# ANNUAL OUTREACH EVALUATION REPORT

**Technical Assistance to Brownfields (TAB) Communities
EPA Regions 5, 6, 7, 8, and Nationwide**

**October 1, 2021 – September 30, 2022**

**Cooperative Agreement TR-84027001, 2021-2026
(Regions 5-8 & National Workshops & E-Tools)**

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# Outcomes

Evaluation results indicate that KSU TAB program outputs are supportive of addressing outcomes.

## Outcome 1: Increased Recognition, Assessment, Cleanup, and Sustainable Reuse of Brownfields to Reduce Environmental Contamination

With respect to site specific services provided, well over 40,000 acres of brownfield property are being addressed. Most of the sites are related to assessment and/or cleanup activities and most involve at least one element of sustainable reuse. This count does not include the many acres associated with area-wide assessment, coalition assessment, and planning proposal initiatives that TAB assisted communities with this year.

With respect to KSU TAB events, participants indicated their intentions to take action related to assessing and cleaning up property. Many participants reported they were likely to investigate possible redevelopment opportunities for brownfields in their communities and planned to apply for assessment or cleanup grants.

## Outcome 2: Better Inform and Equip Communities to Effectively Address and Be Involved in Brownfield Activities

KSU TAB's site-specific services provide opportunities for local and Tribal stakeholders to learn about the brownfield redevelopment process through real world application and involvement in their own projects. During this reporting cycle, 194 communities received technical assistance that helped them develop the capacity to engage in brownfield redevelopment.

Programming events are also pathways of providing education and capacity building to communities involved in brownfield activities. Event participants reported significant changes in their readiness to participate in brownfields redevelopment (+37%) and in their awareness of brownfields resources available to them (+41%) after attending the events.

## Outcome 3: Greater Knowledge of Environmental and Human Health Conditions in Micro, Environmental Justice, Tribal, and Newly Created Brownfield Communities

KSU TAB is increasing its focus on underserved communities who generally have greater resource deficiencies. TAB surpassed its goals in serving micro communities (40%) and environmental justice/tribal communities (47%).

Workshops and webinars also provide underserved communities with the opportunity to increase their knowledge. During the project year, 25% of event participants who completed an evaluation were from micro-communities and about 7% of event registrants were representatives of Tribes. KSU TAB provides these target communities with access to online resources and training programs.

## Outcome 4: Greater Community Involvement, Communication, and Partnerships Among Differing Stakeholders; Leveraging Partnerships for Funding

Site-specific service often provides opportunities for community involvement and relationship building. KSU TAB provided communities support in building a brownfields program 49 times, site reuse planning 39 times, and other assistance 53 times. All of these activities help stakeholders focus their efforts on advancing redevelopment goals.

Programming events provided targeted instruction on how to foster community engagement, effective communication, and partnerships in communities, as well as providing opportunities for stakeholders to network and develop relationships. Representatives from many stakeholder groups attended events. Many participants reported an increased readiness to involve, communicate, and partner with their stakeholders, and intend to share knowledge learned at TAB events with others.

## Outcome 5: Enable Communities to Stimulate Economic and Other Beneficial Reuses of Brownfield Sites to Improve Environmental Conditions & Human Health

During the reporting period, KSU TAB provided communities technical environmental support 13 times and economic support 29 times. Events that were offered also increased participants' perception of the resources available to them and their readiness to participate in brownfields redevelopment efforts increased (see outcome 2 above).

### *Recommendations/Action Steps*

TAB made progress on all tasks and achieved or exceeded many of its goals in the reporting period. Specific areas of focus for next year are listed below.

- Explore new methods to deliver educational programming to increase stakeholder participation.
- Continue to offer at least one workshop in every state or at least serves every state in KSU's 21-state regional service area; and, increase the number of state-specific webinars/invited presentations if state and local partners are interested.
- Continue to track usage and promote the availability of The Brownfields Inventory Tool (BiT) and the BiT Mobile Smartphone App at conferences and workshops.
- Expand marketing of the Brownfields Community Capacity Assessment regionally and nationally, as well as find ways to increase participation. Consider new methods to make the assessment process easier for stakeholders.

## Introduction and Overview

This report highlights a compilation of technical assistance and outreach services provided by the Kansas State University (KSU) Technical Assistance to Brownfields (TAB) program to communities in EPA Regions 5, 6, 7, 8, and National events and e-tools, between October 1, 2021 and September 30, 2022 under Cooperative Agreement (CA) TR-84027001.

This report provides an evaluation of each of the tasks that comprise the TAB Program: capacity building, outreach programming, one-on-one support, and participatory outcomes evaluation. As summarized in this report, KSU TAB's goals were generally met or exceeded. Multiple sources of data were used in evaluating the KSU TAB program. They include service provider documentation, participant evaluations, quarterly reports, community assessments, and website usage reports. Sources of data and analysis techniques are more fully described in the sections below.

## Task 1. Building Capacity within Communities and E-Tools Support (Roundtables, E-Tools, and Resources)

Capacity-building activities include Resource Roundtables, Resource Funding Roadmaps, Quality of Life Assessments, Redevelopment Frameworks for Community Resilience, and E-Tools. The following section documents KSU TAB's capacity-building activities during the reporting period.

### Resource Roundtables

Resource Roundtables are 1-hour one-on-one sessions between community presenters and expert panelists. During the reporting period, 11 roundtables were held, including 10 regional and 1 national:

- Region 5: Elkhart, IN; Parchment, MI; Upper Minnesota Valley Regional Development Commission, MN
- Region 6: Paris, AR and Pulaski County, AR
- Region 7: Sioux City, IA; Beloit, KS; Hannibal, MO; Alliance, NE
- Region 8: Mandan, ND
- National: Redevelopment Rodeo at the 2022 Brownfields Conference

### Resource Roadmaps

KSU TAB is performing work identifying funding sources and other resources for Watershed, Inc. in Buena Vista, CO; Upper Minnesota Valley Regional Development Commission and Rice-Larpenteur Alliance in St. Paul, MN; Snow College in Ephraim, UT; Cities of Woodland Park, CO; Clarksville, Elkhart, and Rushville, IN; Flint Hill Regional Council, KS; Detroit, MI; Hannibal, MO; Mandan, ND; Buffalo, OK; and Abbeville and Natchez, LA. A number of other communities are receiving assistance with site re-use planning, community engagement, highest and best use analysis, and market studies to refine redevelopment plans, that could also lead to Resource (Funding) Roadmap services.

## Brownfields Community Capacity Assessments

The Brownfields Community Capacity Assessment is a tool used to measure, track, and evaluate the long-term impact of Site-Specific Technical Assistance. This assessment captures community perspectives on progress at brownfields sites to more accurately measure needs and gains. Respondents are asked to review each item and select which level, from 1 (beginning) to 5 (advanced), best describe their community's current capacity in areas of brownfields leadership, partnerships, and visible redevelopment progress. Assessment data is analyzed by University of Memphis and summaries are created and sent to participating communities and their TAB Services Coordinator. See Appendix A for assessment categories.

During the reporting period, one community from Region 8 completed the assessment for the first time and one community in Region 7 completed the assessment for the second time. Results from the R7 community indicated growth in all categories (see Figure 1 below).

*Figure 1*
*Change in capacity over one year for R7 community*
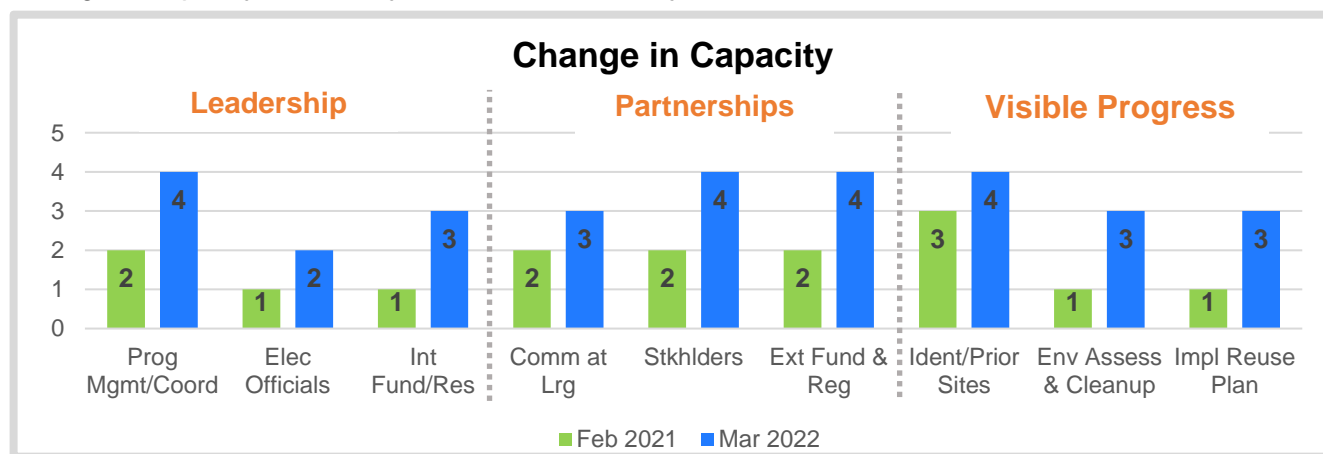


*Note: 1 = beginning capacity and 5 = advanced capacity*

## Online E-Tools and Resources

During the reporting period there were 96,069 page views of the KSU TAB web site, in 23,744 sessions, by 13,924 new users and 280 returning users. Event attendees use the website to register and get information for TAB events. Users also access TABEZ and BiT software, downloadable resources and self-paced learning modules. Online E-Tools and Resources are on the KSU TAB website under 'Online Tools'. There are over 10,000 users with KSU TAB website accounts.

As of September 30, 2022, there were 11,144 active registered users on www.ksutab.org (users who have accounts). About 9,277 users provided data on the types of organizations they represent (Table 1 below provides more detail).

*Table 1*
*Percentage of users in target audience groups providing data*

| User Group | # of Users Providing Data |
|---|---|
| Private Citizen | 918 |
| City Official > 100,000 People | 448 |
| City Official 10,000 - 100,000 People | 684 |
| City Official < 10,000 People | 737 |
| County | 534 |
| Regional Planning/Economic Development (Govt.) | 961 |
| Other Not-For-Profit | 1,371 |
| State | 762 |
| Tribe | 585 |
| Federal | 434 |
| Private Development or Consulting | 1,843 |
| Total | 9,277 |

## TAB EZ Grant Writing Tool

TAB EZ provides templates and other resources for users to draft Brownfields Assessment and Cleanup grant applications. Based on past data, hundreds of applicants use TAB EZ to write their proposals or view/download useful resources, such as tips and tricks and other data sources needed to complete their applications.

During the FY 2022 MAC application period, 436 unique visitors logged into TAB EZ (of which 120 were new users). 60 grant applications were created and approximately 15 proposals were written in TAB EZ; the other 45 were most likely used as a reference while users drafted applications in a separate window (such as MS Word).

## Brownfields Inventory Tool (BiT)

The Brownfields Inventory Tool (BiT) is an online database used by communities and tribes to help inventory, prioritize, and track site progress throughout the brownfields redevelopment process. There are approximately 1,500 separate, password protected, site inventories in BiT that are used for internal management of sites by community brownfields coordinators and tribal response programs. While data in BiT is not publicly available, BiT users can choose to import or export select data of interest to publicly available community web pages or to EPA ACRES (for grant reporting purposes).

BiT software is accessible through the KSU TAB website at www.ksutab.org/tools. During the reporting period, about 870 users logged into BiT at least once. BiT is compatible with recent changes in the EPA ACRES system; an interface that transfers BiT data to/from ACRES is available for use. Additional changes to ACRES are expected in the coming months and KSU TAB will be updating BiT to ensure computability with ACRES.

The BiT Mobile App is currently unavailable while upgrades are being completed. A new release is anticipated to launch in early 2023. When functional, the BiT Mobile App will be available for use on smartphones to collect site data in the field, including photos and GPS coordinates, with or without an internet or cell/data connection. Data on phones sync with a user's data in BiT when internet and data connections are available. When previously accessible for use, over 250 users downloaded the App.

## Online Training Program Series

The KSU TAB Online Training Program Series consists of pre-recorded webinar modules, supplemental materials and review questions. A certificate is issued upon successful completion of each program and contact hours credit is available. There are ten online training programs available on the KSU TAB website. During the reporting period, about 51 completion certificates were issued for online training programs.

## Task 1 Summation

KSU TAB generally met or exceeded goals for capacity-building and E-Tools Support during the reporting period.

There were 11 Resource Roundtables held (10 Regional and 1 National) between selected communities and expert panelists. Additionally, the Brownfields Community Capacity Assessment is in full-scale use and was utilized by two communities.

Use of the KSU TAB website and E-Tools and resources contained therein continues to increase. There are over 10,000 users with KSU TAB website accounts and more than 11,000 active registered users. Approximately 436 unique visitors logged into TAB EZ and created 60 grant applications, and about 150 users logged into BiT at least once.

## Task 2. Regional and National Outreach Programming (virtual and on-site workshops, webinars, on-demand, and invited presentations)

Educational programming provides additional opportunities for TAB to offer communities information and education about the brownfield redevelopment process. This section presents an overview of these activities, as well as evaluation of their effectiveness. Sources of data from this section are quarterly reports produced by TAB program staff and quantitative and qualitative data from evaluations administered at events.

### Outreach Programming Events

KSU TAB works with State, Regional, Tribal, and EPA representatives to conduct outreach programming. The goals for programming were to participate in 24 Regional (6 per Region) and 10 National events cooperatively with others. Events cover varying topics such as brownfields basics (site identification and prioritization, assessment, cleanup) and the redevelopment process, grant writing, community engagement, resiliency, finding demographics, identifying financial incentives and mechanisms, etc.

> *"I thought all the presenters struck a great balance when it came to getting into details without overwhelming the participants with information. I found the training very useful. Thank you!"*
>
> KSU TAB 2021-2022 R5 Event Participant

During the reporting cycle, TAB provided a total of 72 programming events: 26 workshops (16 in-person and 10 virtual), 13 webinars, and 33 invited presentations/exhibiting booths. There were 8 events in Region 5; 10 events in Region 6; 18 events in Region 7; 17 events in Region 8; and 19 National brownfields events. More than 3,000 participants attended these events. Table 2 below provides a detailed overview.

*Table 2*
*Overview of events and participants*

| Event Topic | Number of Events | | | | | | Number of Participants | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R5 | R6 | R7 | R8 | Nat | Tot | R5 | R6 | R7 | R8 | Nat | Tot |
| Workshops (in-person and virtual) | 4 | 3 | 12 | 3 | 4 | *26* | 155 | 62 | 465 | 27 | 308 | *1017* |
| Webinars | 0 | 1 | 4 | 4 | 4 | *13* | 0 | 55 | 201 | 85 | 221 | *562* |
| Invited Presentations/Exhibiting | 4 | 6 | 2 | 10 | 11 | *33* | 147 | 56 | 72 | 191 | 961 | *1427* |
| **Totals** | **8** | **10** | **18** | **17** | **19** | *72* | **302** | **173** | **738** | **303** | **1490** | *3006* |

*Note: Reported numbers of webinar attendees count only actual connections, yet more than one attendee may participate from the same connection.*

The data below discusses the evaluation results from the 33 events where surveys were conducted during the reporting period and represents feedback received from 476 participants. Data was collected using a retrospective pre-post survey instrument. This type of instrument is administered at the end of an event yet also asks questions about knowledge or perception prior to the event to produce a more accurate reporting of participants' perceived changes than the traditional pre/post survey, as well as provides paired samples for more robust statistical analysis.

### *Population served*

People from a wide variety of communities participate in TAB events. Evaluation respondents were asked to indicate the size of the communities they represented, and the majority (55%) indicated they were from communities with populations greater than 10,000 (see Figure 1 for more detail).



**Population**

20%
25%
29%
26%

- No Response
- 0-10,000
- 10,001-99,999
- 100,000 +
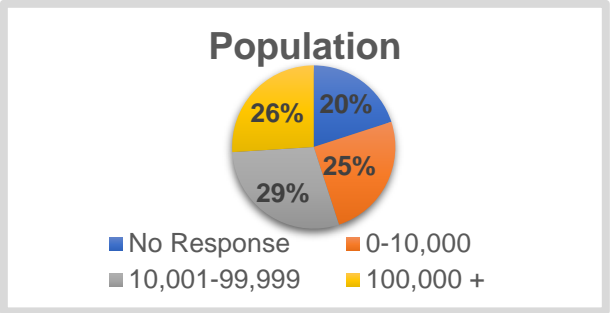
*Figure 2. Population of Evaluation Respondents*

## Event outcomes

Event participants were asked to complete retrospective pre-post evaluation forms at the completion of events. The evaluations asked questions that measured changes in respondents' knowledge about brownfields, their readiness to participate in brownfield redevelopment and/or grant writing, and perceptions of available resources before and after the workshop.

### *Useful experience.*

Participants were asked how useful the information learned during events would be in their work or community. Nearly all of the respondents (94%) indicated what they learned during the events was useful or very useful (see Figure 3).



**Usefulness**

| | Not useful | Slightly useful | Useful | Very useful |
|---|---|---|---|---|
| | 0% | 6% | 38% | 56% |
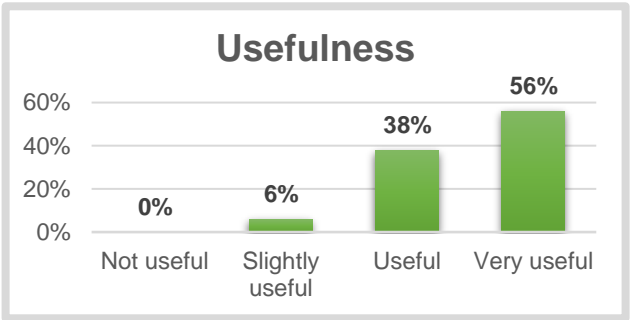
*Figure 3. Usefulness of information learned*

> *"Several towns in our region have brownfields that they don't know what to do with and oftentimes don't have the capacity to take care of them. This program is extremely helpful for reuse and gives some direction for these towns."*
>
> KSU TAB 2021-2022 R7 Event Participant

## Readiness

Participants were asked how ready they were to proceed with brownfields redevelopment. Before the events, 45% of respondents reported feeling somewhat or very ready. After the events, 82% of respondents reported feeling somewhat or very ready. Analysis indicates respondents' level of readiness increased as a result of attending the events and the change was not due to chance (see figure 4).
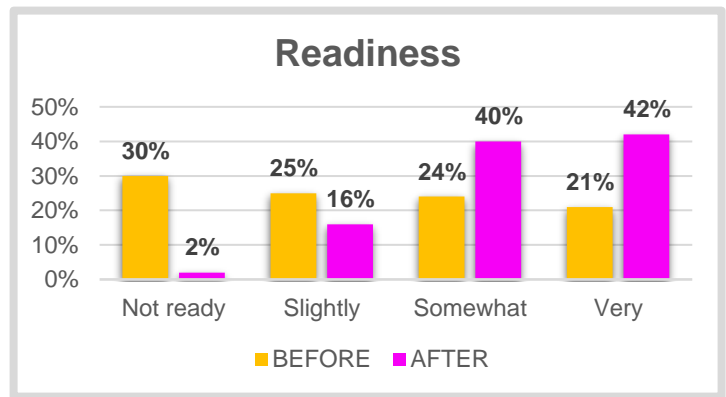


*Figure 4. Changes in respondents' readiness to proceed with varying brownfields work. Pre-workshop mean: 2.35, post-workshop mean: 3.21; p < .001.*

## Available resources

Participants were asked to describe the amount of resources to support participation in brownfields redevelopment. Before the events, 49% of respondents reported they had some or many resources. After the events, 90% of respondents reported having some or many resources. Analysis indicates respondents felt available resources to support participation in brownfields development increased as a result of attending the events and the change was not due to chance (see Figure 5).
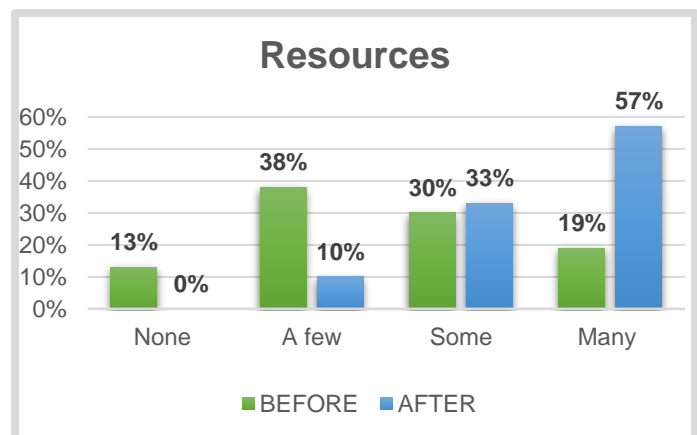


*Figure 5. Changes in respondents' amount of resources to support brownfields redevelopment. Pre-workshop mean: 2.56, post-workshop mean: 3.47; p < .001.*

> *"The offer of community education and assistance is key in our area. There isn't a lot of information that circulates to explain what's available regarding assistance."*
>
> KSU TAB 2021-2022 R7 Event Participant

### Knowledge change.

Participants were asked questions to rate their understanding of brownfields topics covered. Before events, 60% of respondents indicated having moderate or high levels of understanding. After events, 98% of respondents indicated having moderate or high level of understanding. Analysis indicates that respondents felt their level of understanding increased as a result of attending the events and the change was not due to chance (see figure 6).

**Understanding Topics**

| | Low | Some | Moderate | High |
|---|---|---|---|---|
| BEFORE | 12% | 28% | 38% | 22% |
| AFTER | 0% | 2% | 44% | 54% |

*Figure 6. Changes in respondents' level of understanding about brownfields topics. Pre-workshop mean: 3.17, post-workshop mean: 3.58; p < .001.*

### Grant Writing Preparedness

Participants were asked how prepared they feel as an individual to write an EPA Brownfields Grant application. Before events, only 35% of respondents reported feeling somewhat or very prepared to write a grant application. After events, 81% felt somewhat or very prepared. Analysis indicates that most respondents felt more prepared to write a grant application as a result of attending the events and the change was not due to chance (see figure 7).

**Grant Writing Preparedness**

| | Not prepared | Slightly | Somewhat | Very |
|---|---|---|---|---|
| BEFORE | 34% | 31% | 28% | 7% |
| AFTER | 2% | 17% | 53% | 28% |

*Figure 7. Changes in how prepared respondents felt to write an EPA Brownfields Grant application. Pre-workshop mean: 2.09, post-workshop mean: 3.06; p < .001.*

> "The in-depth presentations are very useful for applicants. Nice opportunities for applicants to work individually or in groups to plan their proposals."
>
> KSU TAB 2021-2022 R8 Event Participant

## Grant Writing Understanding

For some grant writing events, participants were asked about their understanding of specific grant application opportunities and how to prepare to apply for an EPA Brownfields grant. Before the events, only 53% reported having moderate to high level understanding of brownfields grant opportunities and how to apply. After the events, 97% reported having moderate to high level understanding. Analysis indicates that most respondents felt they had a greater understanding as a result of attending the events and the change was not due to chance (see figure 8).

**Grant Writing Understanding**

| | Low | Some | Moderate | High |
|---|---|---|---|---|
| Before | 23% | 24% | 37% | 16% |
| After | 0% | 3% | 54% | 43% |
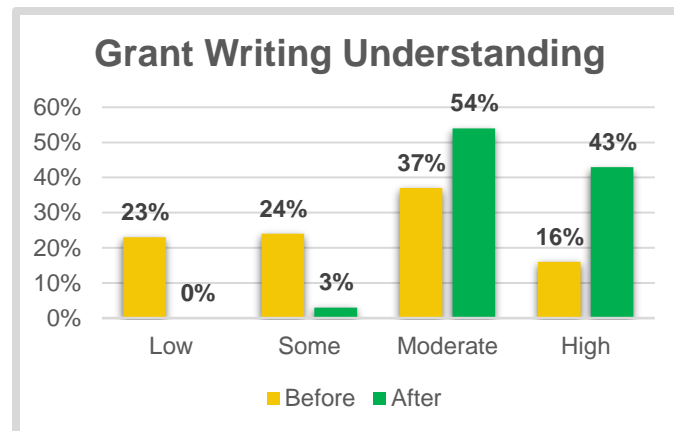
*Figure 8. Changes in how prepared respondents felt to write an EPA Brownfields Grant application. Pre-workshop mean: 2.48, post-workshop mean: 3.40; p < .001.*

## Grant Writing Resources

Participants were asked how they would describe the amount of brownfield grant writing resources they have to aid them in writing an EPA Brownfields Grant application. Before the events, 44% of respondents indicated having some or many grant writing resources. After the events, nearly all respondents (93%) indicated having some or many grant resources. Analysis indicates that respondents felt they had more resources available to support writing an EPA Brownfields grant application as a result of attending the events and the change was not due to chance (see figure 9).

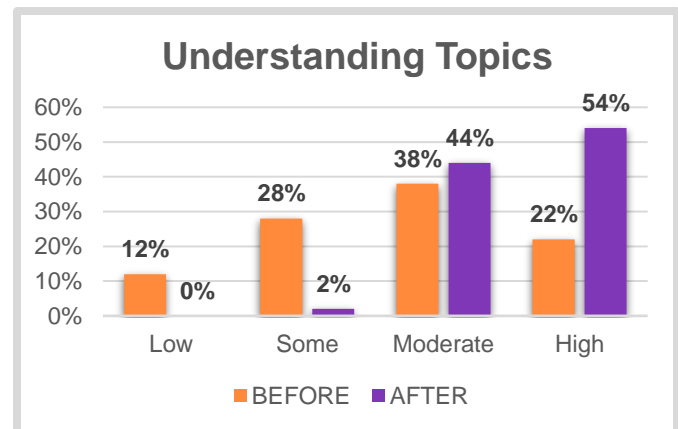**Grant Writing Resources**

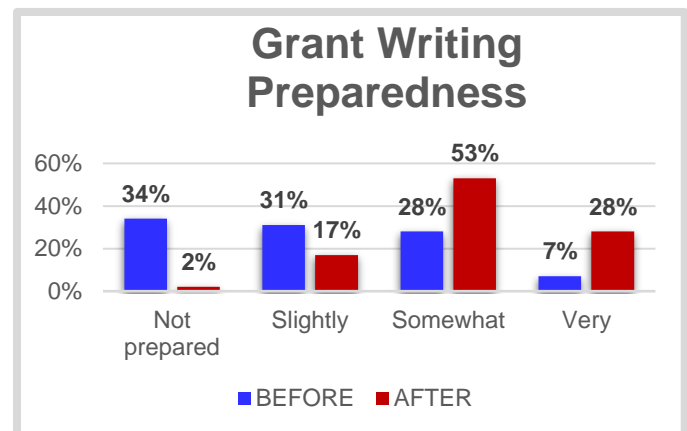| | None | A few | Some | Many |
|---|---|---|---|---|
| Before | 22% | 34% | 29% | 15% |
| After | 1% | 6% | 37% | 56% |
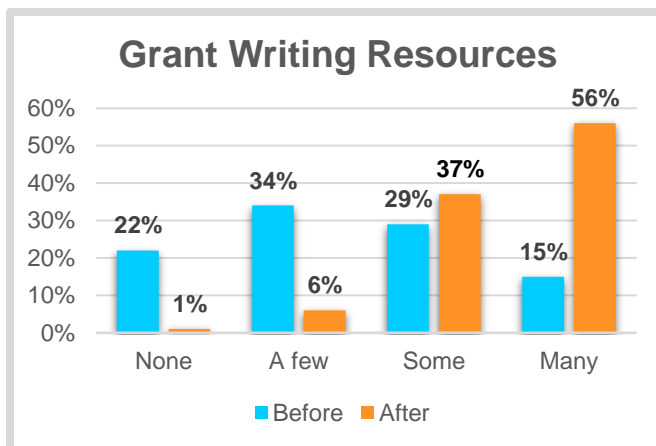
*Figure 9. Changes in how prepared respondents felt to write an EPA Brownfields Grant application. Pre-workshop mean: 2.38, post-workshop mean: 3.49; p < .001.*

Event evaluation respondents were also asked open-ended questions on evaluation forms to encourage them to provide additional helpful feedback. Overall, most responses were positive in nature and respondents appreciated the opportunity to attend events that provide access to knowledgeable presenters and useful resources. A brief summary of responses to these questions can be found in Appendix B.

## Invited Presentations/Exhibiting

Due to continued demand for invited regional presentations, we are including and counting invited presentations/exhibits towards work plan goals for events as they are similar in effort and cost and meet regional needs. A total of 33 invited presentations and conference exhibit booths were provided during the project period, reaching more than 1,300 participants. Table 3 below provides more detail:

*Table 3*
*Overview of invited presentations and conference exhibiting*

| Date | Reg | Title | Participated |
|---|---|---|---|
| 3/24/2022 | 5 | "Benefits to Using Brownfields Resources" | 16 |
| 9/7/2022 | 5 | "Brownfields Fundamentals for Wisconsin Local Governments" | 25 |
| 9/7/2022 | 5 | "Minnesota Brownfields Financial Literacy Forum" | 56 |
| 9/15-17/2022 | 5 | Presented at the "Illinois Municipal League | 50 |
| 10/18-22/2021 | 6 | Presented across 4 events at the "$2M Supersized Brownfields Meeting" | |
| 10/18-22/2021 | 6 | Presented across 4 events at the "$2M Supersized Brownfields Meeting" | |
| 10/18-22/2021 | 6 | Presented across 4 events at the "$2M Supersized Brownfields Meeting" | 30 |
| 10/18-22/2021 | 6 | Presented across 4 events at the "$2M Supersized Brownfields Meeting" | |
| 10/28/2021 | 6 | "EPA R6 Brownfields Competition Prep Talks" | 15 |
| 2/15/2022 | 6 | "Brownfields Redevelopment Resources" | 11 |
| 1/27/2022 | 7 | "KSU TAB 2022 Update" | 20 |
| 7/11/2022 | 7 | Presented during the "MO Brownfields Workshop" | 52 |
| 1/25/2022 | 8 | "Brownfields Coffee Hour with R8 Tribal Partners" | 20 |
| 3/1/2022 | 8 | "Brownfields Coffee Hour with R8 Tribal Partners" | 15 |
| 4/6/2022 | 8 | "Brownfields Basics & Inventory" | 11 |
| 4/12-15/2022 | 8 | Exhibited at "In the Game: Downtown Colorado, Inc. Conference" | |
| 4/12-15/2022 | 8 | Presented at a Community Studio "In the Game: Downtown Colorado, Inc. Conference" | |
| 4/12-15/2022 | 8 | Presented at a Community Studio "In the Game: Downtown Colorado, Inc. Conference" | 120 |
| 4/12-15/2022 | 8 | Presented at 'Dine Around Mobile Workshops" at "In the Game: Downtown Colorado, Inc. Conference" | |
| 4/12-15/2022 | 8 | Presented at 'Dine Around Mobile Workshops" at "In the Game: Downtown Colorado, Inc. Conference" | |

| | | | |
|---|---|---|---|
| 4/12-15/2022 | 8 | Presented at 'Dine Around Mobile Workshops" at "In the Game: Downtown Colorado, Inc. Conference" | |
| 5/18/2022 | 8 | "Overview of KSU TAB Resources and E-Tools" | 25 |
| 11/17/2021 | Natl | "Orientation to Sustainable Environmental Assessment" was presented at UIC | 30 |
| 6/21-23/2022 | Natl | Exhibited at the "California Land Recycling Conference" | 200 |
| 7/27/2022 | Natl | "Orientation to Sustainable Environmental Assessment" presented at UIC | 33 |
| 8/15/2022 | Natl | Presented/facilitated at the "EJ Caucus" at the 2022 Brownfields Conference | 125 |
| 8/16-19/2022 | Natl | Exhibited at the 2022 Brownfields Conference. | 408 |
| 8/16-19/2022 | Natl | "Opportunity in Obstacles: EJ, Brownfields and Affordable Housing" presented at the 2022 Brownfields Conference | |
| 8/16-19/2022 | Natl | This Land is Your Land, This Land is My Land: Brownfields Revitalization in the Rural Community of Okemah, OK" presented at the 2022 Brownfields Conference. | |
| 8/16-19/2022 | Natl | "Meet the TABs: Technical Assistance to Brownfields" presented at the 2022 Brownfields Conference. | |
| 8/16-19/2022 | Natl | "Redeveloping for Resilience: Strengthening Communities through Brownfields Revitalization" presented at the 2022 Brownfields Conference. | |
| 9/7-9/2022 | Natl | Presented at "Reclaiming Vacant Properties" in Chicago, IL | 100 |
| 9/7-9/2022 | Natl | Exhibited at "Reclaiming Vacant Properties" in Chicago, IL | |

## Task 2 Summation

KSU TAB surpassed all educational programming goals during the reporting period. A total of 72 events were conducted: 26 workshops, 13 webinars, and 33 invited presentations/exhibits. Of those, 53 were Regional events (with 8-19 events per Region) and 19 were National events. The yearly goal is to participate in 24 Regional (6 per Region) and 10 National events.

In terms of workshops KSU TAB delivered, evaluation data suggests they were successful on many levels. First is in terms of the population goals TAB has for its site service. The population of workshop attendees completing evaluations met TAB's site service population goals (see Table 4 below). The second indicator of success is the types of participants attending workshops. Participants in the workshop are also representative of the range of stakeholders that need to be involved in successful brownfield redevelopment (See Appendix C).

*Table 4*
*Population levels of workshop evaluation participants*

| Target goals | Outcomes | Target met |
|---|---|---|
| 50% with population of less than 100K | 51% | Yes |
| 25% with population of less than 10K | 25% | Yes |
| Six events per Region | 8-19 per Region | Yes |

The third indicator of success is related to the evaluation results. There were high levels of agreement among participants (94%) that the knowledge gained by attending the workshops was useful or very useful. Measures of retrospective pre-post responses to questions related to perceptions were rather dramatic (as seen in Table 5). Each measure was also shown to be statistically significant (not due to chance).

*Table 5*
*Changes in retrospective pre-post measures related to understanding (moderate and high level), readiness (somewhat and very ready), and resources available (some and many)*

| Item | Retrospective | Post | Change | Statistical Significance |
|---|---|---|---|---|
| Understanding | 60% | 98% | +38% | $p < .001$ |
| Readiness | 45% | 82% | +37% | $p < .001$ |
| Resources | 49% | 90% | +41% | $P < .001$ |

# Task 3. One-On-One Community Assistance and Special Projects

## Community Assistance

In EPA Regions 5-8, KSU TAB provides a variety of one-on-one site specific technical assistance to guide local brownfield leaders, their communities, and other stakeholders through the brownfield redevelopment process. Sources of data for documenting services provided are quarterly reports produced by TAB program staff, based on reports from service providers. Quantitative goals for site service are listed in the table below along as well as actual levels of service achieved.

*Table 6*
*Target goals and outcomes for site-specific service in 2021-2022*

| Goals for Site-Specific Services | Outcomes Achieved |
|---|---|
| Assist 100-180 Communities | 283 assists to 194 communities |
| One site/state/year | Yes |
| 50% with population less than 100k | 79% |
| 25% with population less than 10k | 40% |
| 25% tribal or environmental justice | 47% |

Overall, TAB exceeded its goal of communities served, with a total of 194 communities receiving technical assistance. The number of tribal/environmental justice communities provided site services in the reporting period was 92, which is 47% of total communities served. Support to 110 communities served is ongoing and sites served comprise well over 40,000 acres. For a regional view of target goals and outcomes for site-specific services, as well as communities served, see Appendix D.

TAB provides a range of services to communities in its 21-state service area and nationally. Table 7 provides an overview of the types of services provided to communities during the reporting period, based on information available about support provided. For an overview of services provided in each region, please see Appendix D.

*Table 7*
*Typical site-specific services provided to communities in 2021-2022*

| Type of service provided | # Times Provided |
|---|---|
| Grant Review and Support | 100 |
| Building a Brownfields Program | 49 |
| Site Reuse Planning | 39 |
| Technical Environmental Support | 13 |
| Economic Support | 29 |
| Other Assistance | 53 |
| **Total** | **283** |

## Special Projects

A summary of special projects KSU TAB has been involved in during the reporting period includes:

- TAB worked with Adaapta and Community Lattice to create a map to identify overlooked EJ communities who may be interested in brownfields resources but have yet to successfully access them to assist with revitalization efforts. A demonstration of the "EPA Brownfields Grants and EJ Areas" map was held for TAB and EPA personnel in June 2022. This is considered a pilot, non-public tool TAB providers, EPA, and State brownfields programs can use to identify, engage, and assist communities who may have projects in need of brownfields resources.

## Other TAB Activities

TAB was involved in additional activities to support communities and stakeholders. This includes:

- The Platform for Evaluating Environmental Records (PEER), funded by Data.org, was completed by Community Lattice. This is a mapping tool any community can use to view environmental sites in an area to help identify and prioritize brownfields for revitalization resources. It is now available through the KSU TAB website.
- KSU TAB was very active in planning for and participating in the National Brownfields Conference held in Oklahoma City in August 2022. TAB provided: facilitation at the EJ Caucus; Tribal color guard at opening ceremony; Tribal storyteller and dancers for Phoenix Awards; Brownfields Block display in exhibit hall; two Brownfields University workshops, eight platform presentations, and the National TAB exhibit; and co-led the Education subcommittee of the Local Planning Committee that solicited 10 platform presentations showcasing unique aspects of brownfields in Oklahoma City and surrounding state.
- In August 2022, the Kansas Chapter of the American Planning Association selected a Fall 2021 reuse visioning project, performed by faculty and students in KSU's Landscape Architecture and Regional & Community Planning department, for the New Horizon Award. The project is a good example of work TAB sponsors for communities, that typically generates practical, feasible revitalization options supported by the community that can garner funding/partners.

## Task 3 Summation

TAB exceeded all goals for site services in the project period: total number of communities served (194), one site/state/year, communities with populations of less than 100,000 (79%), communities with populations of less than 10,000 (40%), and Tribal/environmental justice communities (47%).

A range of sites are being served including assessment, cleanup, area-wide planning, RLF, 128(a) and 104(k) grants. Services to about 57% of communities served will continue into the next reporting period. The types of services being provided most frequently (grant review and support, other assistance, and building a brownfields program) indicate that a number of sites are in early stages of the brownfield redevelopment process, where TAB support is useful in helping communities develop the capacity for engaging in redevelopment projects.

## Conclusions

The overall anticipated KSU TAB Program outcomes and outputs are shown in Table 8 below. As the above review of program activities revealed, significant progress was made in achieving or exceeding program outputs on items listed in the table below.

KSU TAB provided 11 Resource Roundtable capacity-building events (10 Regional and 1 National) and the online E-tools and resources saw an increase in users (96,069 website page views and 13,924 new website users; increase in TAB EZ and BiT users, along with significant updates made to these tools). KSU TAB exceeded goals of total communities assisted (194), particularly EJ/Tribal communities. Educational programming goals were also surpassed, with TAB conducting 26 workshops, 13 webinars, and 33 virtual invited presentations/exhibiting during the reporting period (72 total events).

*Table 8*
*Overall program outcomes and outputs*

| Outcomes | Outputs |
|---|---|
| • Increased recognition, inventory, assessment, cleanup, and sustainable reuse of brownfields to reduce environmental contamination<br>• Better inform and equip communities to effectively address and be involved in brownfields activities<br>• Greater knowledge of environmental and human health conditions in micro, environmental justice, and newly created brownfields communities<br>• Greater community involvement, communication, and partnerships among differing stakeholders; leveraging partnerships for funding<br>• Enable communities to stimulate economic and other beneficial reuses of brownfields sites to improve environmental conditions and human health | • 1 Regional Resources Roundtable capacity-building event/yr for 4-6 communities/yr and 1 National Resources Roundtable capacity-building event/yr<br>• One-on-one technical assistance provided to 100-180 communities (at 25-45 per Region/yr)<br>• 24 Regional events/yr (6 per Region/yr); 10 National outreach events/yr<br>• Update and maintain online e-tools and resources (BiT, TAB EZ, Site Prioritization Tool, additional resources)<br>• Increase awareness of availability of TAB program<br>• Implement participatory evaluation strategies in every EPA Region<br>• Annual and quarterly reports to EPA headquarters and Regional offices |

# Appendix A: Brownfields Community Capacity Assessment Items

**Program Management/Coordination:** Someone is in charge of leading brownfields efforts for the community, which may include working with others to set objectives and goals; securing resources; managing brownfields services provided to community stakeholders (such as facilitating control of properties, getting environmental work done and liability protection in place, to convey property for private or City development); using specialized staff, contractors, partners, agreements; and working with regulatory agencies.

**Elected Officials/Upper Management:** Establishing support or buy-in from elected officials/upper management important to the success of redevelopment programs (i.e., attending webinars or workshops related to brownfields, ongoing exchange of experience and knowledge for project implementation, mentoring and serving as a resource to others).

**Internal Funding/Resources:** Internal funding and resources are available to the community, such as the investment of time by management and staff, local government funding, or local incentives for development (e.g., codes/ordinances, TIFs, etc.).

**Community at Large:** Engaging groups of citizens, organizations, businesses, and other stakeholder groups in your community that are directly (adjacent to sites) or indirectly impacted by and/or interested in brownfields and redevelopment efforts.

**Individual Property Owners/Buyers/Developers/Strategic Investors/Regulatory Agencies:** Building a wide network of contacts and connections with strategic partners, mostly at the local level, who are key in moving revitalization projects forward.

**External Funding and Regulatory Organizations:** Establishing contacts and connections for leveraging public, nonprofit, and private resources by collaborating with organizations mainly outside the local area, including EPA programs, federal partners, state agencies, and others (including state and federal lawmakers) to identify and make resources available that facilitate brownfield activities.

**Identify and Prioritize Sites and Plan Re-Use with Partners:** May include creating an inventory of brownfields; selecting sites that could meet economic, environmental, and community revitalization goals; taking public input on re-use; and finding individuals and other partners interested in playing a role in redeveloping properties.

**Environmental Assessments and Cleanups:** Phase I and II environmental assessments are happening, prior to transfer of properties, to discover information about property's environmental conditions and cleanup is happening as needed.

**Implement Re-use Plan:** Working with individuals, other partners, and funding sources to return properties to productive re-use that address identified economic, environmental, and community goals.

## Appendix B: Open-Ended Evaluation Responses

Event participants were asked open-ended questions on evaluation instruments to encourage them to provide additional helpful feedback. Overall, most responses were positive and respondents appreciated the event opportunities and knowledgeable presenters. A brief summary of evaluation responses to the questions follows.

When asked "How will you use the information you learned today," there were a variety of evaluation responses. Common themes in responses included sharing information and resources gained with colleagues, communities, and other stakeholders; preparing a grant application/crafting a better grant application; expanding resources and redevelopment knowledge; leveraging funding sources; informing and refining community engagement strategies; prioritizing and evaluating sites; and developing partnerships/opportunities for networking.

When asked "Which specific topics or activities covered today will be most useful in helping you reach your goals," responses varied but respondents often indicated all of it was useful. Many responses also included aspects of funding and grants such as proposal planning, strengthening applications/telling your story, do's and don'ts, grant updates, available data sources, and examples of real and successful applications. Additional responses included case studies/success stories/hearing from other communities; community engagement methods and tips; and available resources through KSU TAB, EPA, and other programs.

When asked "What other topics or activities would you like to see covered in future TAB workshops," there were a wide variety of responses. Respondents' suggestions included: grants applications, particularly detailed review of grant guidelines, federal grant programs, and writing a compelling proposal;  more case studies and success stories; creative community engagement strategies; implementing and managing grant funds; EJ issues in rural communities; and working with environmental consultants.

When asked "Is there anything else you would like to tell us," many respondents expressed an appreciation for the opportunity to attend an informative workshop with knowledgeable presenters. Other comments included gratitude for helpful resources provided, praise for fun formats/interactive exercises, and events being described as well-organized and efficient with a friendly atmosphere. Some helpful suggestions included providing presentations slides before the event; leaving enough time to encourage more discussion and collaboration/conversation; less use of acronyms; and providing more examples of accomplished projects/walking tours.

# Appendix C: Workshop Attendee Representation

## Event Registrants' Identified Organization

| Organization | Percentage |
|---|---|
| COUNTY OFFICIAL | 4% |
| FEDERAL GOVT | 5% |
| PRIVATE CITIZEN | 6% |
| TRIBE | 7% |
| REG PLAN/ECON DEV | 12% |
| STATE OFFICIAL | 13% |
| CITY OFFICIAL | 14% |
| PRIV DEV OR CONSULT | 18% |
| NON-PROFIT ORG | 21% |
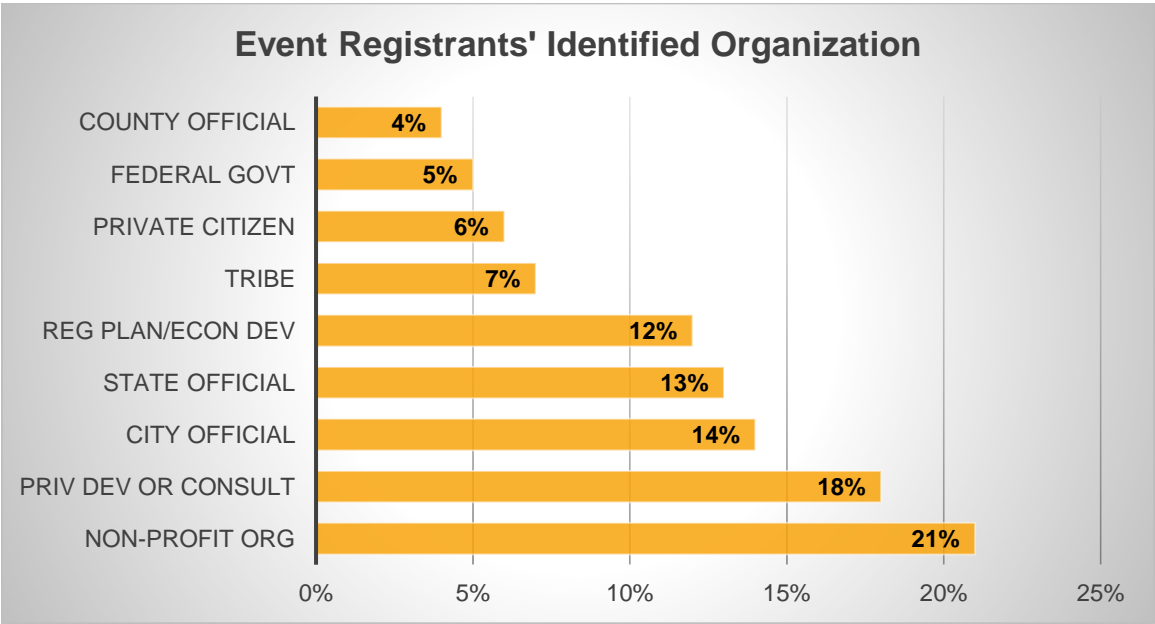
*Figure 1. Stakeholder category identified during event registration process*

# Appendix D: Site-Specific Technical Assistance to Communities

*Table 1*
*Target goals and outcomes for site-specific service: Regional perspectives*

## Region 5

| Target goals | Outcomes | Target met |
|---|---|---|
| 25-45 communities/year (2016-2021 TAB) | 61 | Yes |
| 50% with population of less than 100k | 75% | Yes |
| 25% with population of less than 10k | 30% | Yes |
| 25% EJ/Tribal communities | 44% | Yes |
| One site/state/year | 7-18 per state | Yes |

## Region 6

| Target goals | Outcomes | Target met |
|---|---|---|
| 25-45 communities/year (2016-2021 TAB) | 44 | Yes |
| 50% with population of less than 100k | 59% | Yes |
| 25% with population of less than 10k | 34% | Yes |
| 25% EJ/Tribal communities | 61% | Yes |
| One site/state/year | 3-13 per state | Yes |

## Region 7

| Target goals | Outcomes | Target met |
|---|---|---|
| 25-45 communities/year (2016-2021 TAB) | 60 | Yes |
| 50% with population of less than 100k | 82% | Yes |
| 25% with population of less than 10k | 43% | Yes |
| 25% EJ/Tribal communities | 40% | Yes |
| One site/state/year | 7-28 per state | Yes |

## Region 8

| Target goals | Outcomes | Target met |
|---|---|---|
| 25-45 communities/year (2016-2021 TAB) | 29 | Yes |
| 50% with population of less than 100k | 79% | Yes |
| 25% with population of less than 10k | 48% | Yes |
| 25% EJ/Tribal communities | 48% | Yes |
| One site/state/year | 1-13 per state | Yes |

*Table 2*
*Overview of information provided for communities served: All regions*

| Community Assisted | State | Region | Site Type | Status | Acreage |
|---|---|---|---|---|---|
| 12 Points Revitalization Inc. | IN | 5 | assessment | ongoing | 10 |
| Altoona | WI | 5 | both | completed | 20 |
| Ashland | WI | 5 | assessment | completed | 30 |
| Austin | MN | 5 | assessment | completed | 10 |
| Benton County | MN | 5 | assessment | completed | 500 |
| Buckeye Hills Regional Council | OH | 5 | assessment | completed | 50 |
| Calumet County | WI | 5 | assessment | completed | 50 |
| CASTLO Community Improvement Corporation | OH | 5 | cleanup | completed | 5 |
| CDFI Friendly Bloomington | IN | 5 | assessment | completed | 300 |
| Chippewa County EDC | MI | 5 | cleanup | completed | 7,265 acres |
| City of Benton Harbor | MI | 5 | planning | ongoing | 4.8 sq mi |
| City of Cincinnati | OH | 5 | assessment | ongoing | TBD |
| City of Cleveland | OH | 5 | inventory | ongoing | TBD |
| City of Danville | IL | 5 | assessment | completed | 100 |
| City of Detroit | MI | 5 | both | ongoing | 19 |
| City of East Chicago - Dept. of Redevelopment | IN | 5 | assessment | completed | 0.25 |
| City of Huntington, IN | IN | 5 | cleanup | ongoing | TBD |
| City of Indianapolis | IN | 5 | redevelopment | ongoing | 100 |
| City of Manitowoc | WI | 5 | cleanup | completed | 8 |
| City of Menasha | WI | 5 | assessment | completed | 45 |
| City of Mooresville | IN | 5 | assessment | ongoing | |
| City of Toledo | OH | 5 | assessment | completed | 20 |
| City resident | WI | 5 | assessment | ongoing | 40 |
| Cornerstone Alliance | MI | 5 | planning | ongoing | 1,581 sq mi |

| | | | | | |
|---|---|---|---|---|---|
| Cuyahoga County Land Reutilization Corp | OH | 5 | assessment | completed | 20 |
| Decatur Community Development Director | IL | 5 | planning | ongoing | 80 |
| Dixon | IL | 5 | cleanup | completed | 3 |
| ECI Regional Planning District | IN | 5 | assessment | ongoing | 50 |
| Elkhart, IN | IN | 5 | inventory | ongoing | |
| Fond du Lac | WI | 5 | assessment | completed | 10 |
| Indiana Brownfields Program | IN | 5 | assessment | completed | 104 |
| Jameson Camp | IN | 5 | planning | ongoing | 15 |
| Kankakee-Iroquois Regional Planning Commission | IN | 5 | assessment | completed | 50 |
| Lake County Ohio Port and Economic Development Authority | OH | 5 | assessment | completed | 5 |
| Lorain Port and Finance Authority | OH | 5 | assessment | completed | 1577 |
| Marion County Health Department | OH | 5 | both | ongoing | TBD |
| Martinsville | IN | 5 | assessment | completed | 12 |
| Metropolitan Council | MN | 5 | both | ongoing | 40 |
| MI EGLE | MI | 5 | planning | ongoing | unknown |
| Michiana Area Council of Governments | IN | 5 | assessment | completed | 50 |
| Michigan Department of Environment, Great Lakes, and Energy | MI | 5 | assessment | completed | 150 |
| Minneapolis Green Zones | MN | 5 | both | ongoing | unknown |
| Montgomery County Land Reutilization Corporation | OH | 5 | assessment | completed | 300 |
| MPCA | MN | 5 | assessment | ongoing | 40 |
| Ohio EPA | OH | 5 | assessment | ongoing | 50 |
| Ottawa | IL | 5 | assessment | completed | 20 |
| Port of Henry | IL | 5 | planning | ongoing | 60 |
| Portage County Regional Planning Commission | OH | 5 | assessment | completed | 50 |
| Racine Community Development Authority | WI | 5 | assessment | ongoing | TBD |
| Region 1 Planning Council | IL | 5 | assessment | ongoing | TBD |
| Rice-Larpenteur Alliance | MN | 5 | assessment | ongoing | 20 |

| | | | | | |
|---|---|---|---|---|---|
| Rushville | IN | 5 | cleanup | completed | 3 |
| Salem | OH | 5 | assessment | completed | 20 |
| Southwestern Wisconsin Regional Planning Commission | WI | 5 | assessment | ongoing | 12 |
| Sullivan | IN | 5 | assessment | completed | 10 |
| Town of Belding, MI | MI | 5 | cleanup | ongoing | 1/2 acre |
| Town of Clarksville | IN | 5 | both | ongoing | 10 |
| Town of Fort Wayne | IN | 5 | cleanup | completed | 8.16 |
| Upper Minnesota Valley Regional Development Commission | MN | 5 | assessment | ongoing | 30 |
| Village of Homewood | IL | 5 | assessment | ongoing | 0.29 |
| Wabash River Enhancement Corporation | IN | 5 | assessment | ongoing | unknown |
| Abbeville, City of | LA | 6 | | ongoing | |
| Albuquerque, City of | NM | 6 | | ongoing | |
| Baton Rouge, City-Parish Planning Commission | LA | 6 | assessment | ongoing | |
| Bloomfield, City of | NM | 6 | cleanup | ongoing | |
| Buffalo, Town of | OK | 6 | | ongoing | |
| Camden, City of | AR | 6 | | ongoing | |
| Capital Region Planning Comm | LA | 6 | | ongoing | |
| Cherokee, City of | OK | 6 | assessment | ongoing | |
| Clayton, City of | NM | 6 | | ongoing | |
| Clovis Main Street | NM | 6 | | ongoing | |
| Dallas, City of | TX | 6 | | ongoing | |
| East Texas COG | TX | 6 | | ongoing | |
| Farmington MRA | NM | 6 | | ongoing | |
| Gayle Young, Property Owner | LA | 6 | | ongoing | |
| Hamilton, City of | TX | 6 | | ongoing | |
| Harris County | TX | 6 | | ongoing | |
| Houston Land Bank | TX | 6 | | ongoing | |

| | | | | | |
|---|---|---|---|---|---|
| Houston, City of | TX | 6 | RLF, assessment | ongoing | |
| Kingsville, City of | TX | 6 | cleanup | ongoing | |
| LDEQ | LA | 6 | assessment | ongoing | |
| Little Rock, City of | AR | 6 | | ongoing | |
| McCurdy Ministries Community Center | NM | 6 | cleanup | ongoing | 21 |
| Melrose, Village of | NM | 6 | | ongoing | |
| Natchez, Village of | LA | 6 | planning, assessment | ongoing | |
| NCNMEDD | NM | 6 | | ongoing | |
| New Orleans, City of | LA | 6 | planning | ongoing | |
| OCC | OK | 6 | assessment | ongoing | |
| Okemah | OK | 6 | assessment | ongoing | |
| Olney, City of | TX | 6 | | ongoing | |
| Pasadena, City of | TX | 6 | assessment | ongoing | |
| Port Arthur, City of | TX | 6 | assessment | ongoing | |
| Portales, City of | NM | 6 | | ongoing | |
| Pulaski County | AR | 6 | | ongoing | |
| Regional Planning Commission | LA | 6 | assessment | ongoing | |
| San Augustine, City of | TX | 6 | | ongoing | |
| Santa Rosa, City of | NM | 6 | | ongoing | |
| SCPDC | LA | 6 | assessment | ongoing | |
| St. Philip's School & Community Ctr | TX | 6 | cleanup | ongoing | |
| Texarkana, City of | TX | 6 | assessment | ongoing | |
| Texas Forest Country Partnership | TX | 6 | | ongoing | |
| Texas Forest Country Partnership | TX | 6 | | ongoing | 30 acres |
| Texas Forest Country Partnership | TX | 6 | | ongoing | |
| Tucumcari, City of | NM | 6 | | ongoing | |
| WAPDD | AR | 6 | | ongoing | |

| | | | | | |
|---|---|---|---|---|---|
| City of Alliance, NE | NE | 7 | planning | ongoing | 1 |
| City of Arkansas City | KS | 7 | planning | completed | |
| City of Atchison, KS | KS | 7 | NA | completed | |
| City of Bayard | NE | 7 | planning | completed | |
| City of Beatrice, NE | NE | 7 | planning | ongoing | |
| City of Beloit, KS | KS | 7 | planning | completed | 0.03 |
| City of Belton | MO | 7 | NA | completed | |
| City of Bethany | MO | 7 | NA | completed | |
| City of Blue Rapids | KS | 7 | planning | completed | |
| City of Butler City | MO | 7 | NA | completed | |
| City of Caney | KS | 7 | planning | completed | 864 |
| City of Cape Girardeau | MO | 7 | NA | completed | |
| City of Carthage, MO | MO | 7 | planning | ongoing | |
| City of Chadron | NE | 7 | assessment | completed | 2500 |
| City of Clinton, IA | IA | 7 | planning | ongoing | |
| City of Council Bluffs | IA | 7 | cleanup | completed | |
| City of Denison | IA | 7 | assessment | completed | 4160 |
| City of Des Moines | IA | 7 | planning | completed | 30 |
| City of Eldora, IA | IA | 7 | planning | ongoing | |
| City of Ft. Dodge | IA | 7 | cleanup | completed | 1.1 |
| City of Fulton | MO | 7 | NA | completed | |
| City of Hannibal/Marion-Ralls Port Authority | MO | 7 | planning | ongoing | 50 |
| City of Iola | KS | 7 | planning | ongoing | |
| City of Jennings | MO | 7 | planning | ongoing | |
| City of Joplin, MO | MO | 7 | planning | ongoing | |
| City of Kansas City | MO | 7 | assessment | completed | 44.5 |
| City of Kennett | MO | 7 | NA | completed | |

| | | | | | |
|---|---|---|---|---|---|
| City of Lee's Summit, MO | MO | 7 | NA | completed | |
| City of Marshalltown, IA | IA | 7 | planning | ongoing | 8 |
| City of Maryville | MO | 7 | NA | completed | |
| City of Mason City | IA | 7 | assessment | ongoing | 16960 |
| City of Mexico | MO | 7 | NA | completed | |
| City of Moline Acres | MO | 7 | planning | ongoing | |
| City of Nevada | MO | 7 | planning | ongoing | |
| City of Osceola | MO | 7 | NA | completed | |
| City of Owensville | MO | 7 | NA | completed | |
| City of Pagedale | MO | 7 | NA | completed | |
| City of Rolla | MO | 7 | planning | completed | |
| City of Sioux City, IA | IA | 7 | planning | ongoing | 43 |
| City of Springfield | MO | 7 | assessment | ongoing | 25 |
| City of Stafford, KS | KS | 7 | planning | ongoing | |
| City of Van Buren | MO | 7 | NA | completed | |
| City of Waterloo, IA | IA | 7 | planning | completed | |
| City of Waynesville | MO | 7 | NA | completed | |
| Cozad Development Corporation | NE | 7 | cleanup | completed | 6 |
| East Central Intergovernmental Agency | IA | 7 | planning | completed | |
| Eskridge, KS | KS | 7 | planning | ongoing | |
| Flint Hills Regional Council | KS | 7 | planning | ongoing | |
| Groundwork NRG | KS | 7 | NA | completed | |
| inCOMMON | NE | 7 | planning | completed | |
| Interfaith Housing & Community Services | KS | 7 | planning | ongoing | 10 |
| Iowa Northland Regional Council of Governments (INRCOG) | IA | 7 | NA | ongoing | |
| Johnson Co. MO Eco Deco Corp | MO | 7 | planning | completed | 29 |
| Kansas City KS Community College | KS | 7 | planning | ongoing | |

| | | | | | |
|---|---|---|---|---|---|
| LAMB Arts LTD | IA | 7 | planning | completed | 0.5 |
| Marion-Ralls Regional Port Authority | MO | 7 | assessment | completed | |
| Springfield Community Gardens | MO | 7 | soil eval | completed | |
| St. Louis County | MO | 7 | NA | completed | |
| St. Louis Development Corp. | MO | 7 | planning | completed | |
| Village of Lodgepole | NE | 7 | planning | ongoing | |
| CDPHE | CO | 8 | assessment | completed | 300 |
| Cheyenne | WY | 8 | assessment | completed | 6 |
| City Mandan | ND | 8 | assessment | ongoing | 23 |
| City of Evans | CO | 8 | assessment | completed | 40 |
| City of Harlowton | MT | 8 | cleanup | completed | 180 |
| City of Kalispell | MT | 8 | planning, assessment | ongoing | 50 |
| City of La Junta | CO | 8 | assessment | completed | 3 |
| City of Loveland | CO | 8 | assessment | completed | 100 |
| City of Montrose | CO | 8 | assessment, cleanup | completed | 5.5 |
| Denver Department of Public Health & Environment | CO | 8 | assessment | completed | 5 |
| Fargo Housing and Redevelopment Authority | ND | 8 | cleanup | ongoing | 2 |
| GroHaus | CO | 8 | cleanup | completed | 1 |
| Huerfano County Economic Development | CO | 8 | assessment | completed | 350 |
| Littleton | CO | 8 | cleanup | ongoing | 5 |
| Mission West Development Partners | MT | 8 | planning | completed | 10 |
| Montana DEQ Brownfields Program | MT | 8 | assessment | completed | 30 |
| North Dakota Dept. of Commerce | ND | 8 | cleanup | ongoing | 100 |
| Rawlins | WY | 8 | assessment | completed | 10 |
| Salt Lake City Corporation, Department of Sustainability | UT | 8 | redevelopment | ongoing | 5 |
| Salt Lake County Regional Development | UT | 8 | assessment | completed | 100 |
| Sheridan County Conservation District | WY | 8 | both | ongoing | 5 |

| Snow College | UT | 8 | cleanup | completed | 1 |
|---|---|---|---|---|---|
| Town of Center | CO | 8 | planning | completed | 15 |
| Town of RIco | CO | 8 | assessment, cleanup | completed | 1 |
| Watershed Inc. | CO | 8 | cleanup | ongoing | 0.5 |
| Woodland Park | CO | 8 | assessment | ongoing | 0.5 |
| Fort Belknap Indian Community | MT | 8/Tribal | Assessments | ongoing | |
| Fort Peck Assiniboine & Sioux Tribes | MT | 8/Tribal | Assessment & Cleanup | ongoing | |
| Ft. Berthold, Three Affiliated Tribes | ND | 8/Tribal | TRP, Assessment/Cleanup | ongoing | |
| Prairie Band Pottawatomi Nation | KS | 7/Tribal | | | |
| Oglala Sioux Nation | SD | 8/Tribal | | | |
| Chippewa Cree Tribe | MT | 8/Tribal | 128(a) and 104(k) Cleanups | ongoing | |
| Northern Cheyenne Tribe | MT | 8/Tribal | 128(a) & 104(k) | ongoing | |
| Bay Mills Indian Community | MI | 5/Tribal | | completed | |

## Site Services Offered By KSU TAB

**Grant review and Support:** Application reviews; TAB EZ; answer EPA and other grant questions

**Building a Brownfields Program:** Brownfields Community Capacity Assessment; facilitate community conversations; stakeholder workshops; networking calls; site inventories; BiT; prioritizing sites; peer-to-peer assistance

**Site Reuse Planning:** Planning/engaging in visioning; evaluate redevelopment options; QoL Assessments; community surveys; public meetings; placemaking

**Technical Environmental Support**: ABCAs; QAPPs; RFP/Qs

**Economic Support:** Resource roadmaps; identification and leveraging resources; market analysis; feasibility studies; attract/work with developers

**Other Assistance:** Consultation calls; specialty assistance; soil test kitchens; existing community garden support

*Table 3*
*Typical community-specific services provided during reporting year*

| Type of service provided | Number of Times Provided 2021-2022 | | | | |
|---|---|---|---|---|---|
| | R5 | R6 | R7 | R8 | Nat/Reg Tribal |
| Grant Review and Support | 41 | 21 | 15 | 17 | 6 |
| Building a Brownfields Program | 13 | 9 | 17 | 6 | 4 |
| Site Reuse Planning | 13 | 6 | 16 | 0 | 4 |
| Technical Environmental Support | 6 | 2 | 0 | 3 | 2 |
| Economic Support | 6 | 8 | 8 | 6 | 1 |
| Other Assistance | 1 | 10 | 38 | 4 | 0 |
| **TOTAL** | **80** | **56** | **94** | **36** | **17** |

*Note: In total, KSU TAB provided these types of site services to communities 283 times*