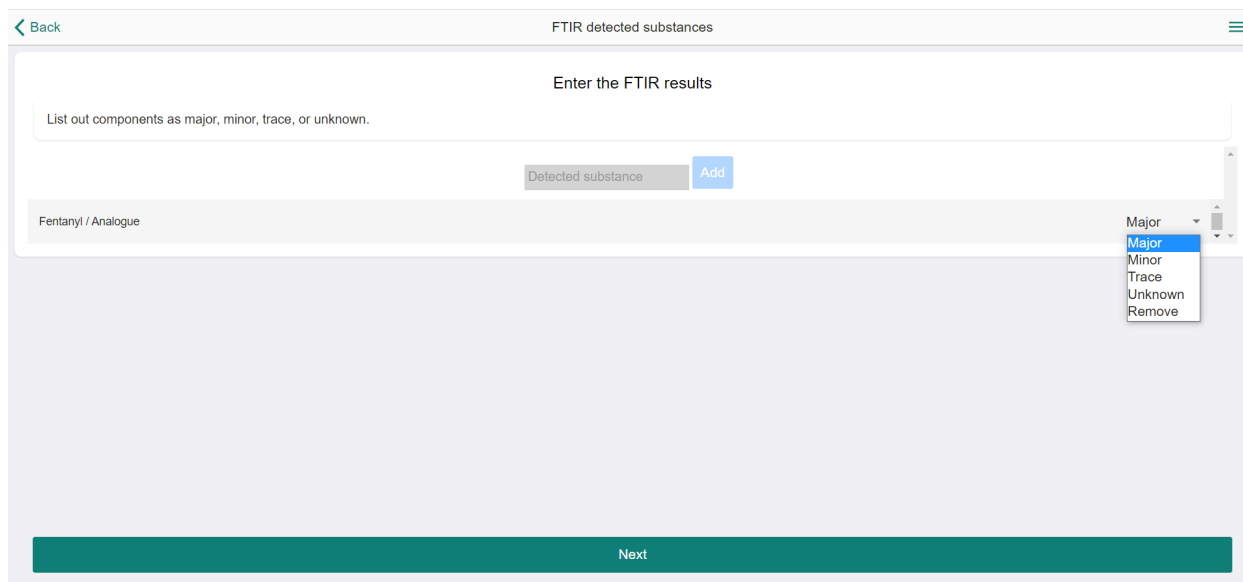


Figure 33, FTIR Detected Substances Results Page



8. If you are using RAMAN Spectroscopy, you may enter results in the field by selecting RAMAN Results on the Initial Results Page. Enter detected substances in the “Detected Substance” entry box and press **Add**. Use the drop-down list to designate if the component is identified with “High” or “Low Confidence”, or you are able to leave as “Unknown”. Press **Next**, add any final details, and press **Done**.

Back RAMAN detected substances

Enter the RAMAN results

List out components as high confidence, low confidence, or unknown.

Detected substance Add

Fentanyl (FYL) Unknown

Next

Figure 34, RAMAN Results

9. Press Done on the Initial Results page. When submitting Initial Results, you will be asked to specify a laboratory code associated with the sample. This is very important for pairing confirmatory lab results with your sample. Please be sure to enter the last four digits of the laboratory code on the sample baggie correctly in StreetCheck.
- If you send samples to DrugsData, the lab ID will be AC2023B followed by a series of four numbers (e.g. AC2023B0450)
 - If you send samples to CFSRE, the lab ID will be CFSRE_ followed by a series of four numbers (e.g. CFSRE_0450)
 - If you will not be sending the sample out for further testing, press "none."
10. Tap OK to assign the laboratory and laboratory code and complete submitting all collected initial result data to StreetCheck.
11. The last page is the Results Notification which allows you to disseminate access to the sample results using three distinct options tabbed along the bottom.

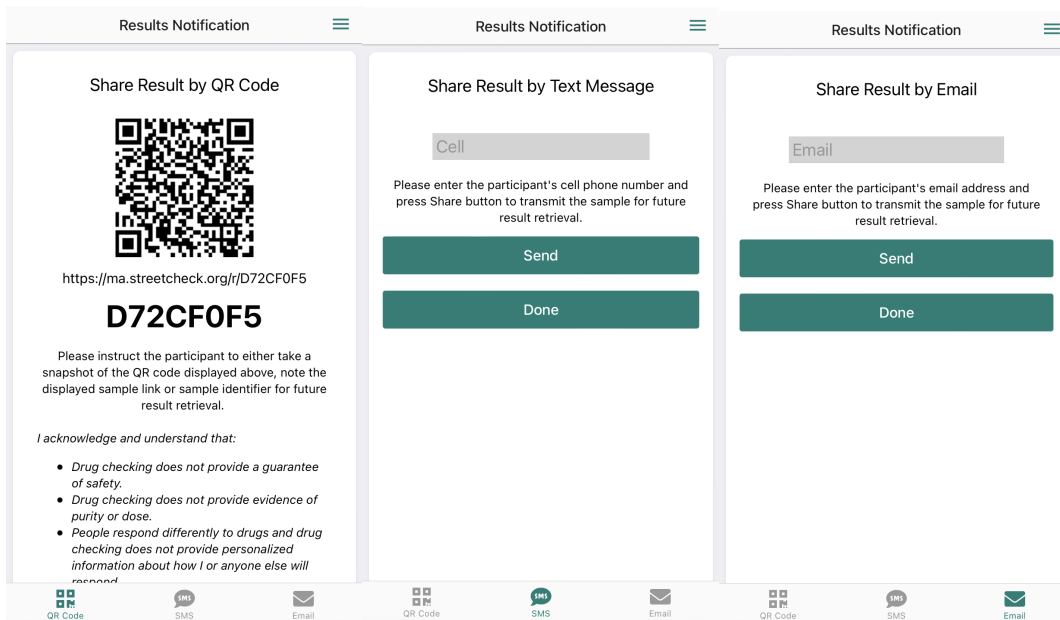


Figure 35, Results Notification via QR Code, SMS, or Email

- a. **QR Code** allows you to share the results via direct reference using either the QR code, URL or sample identifier all of which the participant can record either manually or by taking a snapshot of this screen.
- b. **SMS** allows you to share the results via SMS text message directly to the participant's cell phone. The participant will receive a text including all details required to check back routinely on the results as they settle. Enter the participant's cell number and then tap the **Send** button to send the text message. You may repeat this process for as many cell numbers that you want to send details to.*Participants will receive a one time unique link - Street Check will not save phone numbers in system unless you select the check box consenting to receive updates for new results added*
- c. **Email** allows you to share the results via email directly to the participant. The participant will receive an email including all details required to check back routinely on the results as they settle. Enter the participant's email address and then tap the **Send** button to send the email message. You may repeat this process for as many email addresses that you want to send details to.*Street Check will not save email addresses in system unless you select the check box consenting to receive updates for new results added*

3.3 Editing a Sample in the Collector

Using the two tabbed lists along the bottom of the Collector landing page or the search feature to navigate, select the sample you wish to edit. Once a sample is selected, tap on any detail to edit its values and be navigated to the screen used to edit that particular value. Tap **Done** to save.