TAB Technical Assistance to Brownfields | Kansas State University

Beyond Inventory

Using BiT for Project Management and Community Asset Mapping in Tribal Programs

ksutab.org

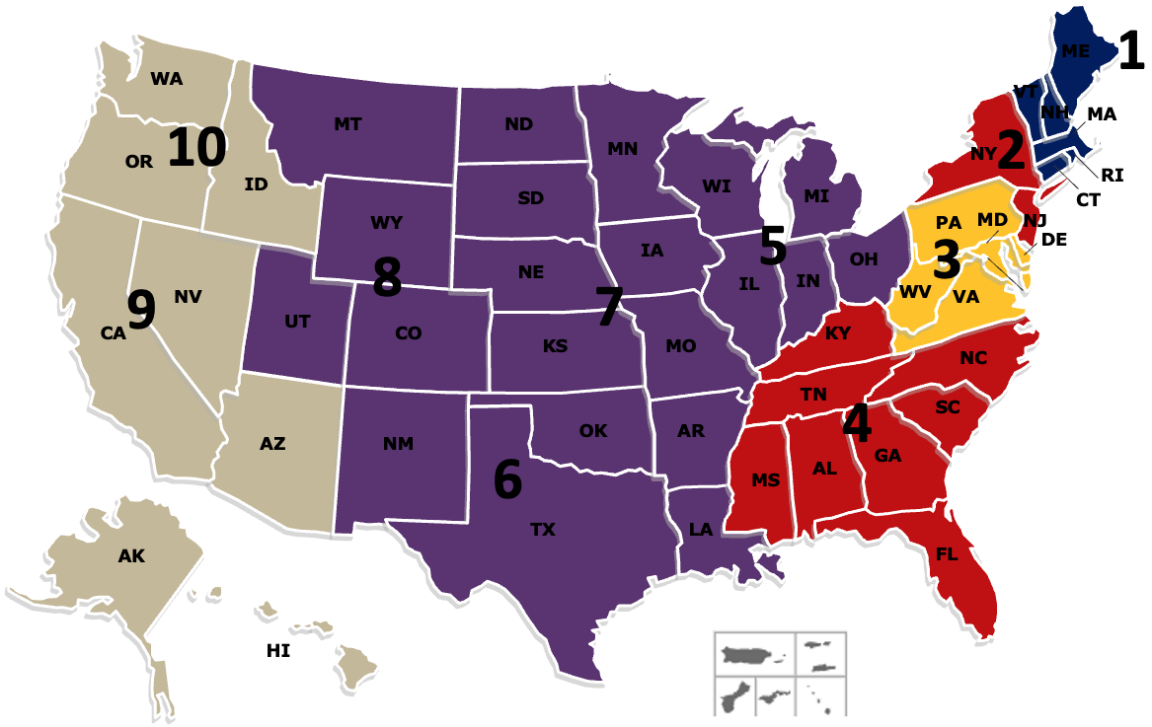
TAB Region 1 | NJIT TAB Technical Assistance to Brownfield Communities | Mid-Atlantic TAB Technical Assistance to Brownfields Communities | TAB Technical Assistance to Brownfields | Kansas State University | Center for Creative Land Recycling | Tribal TAB

Speakers

Kate Lucas, AICP
KSU TAB *Assistant Regional Director in EPA Region 8*

Maggie Belanger
Senior Director, Center for Hazardous Substance Research (CHSR)

Technical Assistance to Brownfields (TAB)



What is TAB?

- A national program funded by U.S. EPA
- Dedicated TAB services provider for each EPA region & a dedicated TAB services provider for all federally recognized Tribes & Alaska Native villages
- Services provided are **FREE** and tailored to address specific community needs
- Assist communities and tribes with the brownfield assessment, cleanup and redevelopment process
- Planning, environmental and economic development expertise
- Webinars, workshop, e-tools (e.g., BiT, TAB EZ) and online resources
- And much, much more…

Who are the **TAB Service Providers?**

University of Connecticut – EPA Region 1

New Jersey Institute of Technology (NJIT) – EPA Regions 2 & 4

Mid-Atlantic TAB – EPA Region 3

Kansas State University (KSU) – EPA Regions 5, 6, 7, & 8

Center for Creative Land Recycling (CCLR) – EPA Regions 9 & 10

KSU – ITEP – ANTHC – Tribal TAB

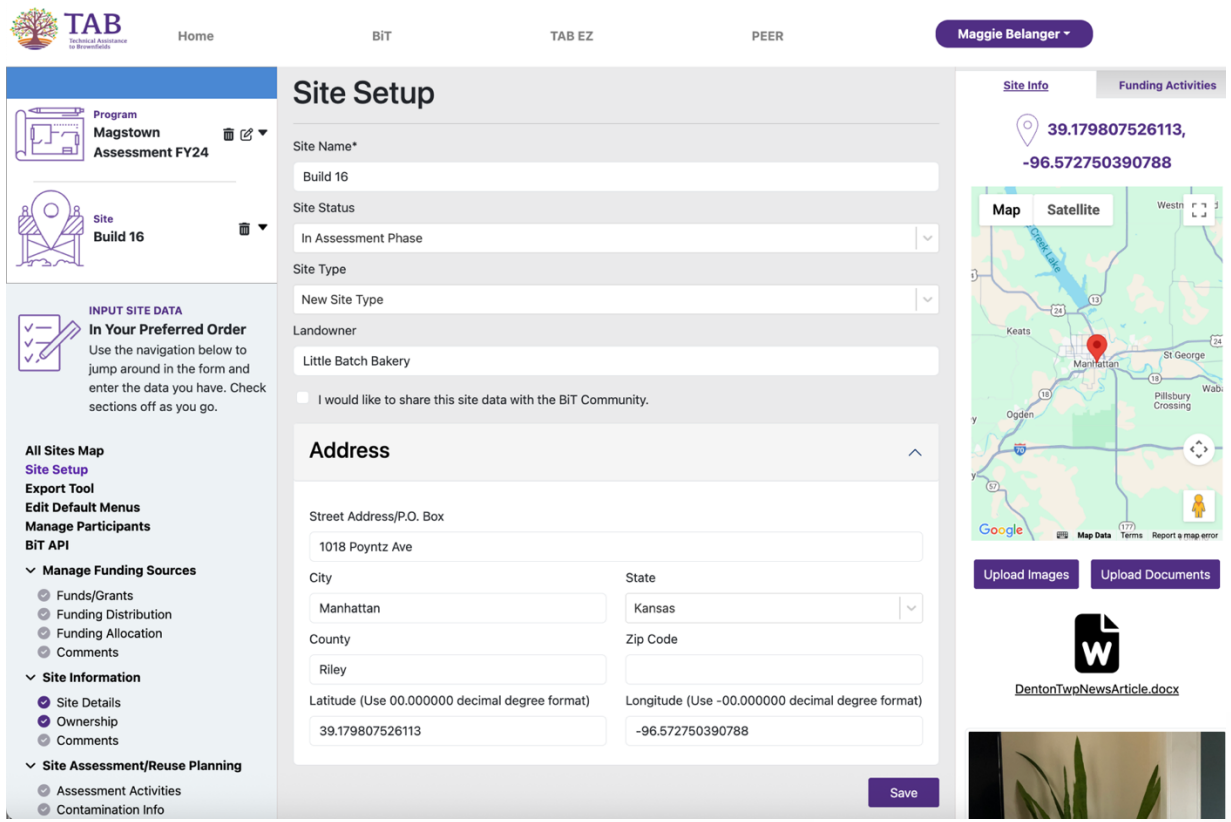
Introducing BiT

Brownfields Inventory Tool

Understanding BiT

Structured to mirror the property redevelopment process

- Site Information
  - ➢ Site Details - name, address, site type and status, GPS, property ownership
  - ➢ Map sites
- Track the property through Assessment, Cleanup, and Redevelopment
  - ➢ Activities, inspections, contaminants, impacted media, receptors
- Document & Track Institutional Controls and Complaints
- Manage Funding Sources
- Export data



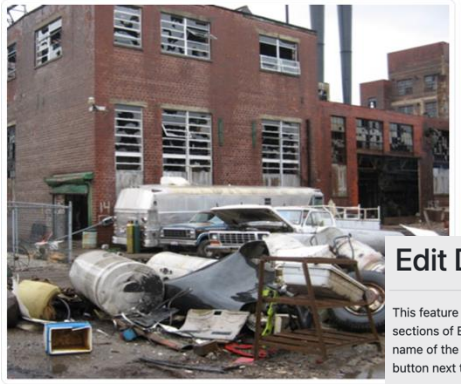
Beyond Inventory

Single Repository for Project Management and Planning

BiT Brownfield Inventory Tool

Upload Images | Upload Documents

DurandMI.CommunityVisioningSimplicityBuilding.Report.10112019.pdf



BFBasics.004.png

Phase I Site Assessment Document.pdf

Manage Participants

Users may add other registered BiT users as collaborators to a designated program. Program collaborators may be granted Admin, Collaborator, or View Only permissions. An Admin has full access to edit, add, and/or delete data within any section including programs, site data, funding sources, participants, default menus, and can import or export data. A Collaborator can edit, add, and/or delete all site data and site activities but cannot add/delete programs, manage participants, edit default menus, add/edit/delete funding sources, nor import or export data. View Only permission allows other users to view data within a BiT program but are unable to manipulate any of the data. Please be mindful of the permission level granted to ensure it is appropriate for the designated collaborator.

To add a collaborator, type their email, select a permission level, then click Send Invitation. The collaborator will receive an email inviting them to join the BiT program. Collaborators may be added or removed at any time.

Add Users

Email

Admin | Collaborator | View Only

Send Invitation

Program Collaborators

Edit Default Menus

This feature allows users to add or delete new entries from a default list of items shown in each dropdown menu found on different sections of BiT. Additions may be made by selecting a menu from the dropdown list below, clicking the Add Item button, then typing the name of the item to be added. Click Save. To delete an added item, select the appropriate menu from the dropdown and click the X button next to the item.

Note: Default entries cannot be deleted.

The default menus contain many entries needed for reporting in the EPA ACRES database. New values added to the dropdown menus may not be recognized by EPA. Please review all entries on the ACRES Interface and edit accordingly before exporting to ACRES.

Select Menu To Edit: Add Item

Select...

If it is unknown whether or not a cleanup is necessary, indicate the appropriate reason

Inspection/Regulatory Program

Land Ownership Status

Media Affected

Owner Qualification

Ownership Entity

Receptors / Targets

Reference Point

Complaints

Select a Record

August 2025

August 2025 | Rename Record

Complaint Details

Preparer

Date complaint logged

Date of complaint event

Possible violations identified

Complaint Details

Funding Distribution

Select a Record

FY22 Community Wide Assessment | New Record | Delete Record

FY22 Community Wide A | Rename Record

Distribution of Funds/Grants to Sites

Search | Filters | Clear

Funded Site	Funded Activity	Cost Share
Test of New Site	Phase I Environmental Assessment	$3,000.00
Burger King	Phase I Environmental Assessment	$2,400.00
Burger King	Phase II Environmental Assessment	$9,999,999.00

Rows per page: 10 | 1-3 of 3

Do you Use Bit?

Are you familiar with BiT?

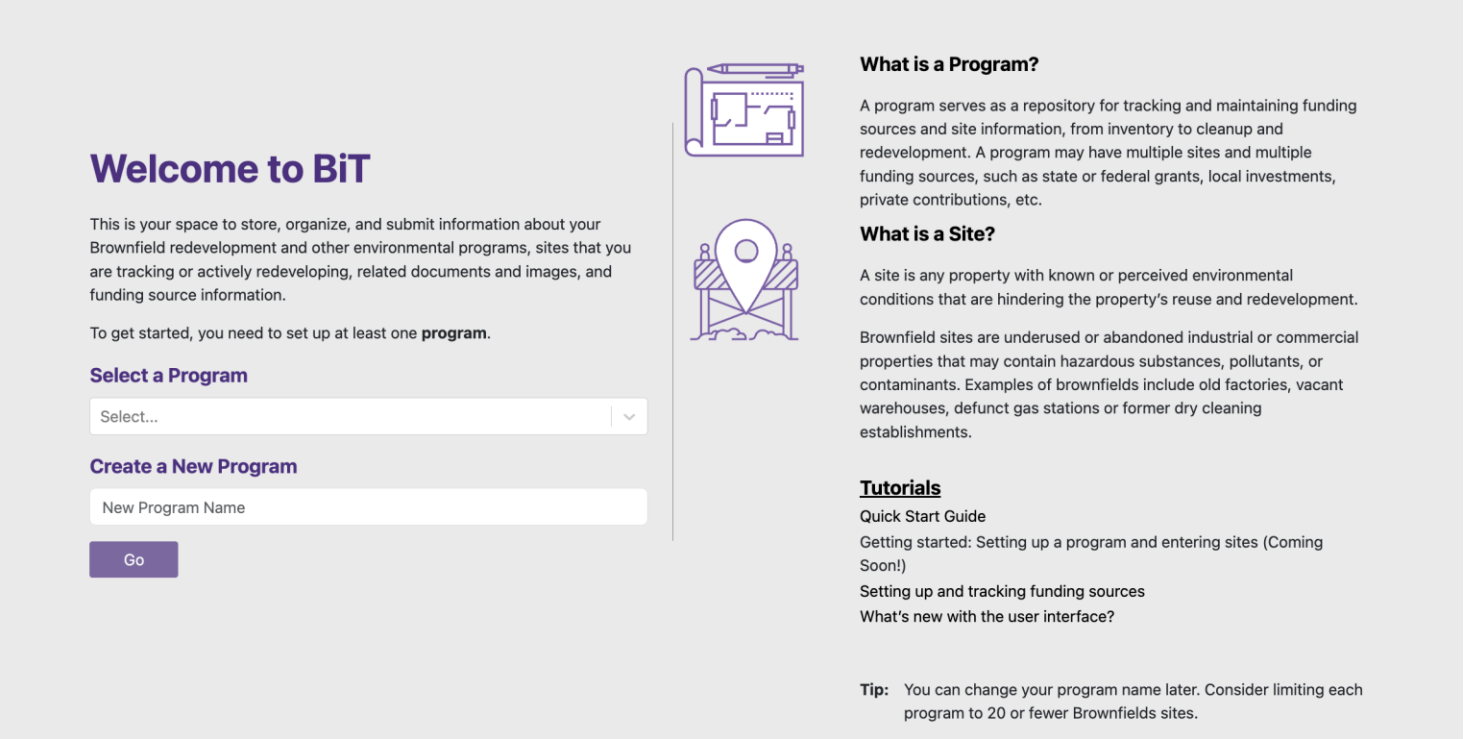
Have you used BiT Mobile?

Getting Started

Create a Program

Tips for Program Name:

- Funding/Grant Specific
- Site Types
- Location Specific (County, City, District)
- Unique to the sites contained within the program



Invite Collaborators

Administrative Functions

Manage Participants

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To add a collaborator, type their email, select a permission level, then click Send Invitation. The collaborator will receive an email inviting them to join the BiT program. Collaborators may be added or removed at any time.

Add Users

Email

○ Admin ○ Collaborator ○ View Only

Send Invitation

Program Collaborators

Program Collaborators

Admins

☐

☐ **Maggie Belanger**
maggiejessie@ksu.edu

☐ **Mags Egbarts**
mje99@hotmail.com

Collaborators

No Collaborators added yet

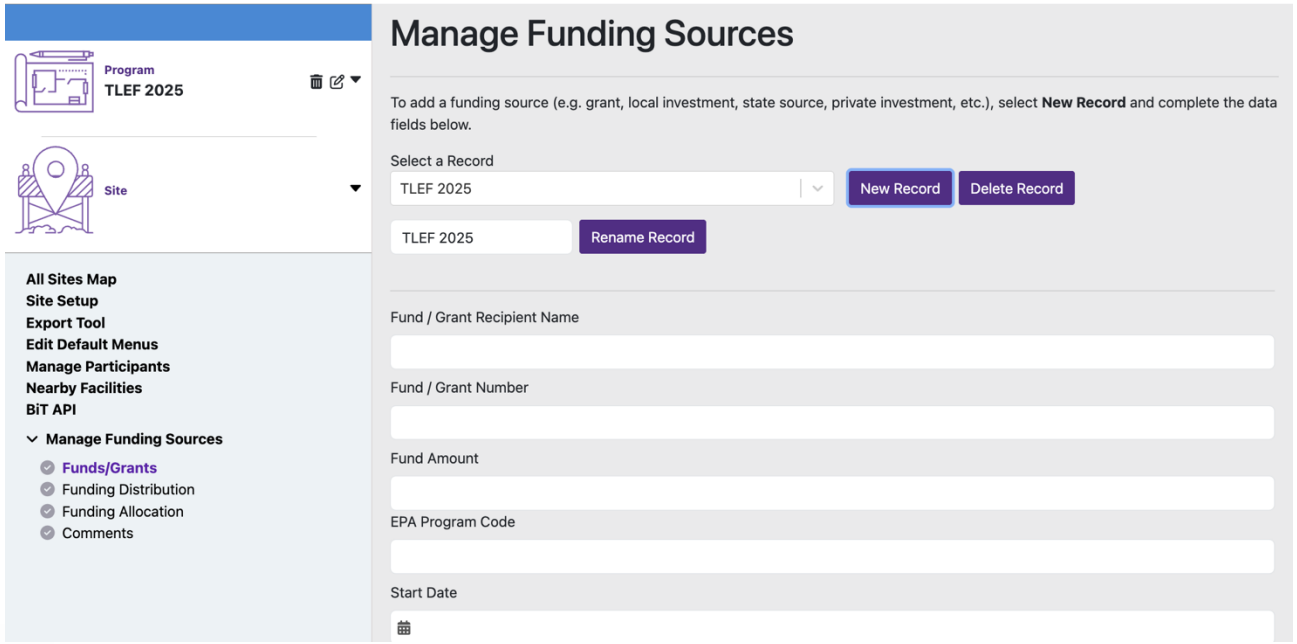
View Only

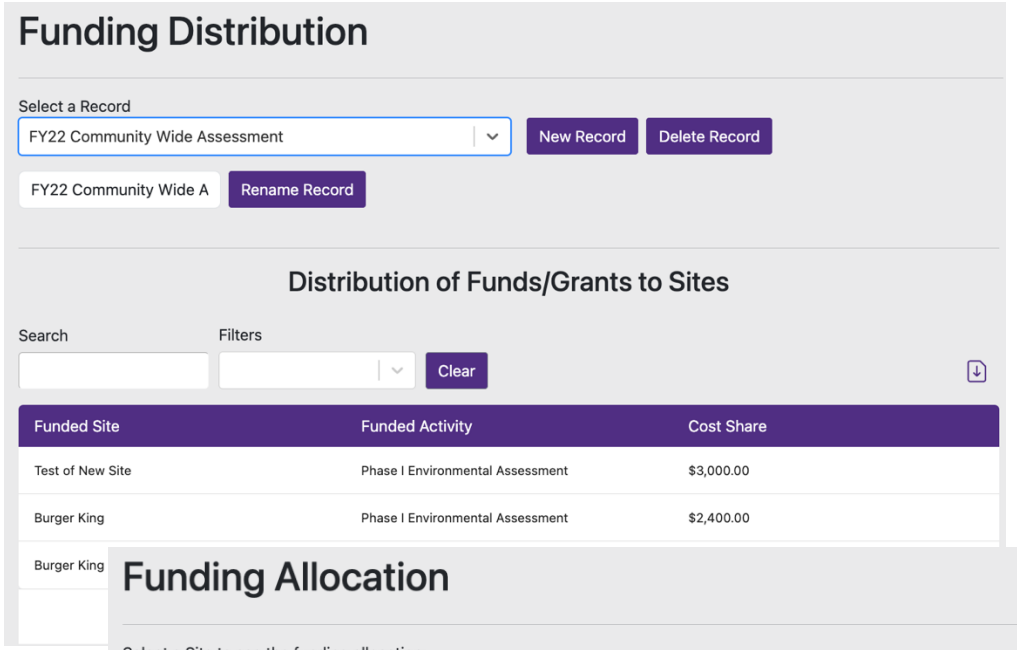
☐ jrohter@ksu.edu

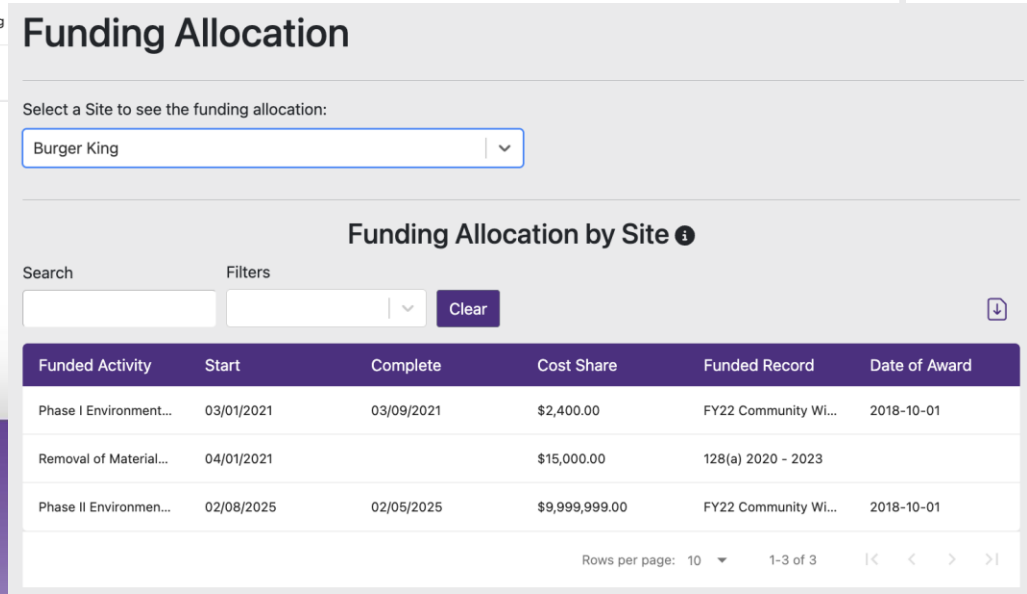
Remove Selected Users

Manage Funding Sources

Administrative Functions





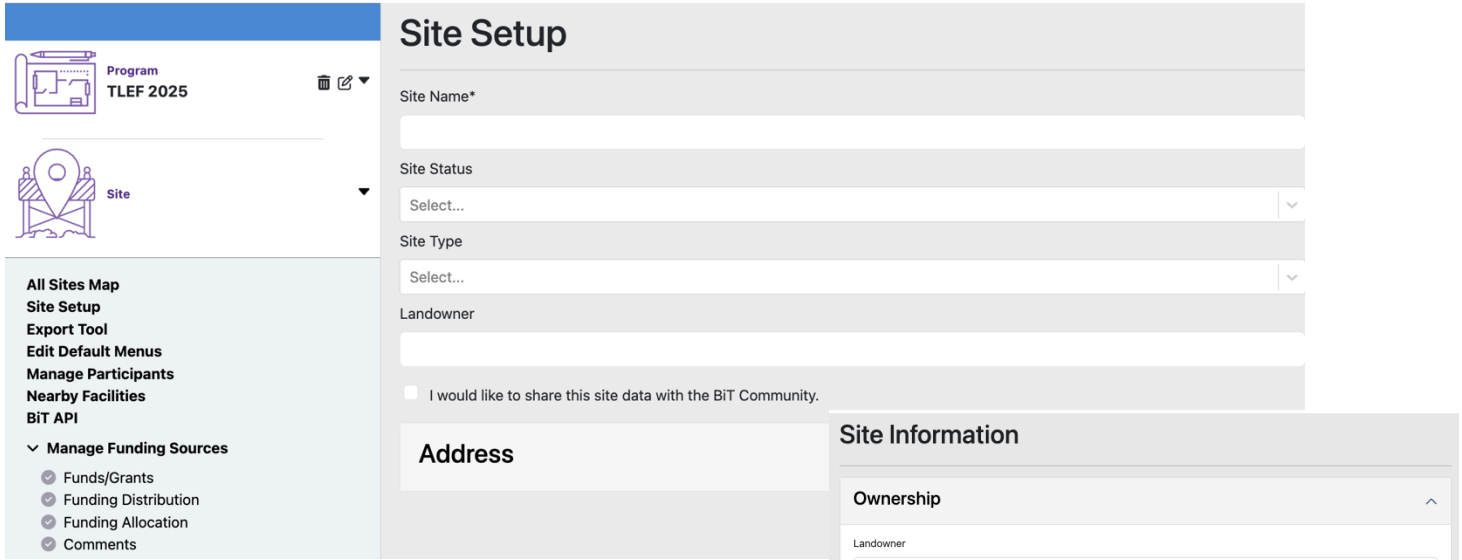


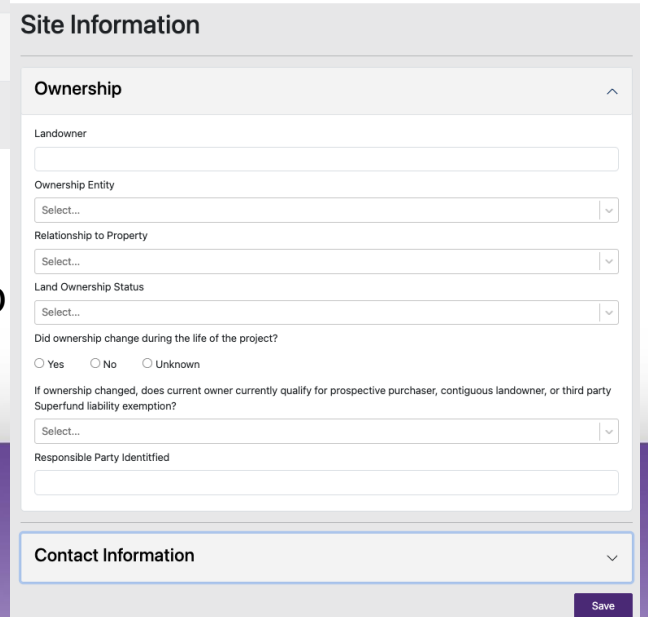
Add Sites

Site Details

BiT Brownfield Inventory Tool

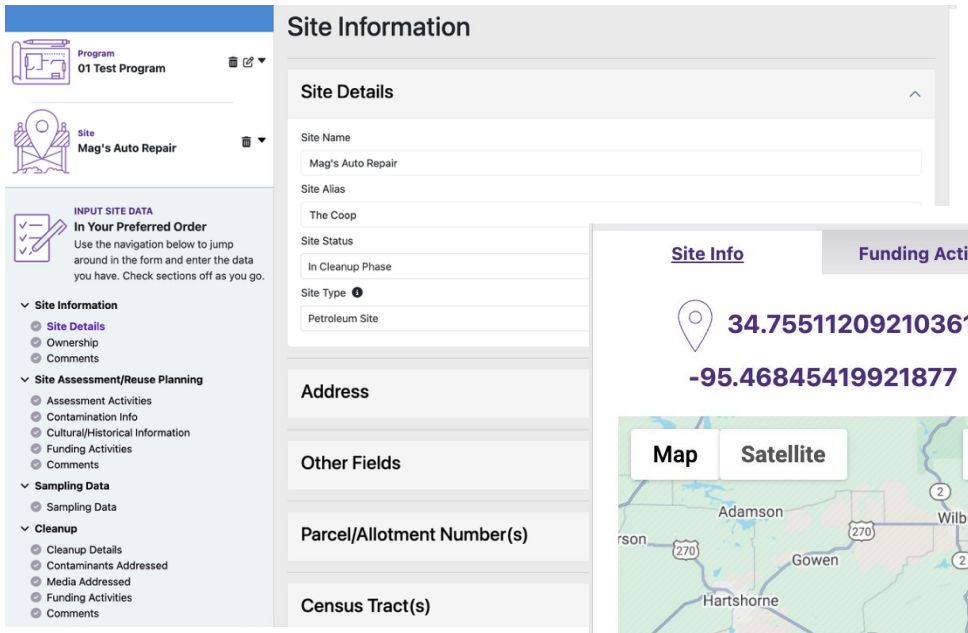
Create a new site

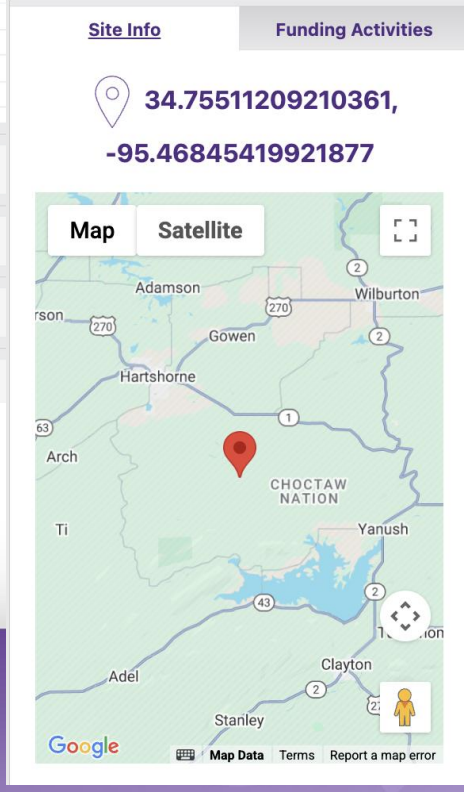




Document Ownership

Detail site information

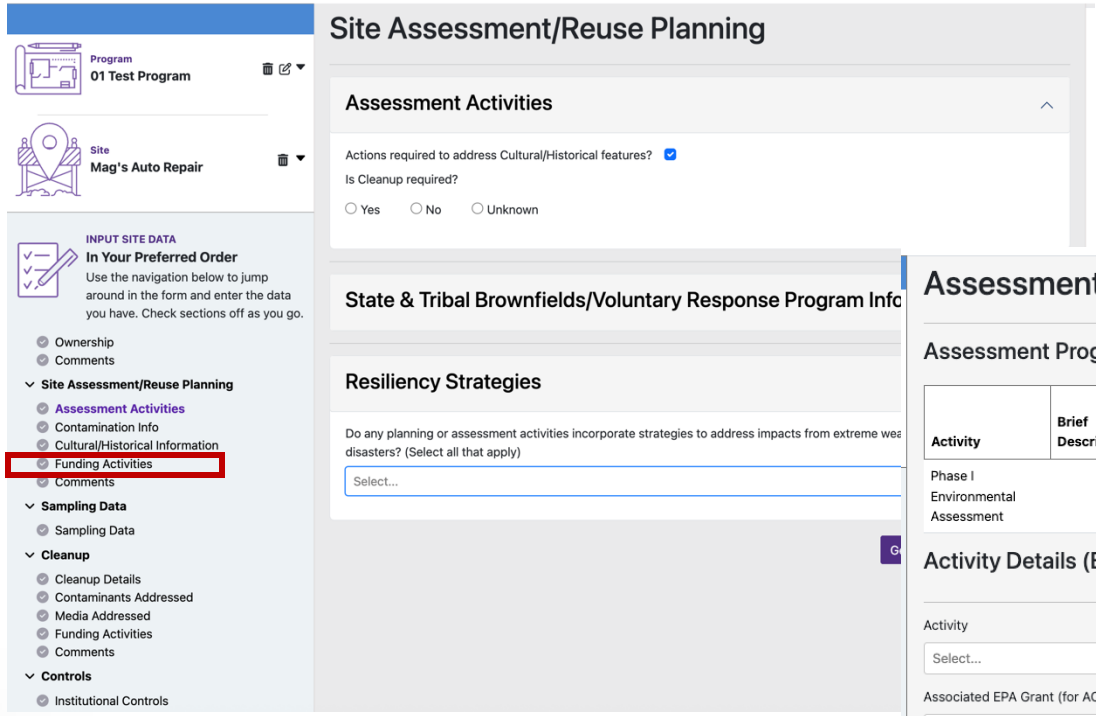


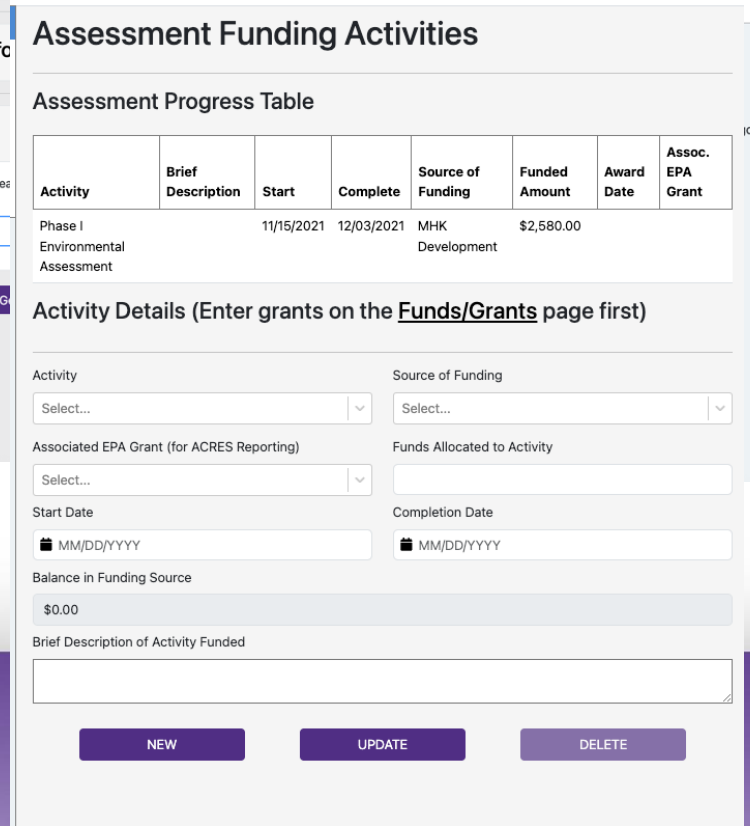


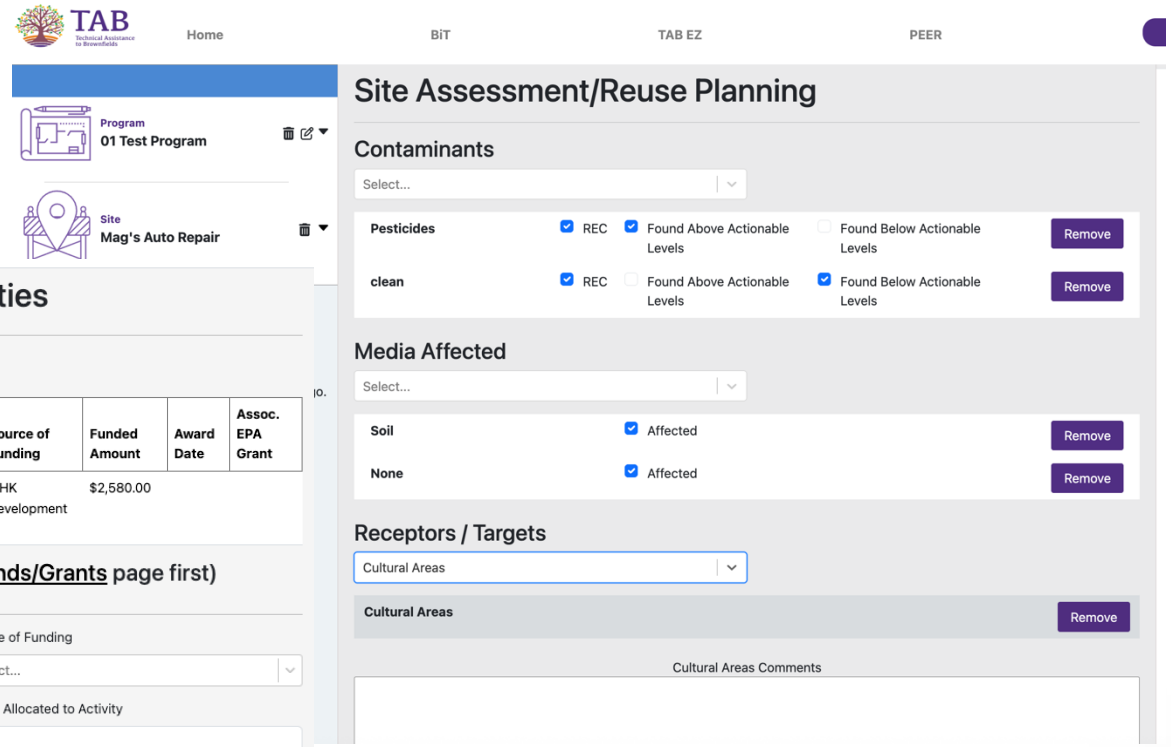
Use the map to move the dropped pin and get lat/long coordinates.

Site Assessment Activities

Track Assessment Activities and Contamination Information







Site Cleanup and Redevelopment

Track Cleanup Activities and Redevelopment Information

Site
Mag's Auto Repair

BiT
Brownfield Inventory Tool

INPUT SITE DATA

In Your Preferred Order

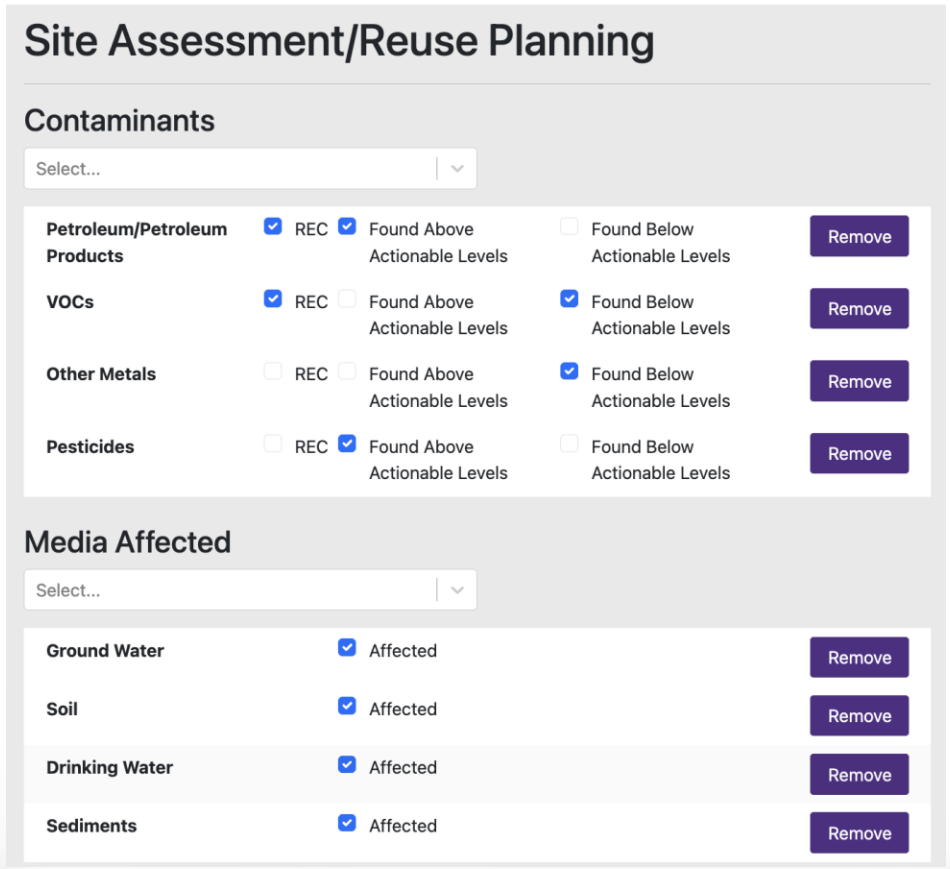
Use the navigation below to jump around in the form and enter the data you have. Check sections off as you go.

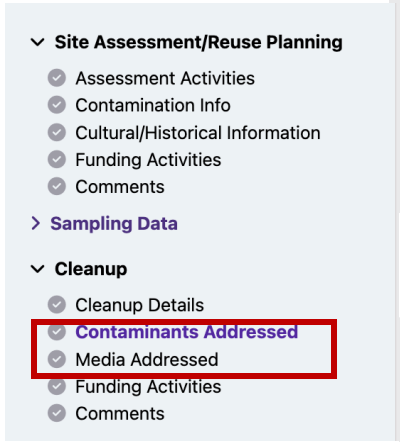
- **Site Assessment/Reuse Planning**
  - Assessment Activities
  - Contamination Info
  - Cultural/Historical Information
  - Funding Activities
  - Comments
- **Sampling Data**
- **Cleanup**
  - **Cleanup Details**
  - Contaminants Addressed
  - Media Addressed
  - Funding Activities
  - Comments
- **Controls**
- **Redevelopment/Reuse**
  - Redevelopment/Reuse Details
  - Current Infrastructure
  - Funding Activities
  - Future Use & Highlights
- **Complaints**

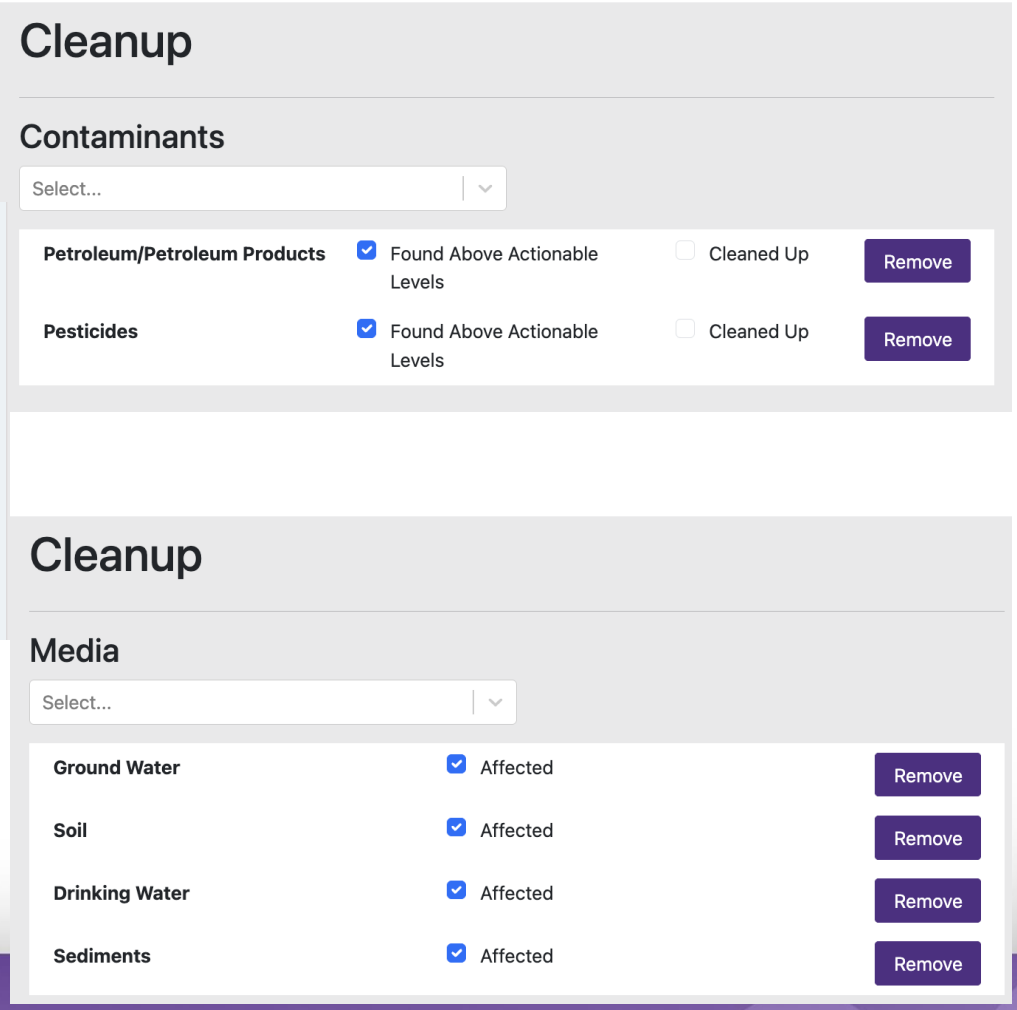
Site Cleanup Activities

BiT Brownfield Inventory Tool

Track Cleanup Activities and Contamination Addressed

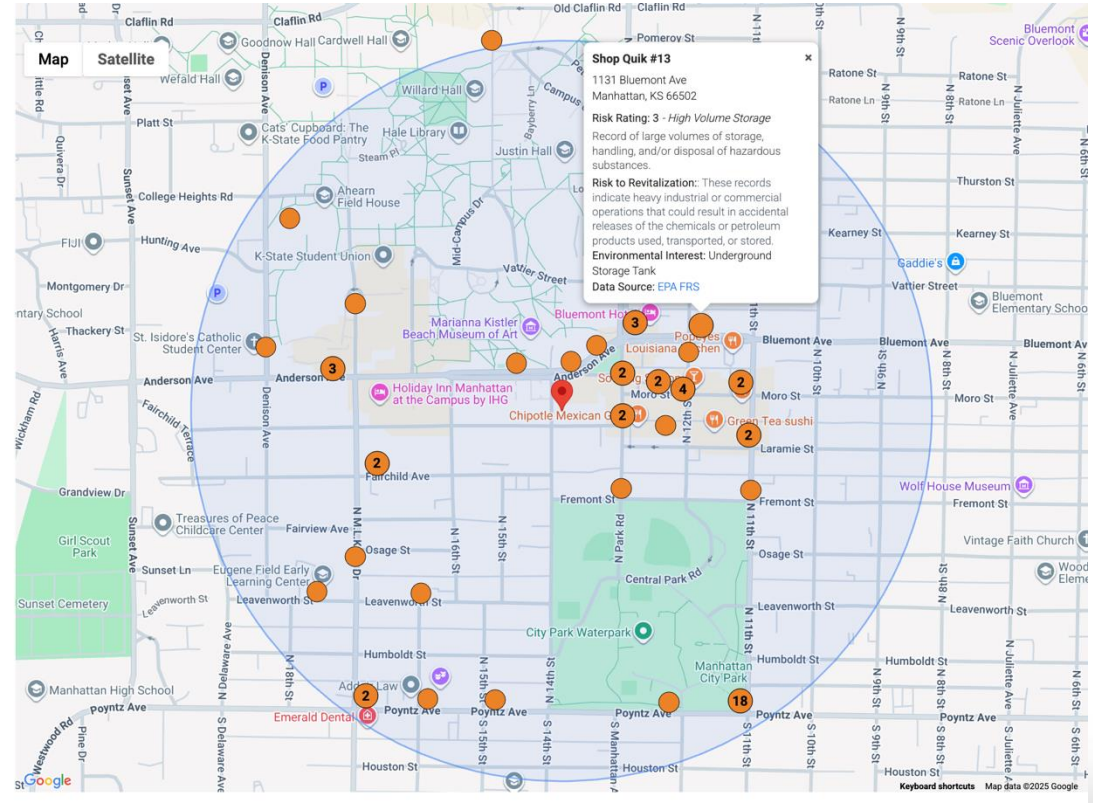




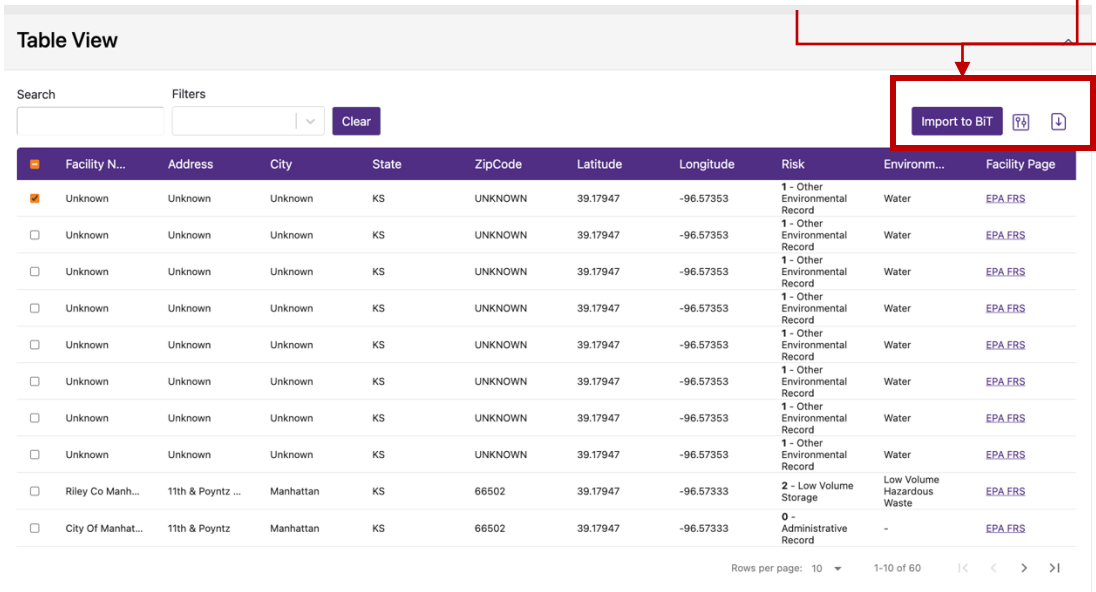


Nearby Facilities

Evaluate and Prioritize Sites Based on Nearby Facilities



Import sites into your BiT Program or download the list.



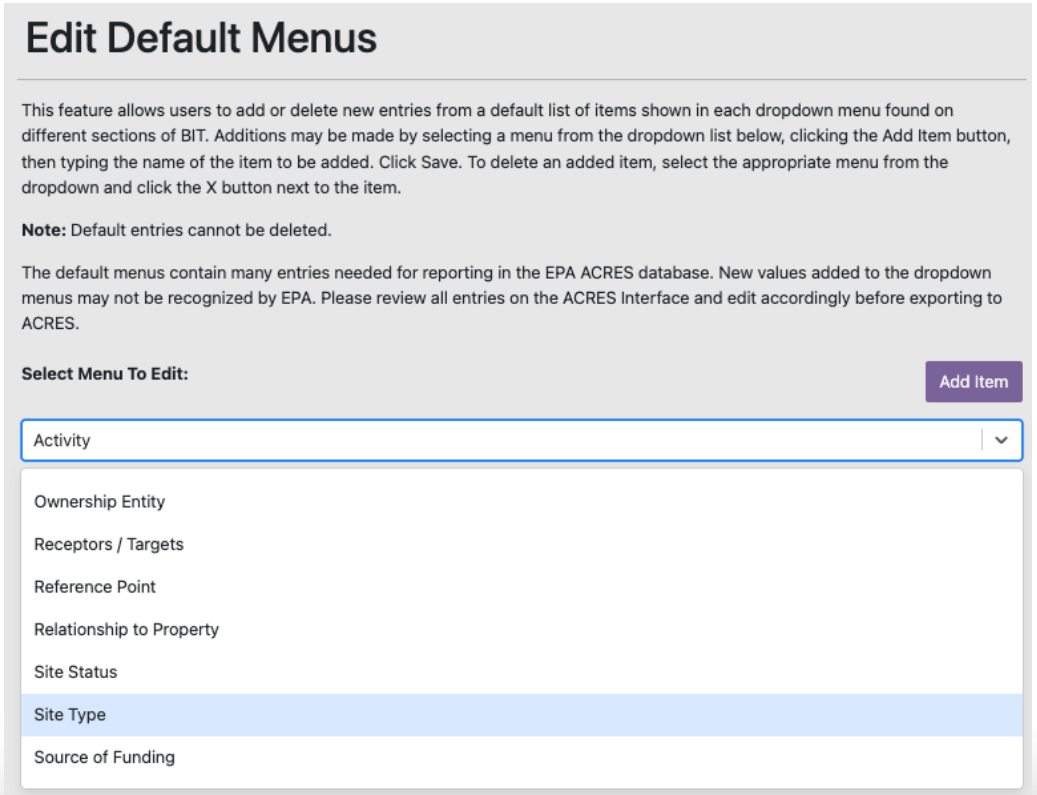
Facility N...	Address	City	State	ZipCode	Latitude	Longitude	Risk	Environm...	Facility Page
Unknown	Unknown	Unknown	KS	UNKNOWN	39.17947	-96.57353	1 - Other Environmental Record	Water	EPA FRS
Unknown	Unknown	Unknown	KS	UNKNOWN	39.17947	-96.57353	1 - Other Environmental Record	Water	EPA FRS
Unknown	Unknown	Unknown	KS	UNKNOWN	39.17947	-96.57353	1 - Other Environmental Record	Water	EPA FRS
Unknown	Unknown	Unknown	KS	UNKNOWN	39.17947	-96.57353	1 - Other Environmental Record	Water	EPA FRS
Unknown	Unknown	Unknown	KS	UNKNOWN	39.17947	-96.57353	1 - Other Environmental Record	Water	EPA FRS
Unknown	Unknown	Unknown	KS	UNKNOWN	39.17947	-96.57353	1 - Other Environmental Record	Water	EPA FRS
Unknown	Unknown	Unknown	KS	UNKNOWN	39.17947	-96.57353	1 - Other Environmental Record	Water	EPA FRS
Unknown	Unknown	Unknown	KS	UNKNOWN	39.17947	-96.57353	1 - Other Environmental Record	Water	EPA FRS
Riley Co Manh...	11th & Poyntz ...	Manhattan	KS	66502	39.17947	-96.57333	2 - Low Volume Storage	Low Volume Hazardous Waste	EPA FRS
City Of Manhat...	11th & Poyntz	Manhattan	KS	66502	39.17947	-96.57333	0 - Administrative Record	-	EPA FRS

Rows per page: 10 1-10 of 60

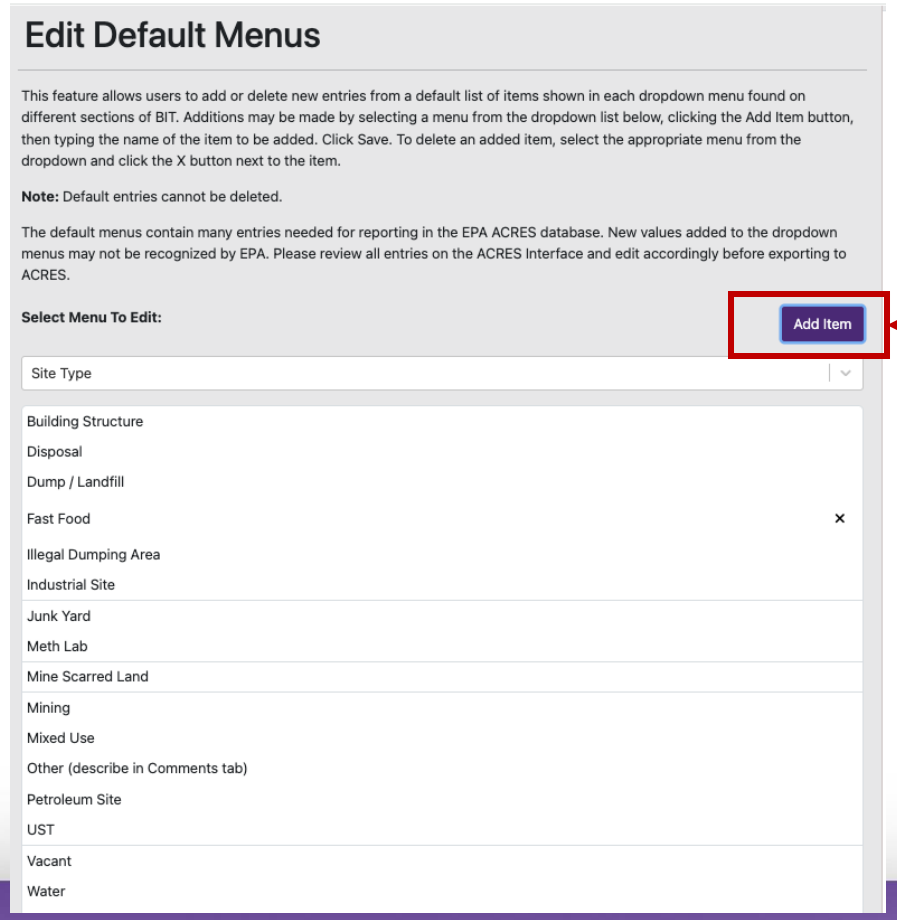
Edit Menus

Customize to meet your specific needs.

BiT Brownfield Inventory Tool

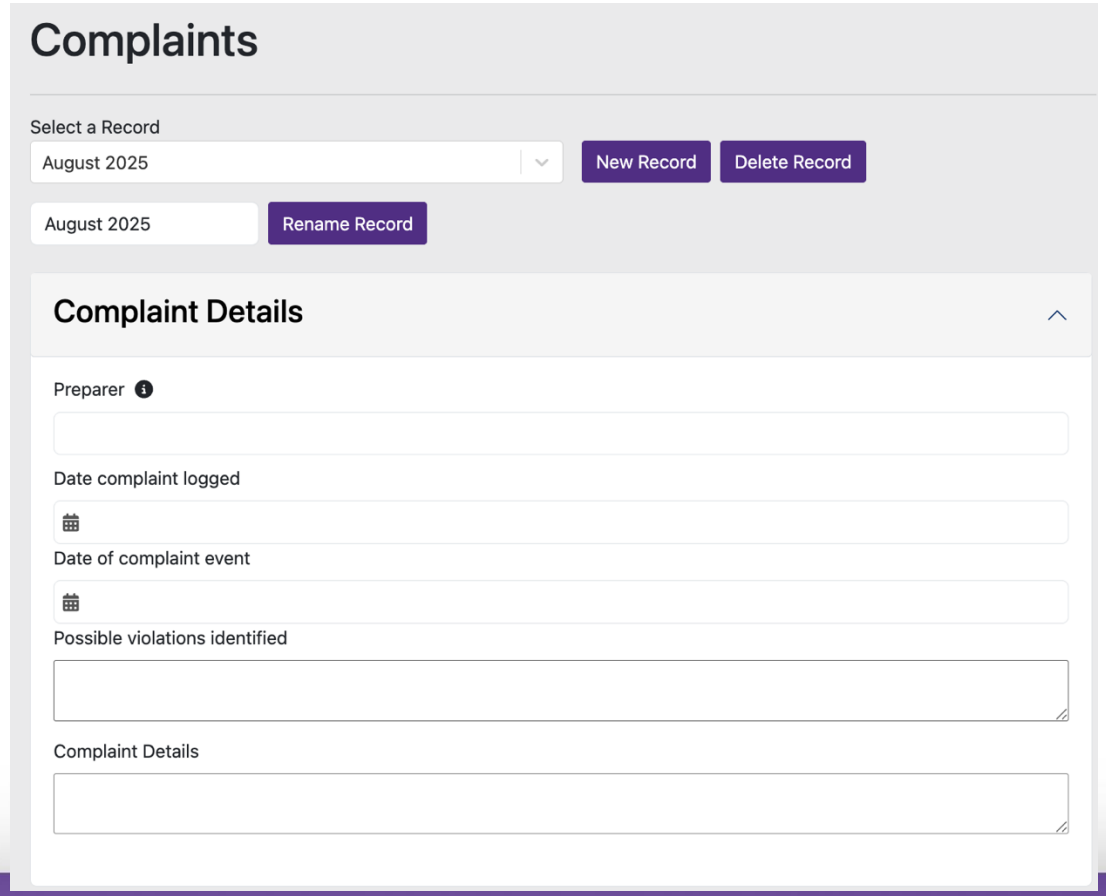


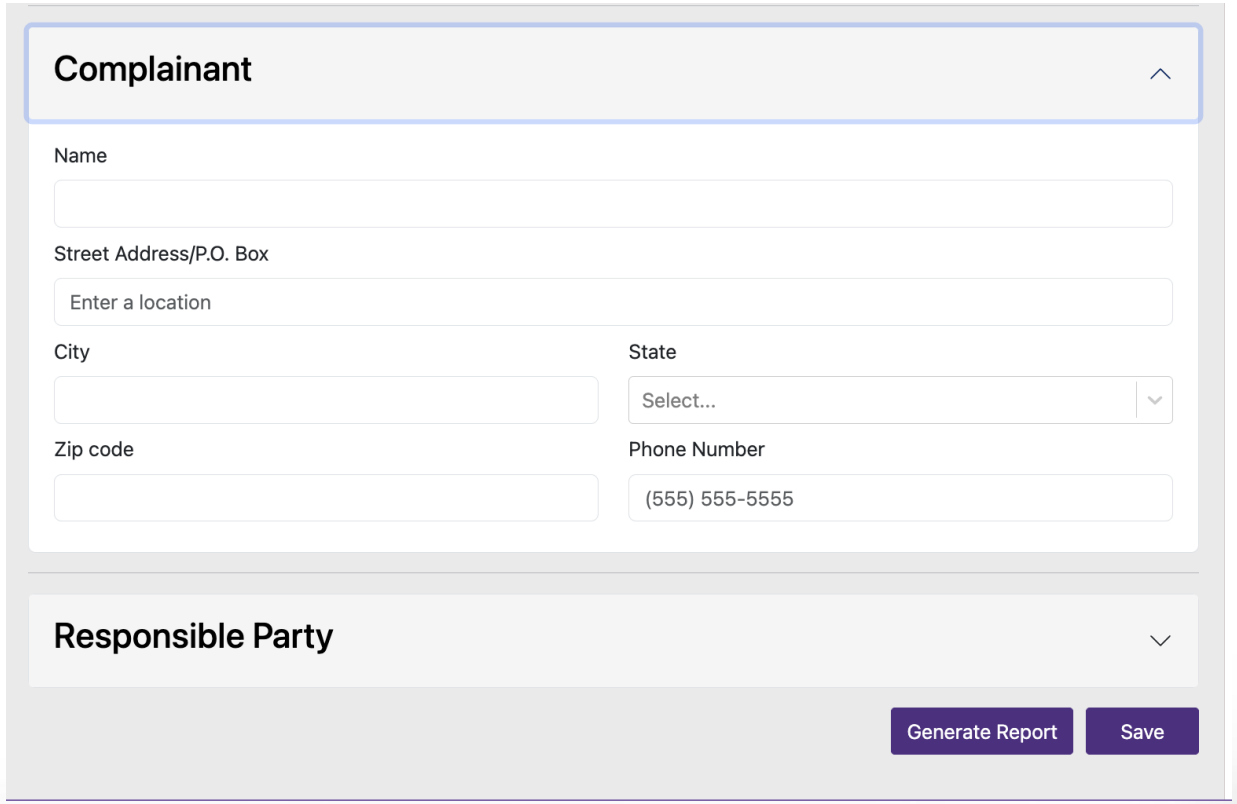
See something missing?
Add an item



Complaints

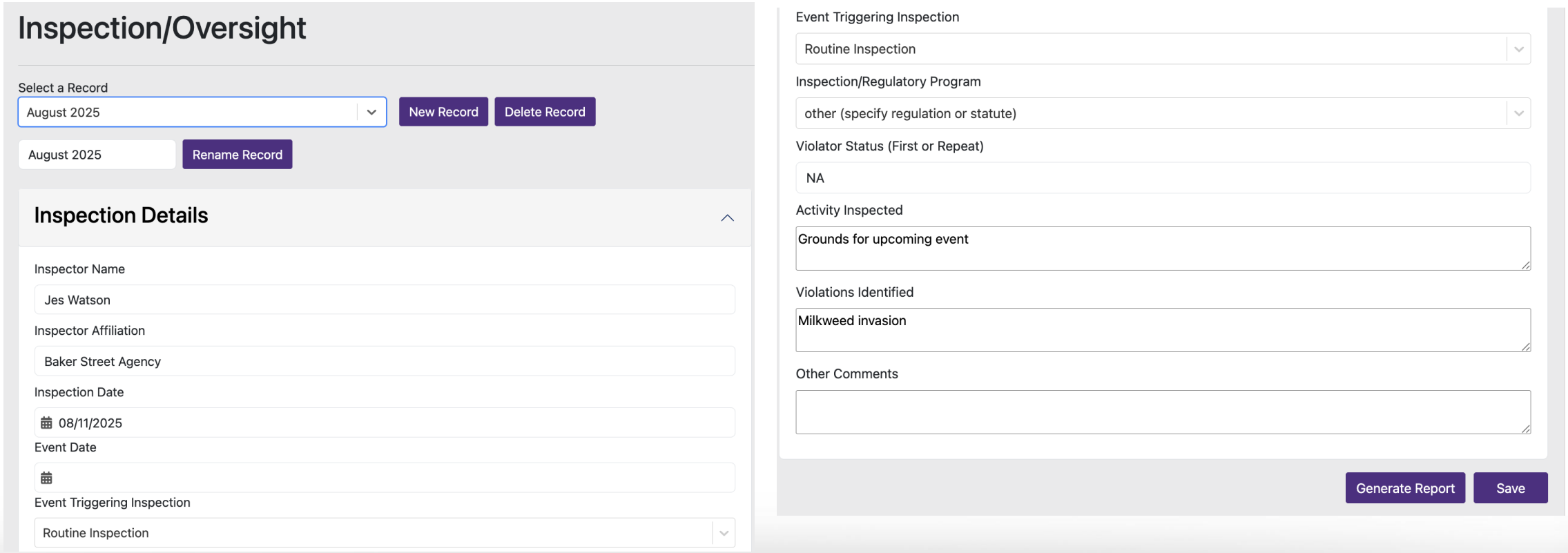
Keep records of complaints received and follow up actions.





Inspections

Record Routine Inspections of sites & properties

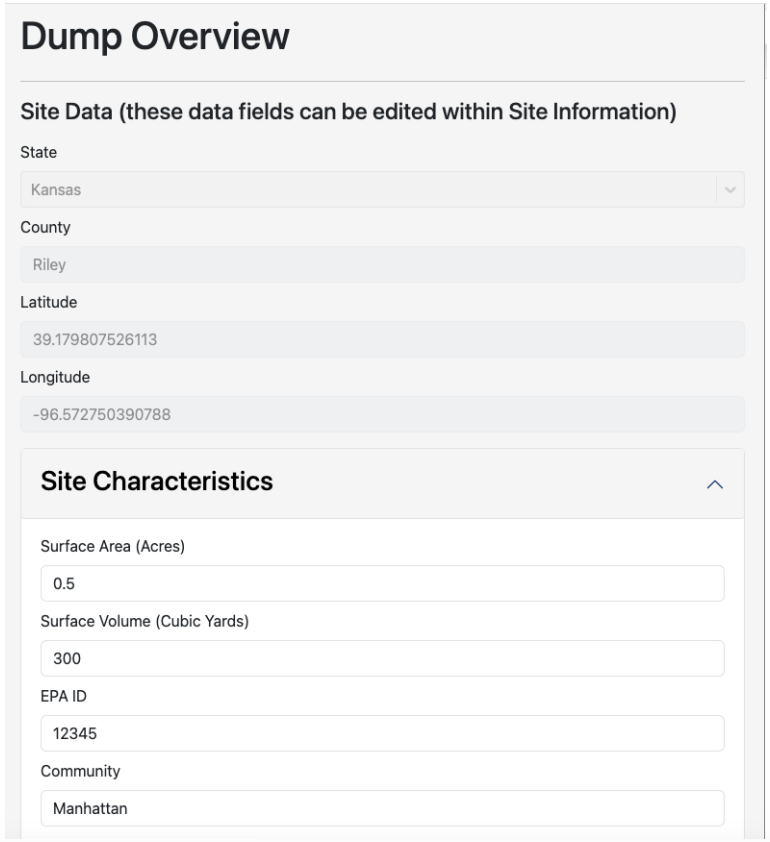


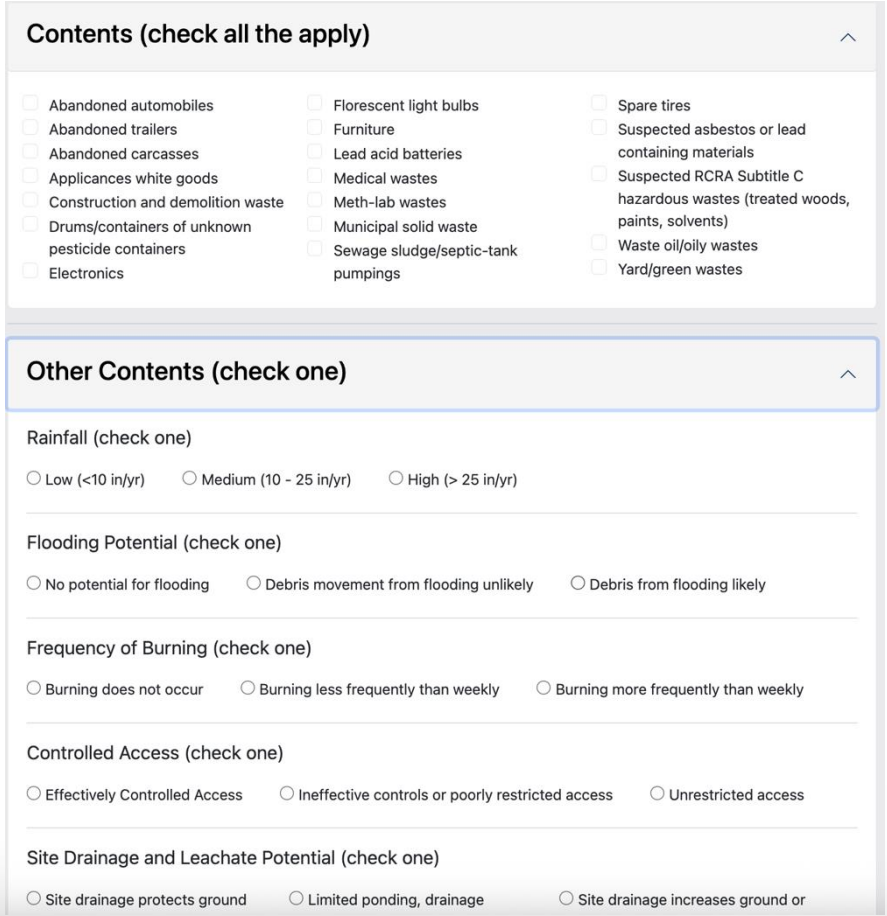
Open Dump Survey

Document open dumps consistent with IHS form.

BiT Brownfield Inventory Tool

- Dump Overview
- Hazard Factors
- Proximity Factors
- Comments
- Generate Report





Open Dump Survey

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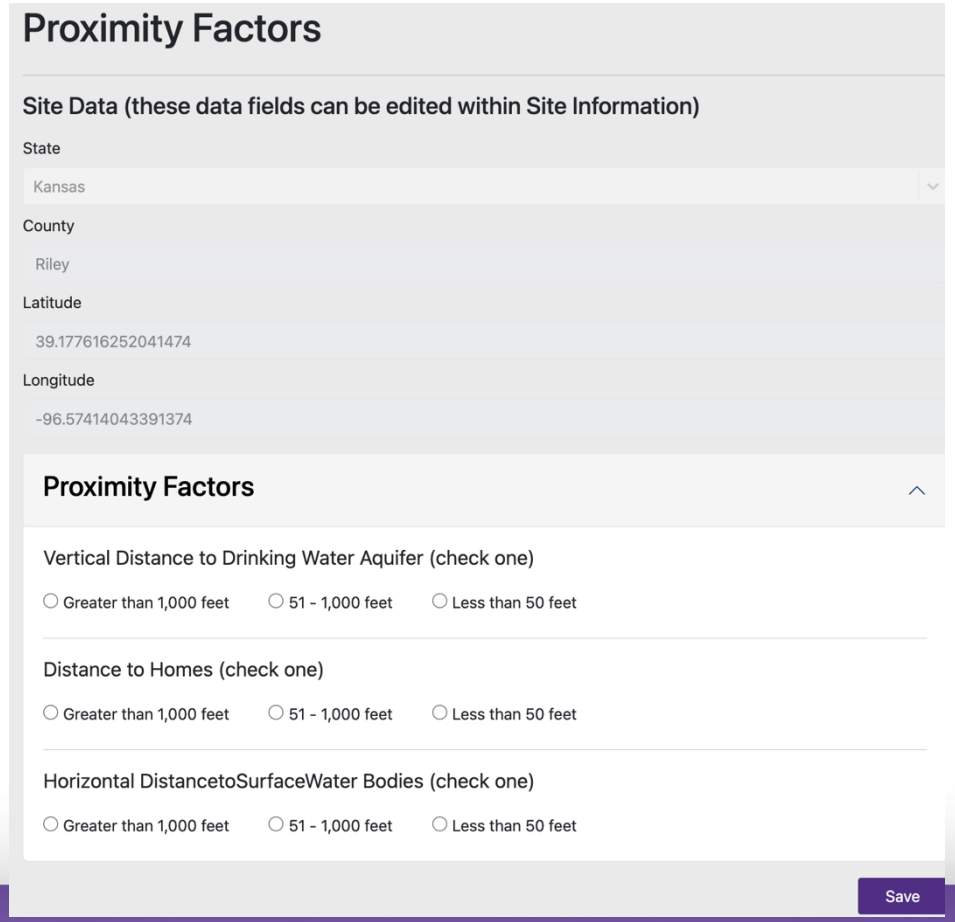
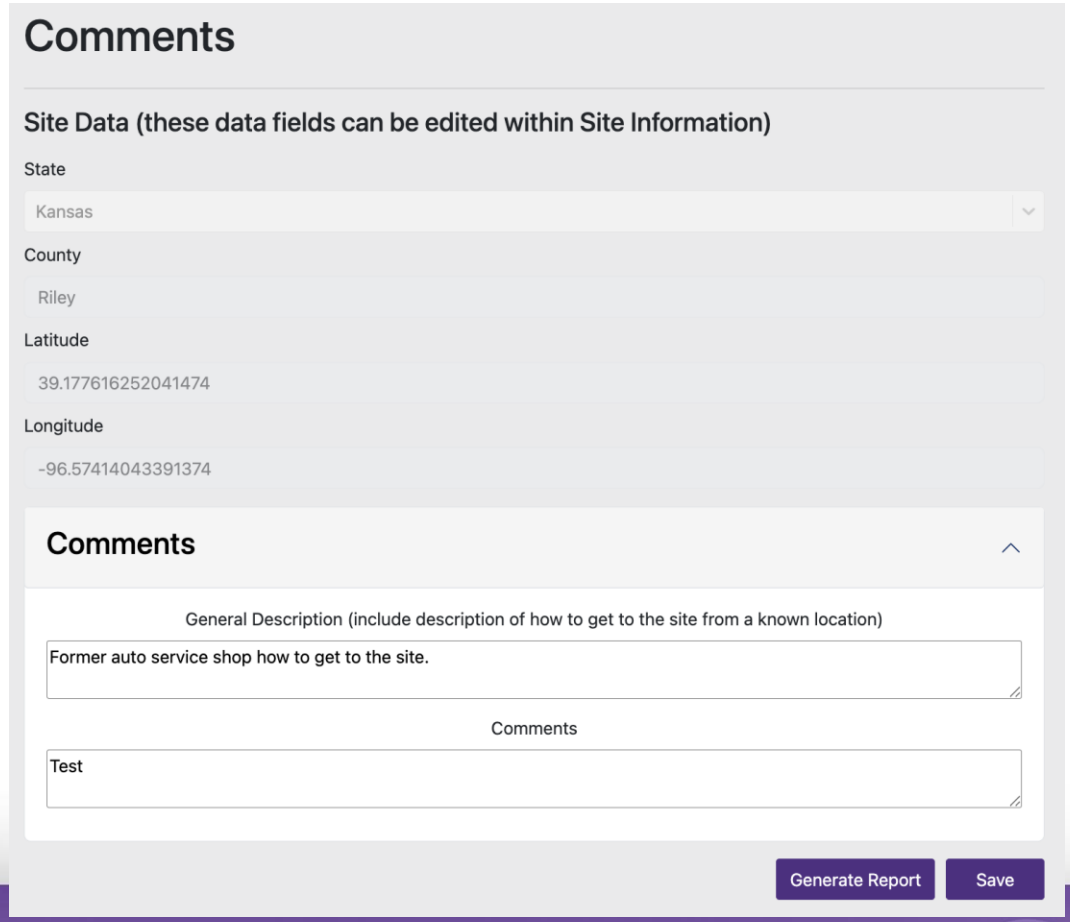
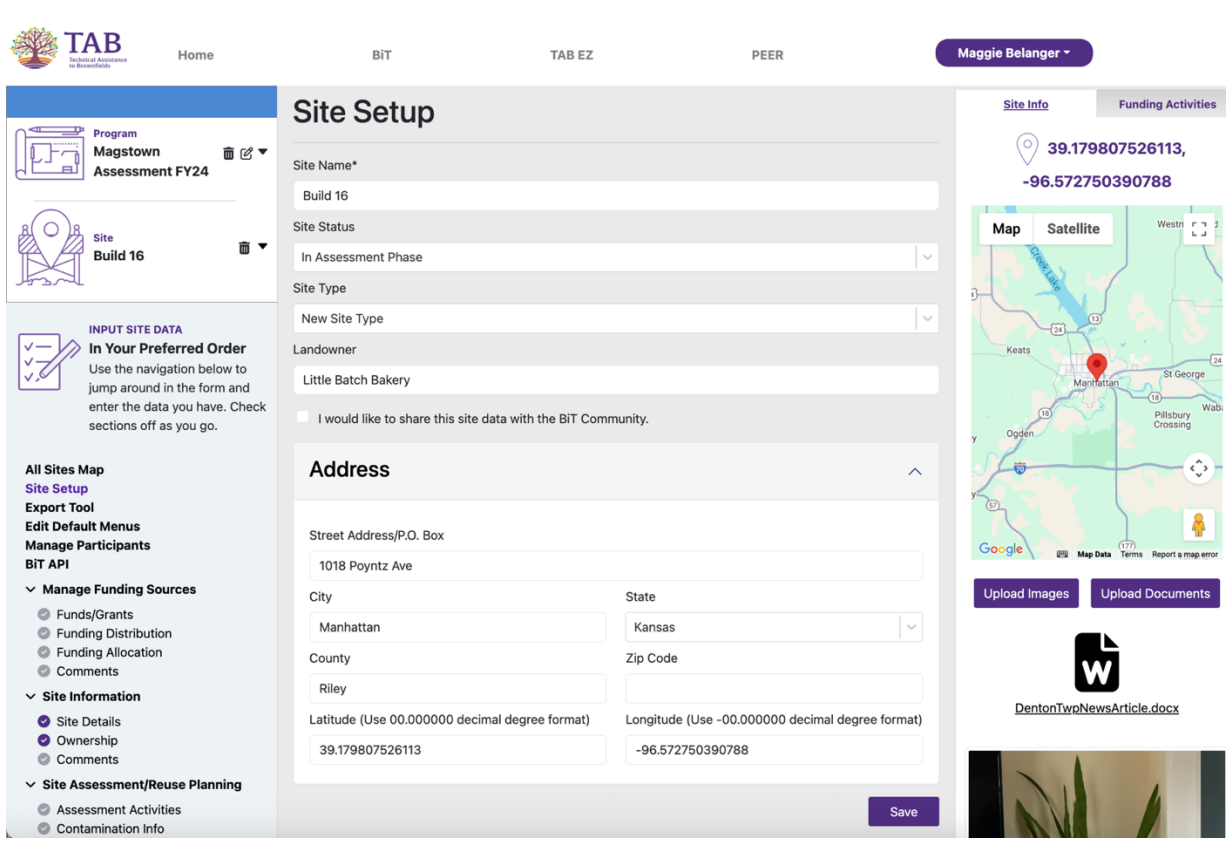
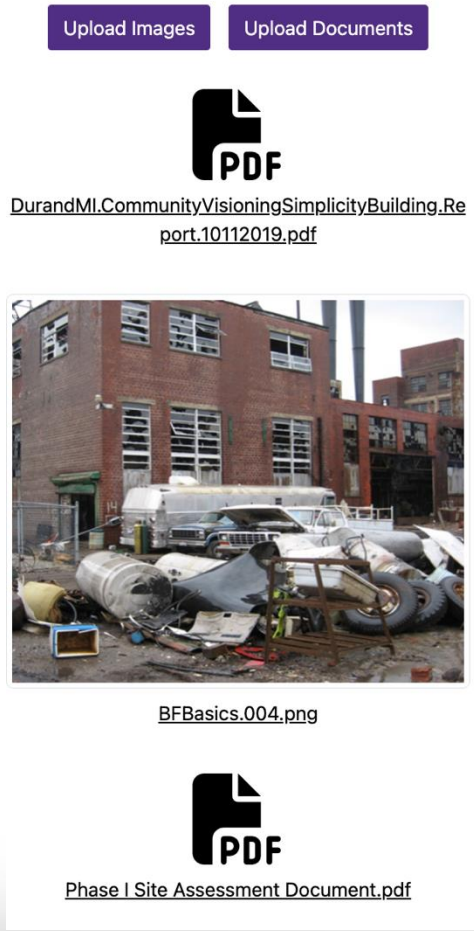




Photos and Document Storage

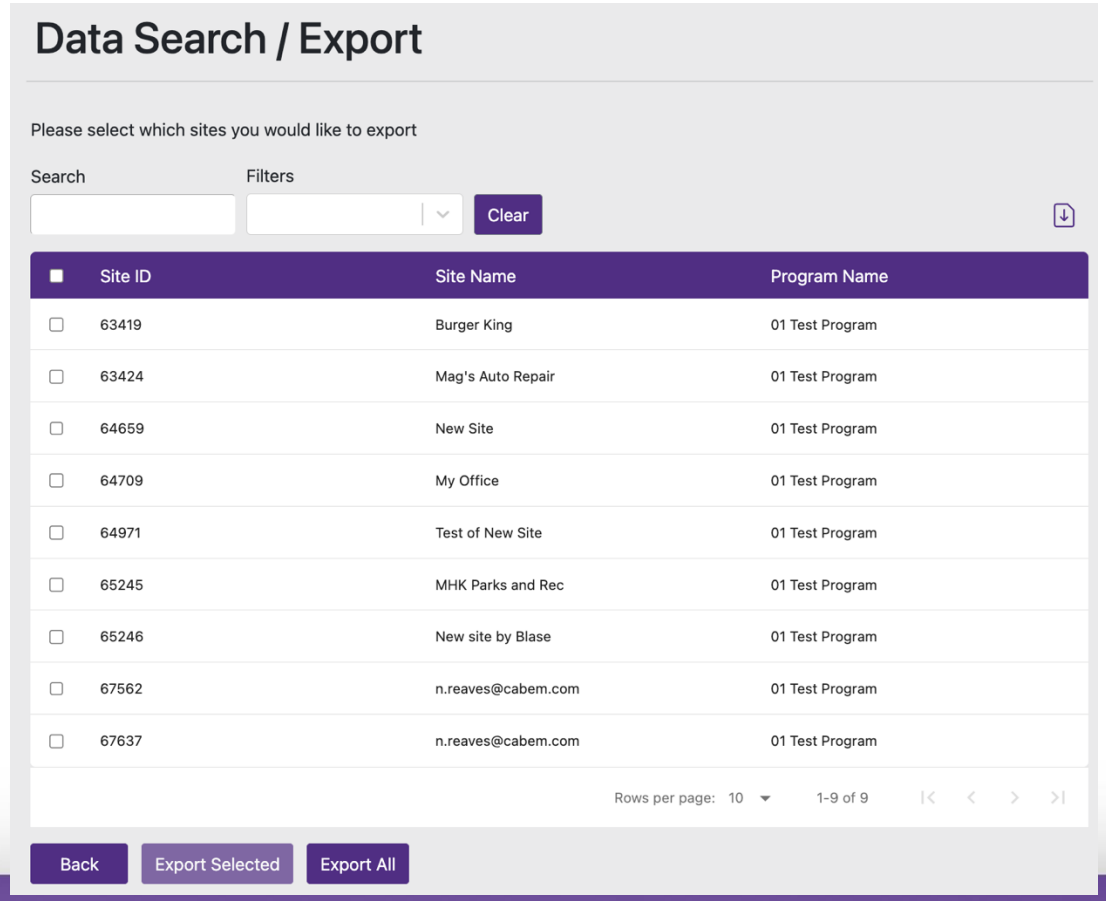
word, excel, pdf, jpeg, png, csv, ppt, etc.

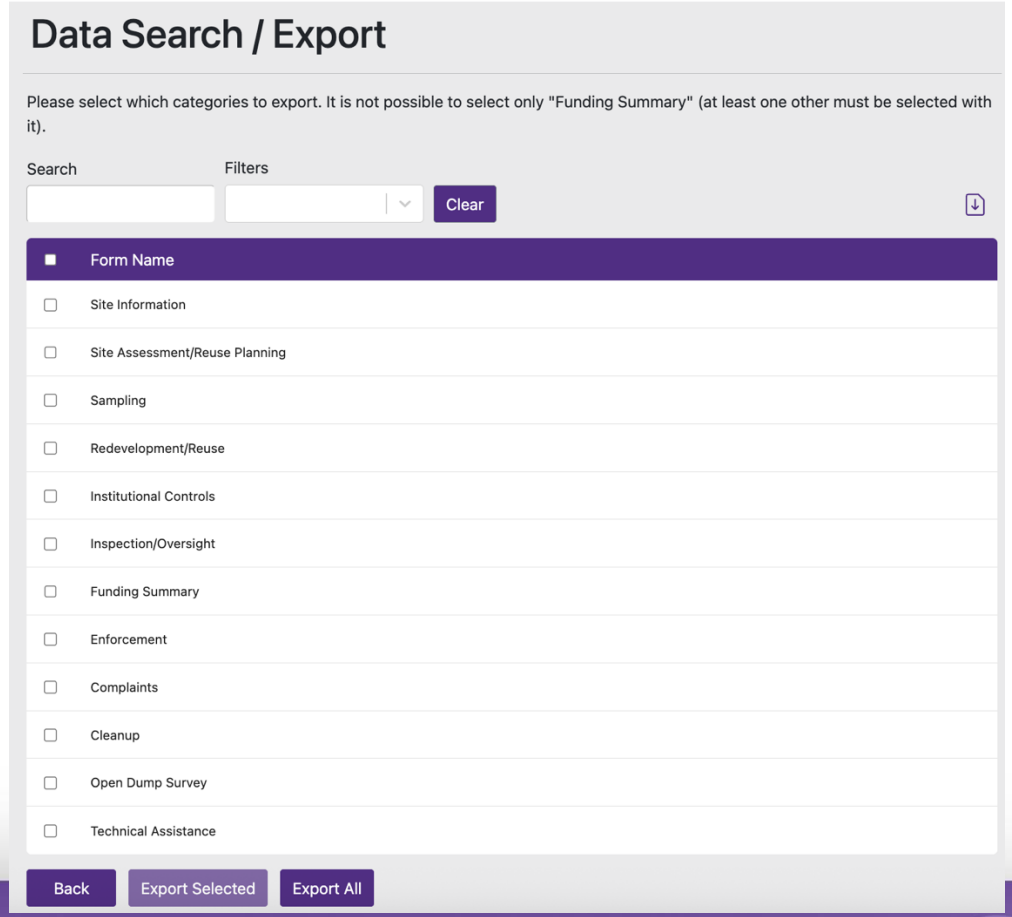




Export Data

Export single site data, all sites/program data, or select data.





Upcoming Features

September 2025

- Open Dump Health Threat Score and Cleanup Cost Estimator (Muscogee Creek Nation Tools)

2026

- ESRI GIS Map for the All Sites Feature
- Refined Exports and Imports
- API for Developers
  - Existing API for BiT data elected to share with other BiT Users
  - Access to Open Dump Site Scoring and Cleanup Cost Estimator
  - Other BiT Features

Having Fun with BiT & BiT Mobile

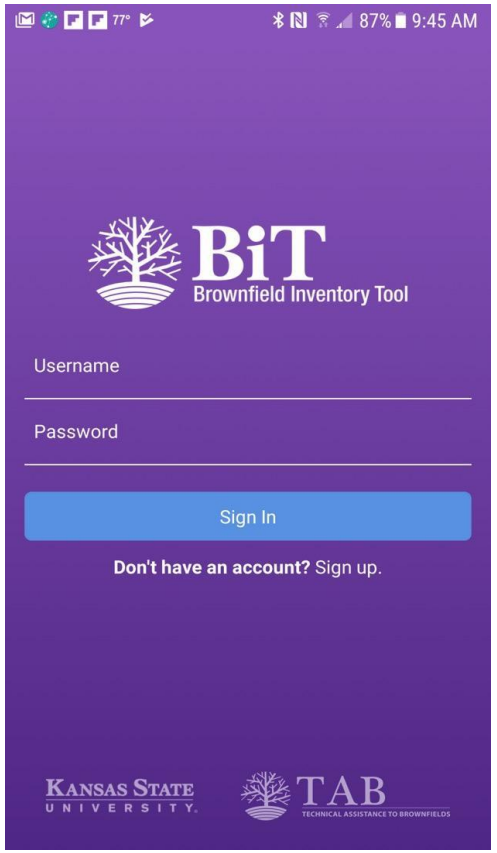
I. Download BiT Mobile
   - KSU BiT Mobile
   - KSU Brownfields Inventory Tool

II. Login In
   - **bitfunksu@gmail.com**
   - **BitfunDemos2025!**
   - Program: **Region 7 & 8 TRP Workshop_KCMO 25**

III. Capture your lunch spot
   - Add a site (restaurant name plus initials)
   - Photos
   - GPS Coordinates
   - Use various fields (comments, complaints, funding activities, etc.)

IV. Save your entries.

V. Return to the room and sync your data with BiT Online

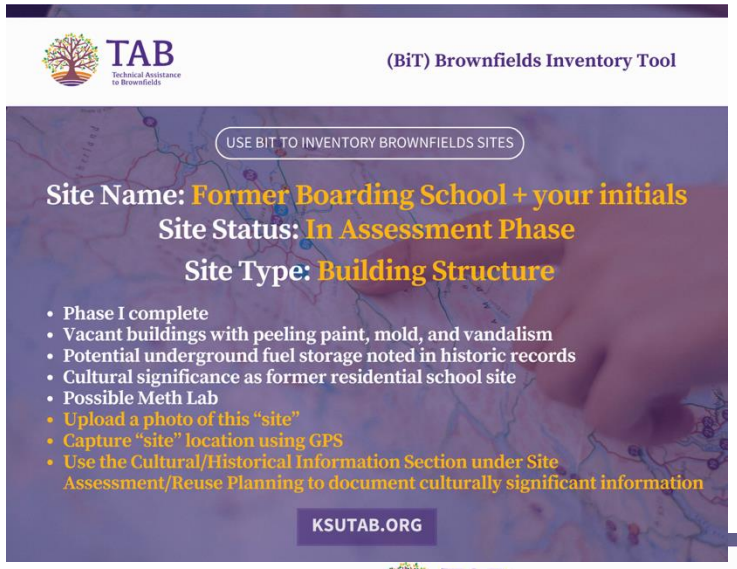


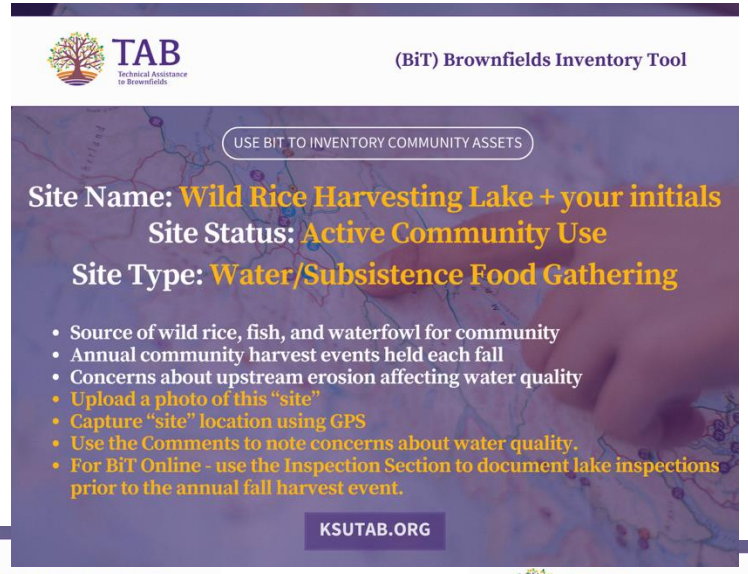
Alternatively, Log In to BiT Online
https://etools.ksutab.org/tools/bit
Follow the same prompts.

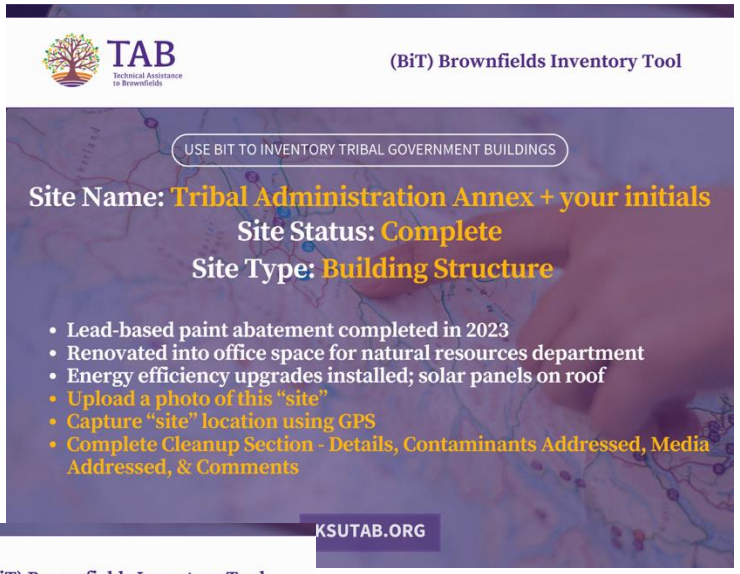
BiT Online Scenarios

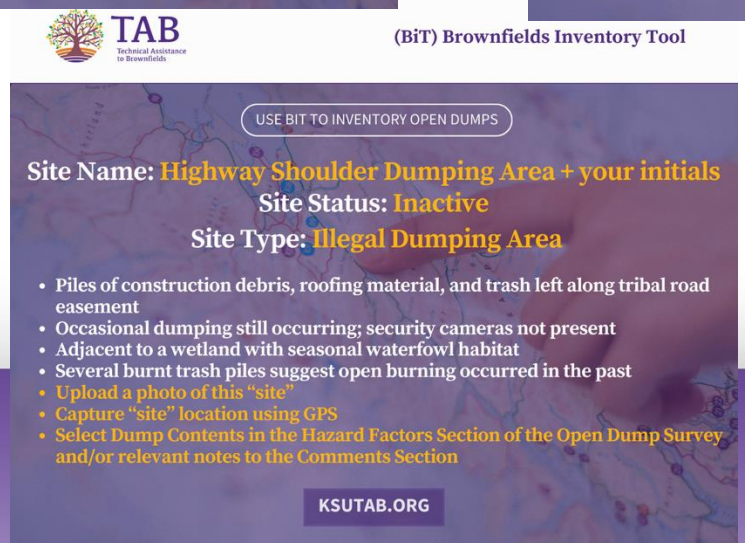
https://etools.ksutab.org/tools/bit

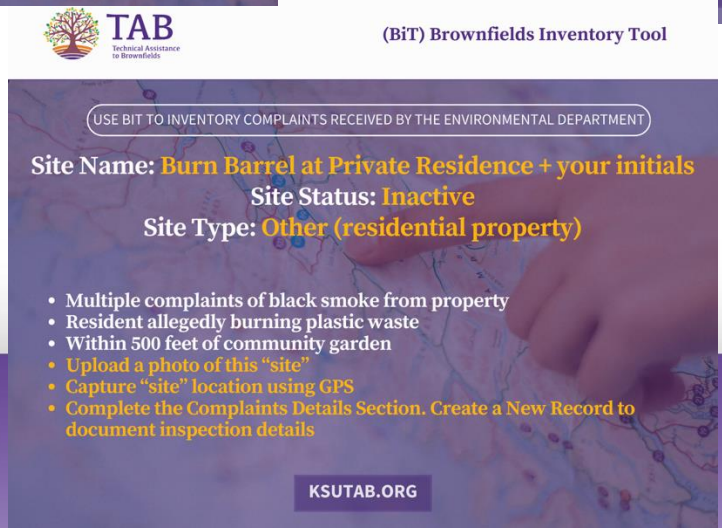
Login: bitfunksu@gmail.com
Password: BitfunDemos2025!
Program: Region 7 & 8 TRP Workshop_KCMO 25











Contact Info

Maggie Belanger

Senior Director, KSU TAB Program
maggiejessie@ksu.edu

785.532.0782

Kate Lucas, AICP

Assistant Regional Director, KSU TAB Program
katelucas@ksu.edu

817.565.2885

Let's Connect!

Scan to get in touch with a TAB member or to join our mailing list

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Thank You

For joining us today. Please get in touch if you have any questions or comments: email address here.

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