

Build Kansas Fund | Fiscal Year 2024 Application Package | Memo



To: Senator Ty Masterson, Chair, Build Kansas Advisory Committee
Murl Riedel, Kansas Legislative Research Department
Shauna Wake, Office of the Kansas State Treasurer

From: Matthew A. Volz, P.E., Executive Director, Kansas Infrastructure Hub

RE: Build Kansas Fund Application # 2024-023-SCKEDD

Date: April 12, 2024

Attached, please find application made to the Build Kansas Fund by the Little Walnut Hickory Watershed Joint District #18.

The application packet includes the following items:

- Coversheet – provides a high-level overview of the application including a unique identification number, page 1 of 11 of the Build Kansas Fund Application Package.
- Build Kansas Fund Application – includes information submitted with the Build Kansas Fund Application, pages 2-8. Page 8 provides the table of funding sources.
- Attachments –An Executive Summary, pages 9-10

Project Overview

The Little Walnut Hickory Watershed Joint District #18 seeks funding from the US Department of Agriculture for funding available through the FY24 High Hazard Potential Dam (HHPD) program. After removal of downstream at-risk structures, the dam will meet current TR-60 criteria for a low hazard classification.

This program is a discretionary with a local match requirement of 35%. The Little Walnut Hickory Watershed Joint District #18 is requesting \$153,725.50 from the Build Kansas Fund. This request has the potential to unlock \$570,982.00 in federal funds each year.

The deadline for AIG applications is February 29, 2024. The Build Kansas Fund application was received on February 27, 2024.

Build Kansas Fund Steering Committee Recommendation

The Build Kansas Fund Steering Committee reviewed this application on March 20, 2024, following a successful completeness check. The Steering Committee **RECOMMENDS APPROVAL** of Build Kansas Funding to the Build Kansas Advisory Committee for final advice.

Build Kansas Fund | Fiscal Year 2024 Application Package | Coversheet



Build Kansas Fund Application Number	2024-023-SCKEDD
Project Name	Federal Rehab - Site #19 - Girl Scout Camp
Entity Type	Watershed District
Economic Development District (EDD) Planning Commission	SCKEDD South Central Kansas Economic Development District
Infrastructure Sector(s)	Water
BIL Program	National Dam Safety Program (NDSP): Rehabilitation of High Hazard Potential Dams (HHPD) Grant Program
BIL Program Type	Discretionary
BIL Application Deadline	2/29/2024
Build Kansas Fund Request	\$153,725.50
Technical Assistance Received	General No
	BIL Application No
	Build Kansas Fund Application Yes
	Other (Brief Description): Provide application and budget support for BKF
Application Notes	Build Kansas Fund contribution of \$153,725.50 will unlock \$570,982 in federal BIL funding.



Steering Committee Funding Recommendation	4/20/2024 Recommend
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Advisory Committee Target Review	DATE
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Advisory Committee Funding Recommendation	DATE Approve or Deny
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Completeness Review Data

Date Build Kansas Application Received:	2/27/2024
Date Of Completeness Check:	2/27/2024
Date Forwarded to Steering Committee:	2/27/2024, 3/13/2024

Title **Little Walnut Hickory Watershed Joint District #18** 02/27/2024
 id. 45696356
 by **Sandy Koontz** in **Build Kansas Fund Fiscal Year 2024 Application**
 sandy.koontz@ks.nacdnet.net

Original Submission 03/13/2024

Score n/a

Part 1: Applicant Information

The name of the entity applying for the Build Kansas Fund: Little Walnut Hickory Watershed Joint District #18

Project Name: Federal Rehab - Site #19 - Girl Scout Camp

Entity type: Other

If you selected "other," please describe your organization: Established through the Watershed District Act of 1953; it was legislatively determined that to protect soil and water resources, the Watershed District was organized with the power to construct, operate and maintain dams for flood control and conservation; funding is provided through County mill levies determined each year.

Applicant Contact Name: Sandy Koontz

Applicant Contact Position/Title: Watershed District Manager

Applicant Contact Telephone Number: +13163203549

Applicant Contact Email Address: sandy.koontz@ks.nacdnet.net

Applicant Contact Address: 2503 Enterprise

Applicant Contact Address Line 2 (optional): Suite B

Applicant Contact City: El Dorado

Applicant Contact State: Kansas

Applicant Contact Zip Code: 67042

Is the Project Contact the same as the Applicant Contact? Yes

Part 2: Build Kansas Fund - Eligibility Criteria

Certify that you are pursuing a viable Bipartisan Infrastructure Law (BIL) funding opportunity for which your entity is eligible: Yes

Certify that the Bipartisan Infrastructure Law (BIL) funding opportunity you are pursuing has a required non-federal match component: Yes

What is the primary county that the project will occur in? Butler County

The Build Kansas Fund is intended to support Kansas-based infrastructure projects. Please provide a list of all the zip codes this project will be located in, along with an estimated percent [%] of the project located in that zip code. For example, if seeking funding for road infrastructure, provide a rough percent of the roads expected in each zip code:

[Zip Code Percentage.xlsx](#)

Part 3: Bipartisan Infrastructure Law (BIL) - Grant Application Information
Please Note: This information is related to the federal Bipartisan Infrastructure Law (BIL) funding opportunity to which you will apply. This is NOT information for the Build Kansas Match Fund.

Please enter the Bipartisan Infrastructure Law (BIL) funding opportunity title that the entity is applying for: Fiscal Year 2024 Fall Rehabilitation of High Hazard Potential Dams (HHPD)

What is the funding agency for this Bipartisan Infrastructure Law (BIL) funding opportunity? U.S. Department of Agriculture

What is the Assistance Listing Number (ALN) for this Bipartisan Infrastructure Law (BIL) funding opportunity? 97.041

What is the application due date for this Bipartisan Infrastructure Law (BIL) funding opportunity? 2/29/2024

What is the federal fiscal year for this Bipartisan Infrastructure Law (BIL) funding opportunity? 2024

Enter the amount of funding being applied for, from the Bipartisan Infrastructure Law (BIL) funding opportunity: \$570,982.00

Enter the required non-federal match percentage: 35.0

Part 4: Build Kansas Fund - Match Application Information

Enter the non-federal match amount being requested from the Build Kansas Fund: \$153,725.50

Is the project able to move forward with a lesser match amount than requested? Yes

If you are awarded 0.0 less match than the amount requested, at what amount would your project NOT be able to move forward?

Expected breakdown of funding sources to support the project: Enter the funding source and projected amount from each source to support this project:

[Kansas+DOT+table.xlsx](#)

Part 5: Build Kansas Fund - Means Test

Confirm that there are no available funding sources currently planned to go unused by your entity that could be leveraged for this project: Yes

Confirm there are no available American Rescue Plan Act (ARPA) or Coronavirus State & Local Fiscal Recovery Fund monies that could be used for this match: Yes

Confirm that you have explored other readily available funding sources (federal or non-federal) to be used for this match: Yes

Briefly describe your efforts to find other available funding sources for this project: Kansas Department of Agriculture/Division of Conservation Watershed Rehabilitation Cost Share Program

Part 6: Additional Information

Please upload a copy of the Bipartisan Infrastructure Law (BIL) program application associated with this request OR a 2-page executive summary providing an overview of the project:

[Little_Walnut_Hickory_WSJD18_Executive_Summary_for_KS_BIL.pdf](#)

Provide any additional information about this project (optional):

Part 7: Terms and Conditions

Understanding of Fund Release Requirements: checked

Understanding of Use of Funds: checked

Understanding of Reporting Requirements: checked

Authority to Make Grant Application: checked

Persons and Titles: Sandra Koontz
The following persons are responsible for making this Build Kansas Fund application.

Position/Title: Watershed District Manager

Additional: Wayne Chambers

Position/Title: Watershed President

Additional: Curtis Willhite

Position/Title: Watershed Vice President/Secretary

Additional: Jim Overstake

Position/Title: Watershed Treasurer

Internal Form

Score n/a

Pre-Award Information:

Eligible for Build Kansas Fund?	YES
EDD / Region:	South Central
Project Primary Zip Code:	67074.0
Sector:	Water
Application ID:	2024-023-SCKEDD
BKF pre-obligated amount:	
Post-Award Information:	
Awarded BIL Grant?	
Federal funding unlocked:	
BKF committed amount:	
BKF de-obligation amount:	

Source	Amount	Zip Code	% of project in zip cod
BIL Federal Funds (applied for)	\$ 570,982.00	67074	100
Build Kansas Funds (non-federal match)	\$ 153,725.50		
Additional Project Contribution (if applicable)	\$ 153,725.50		
TOTAL PROJECT COST	\$ 878,433.00		

LITTLE WALNUT HICKORY WATERSHED

Joint District No. 18
2503 Enterprise - Suite B - El Dorado, Kansas 67042
(316) 320-3549

February 12, 2024

Executive Summary – Proposed rehabilitation and removal of structures, Floodwater Retarding Dam (FRD) Site #19 (Girl Scout Camp)

Floodwater Retarding Dam (FRD) 19 is one of 40 Public Law 566 (P.L. 566) FRDs constructed in the Little Walnut-Hickory Watershed. The original watershed work plan became effective on August 29, 1963, and construction on FRD 19 was completed on 9/23/1966. The dam is located in Butler County, 5 miles west and 2 miles north of Beaumont, Kansas. The watershed district requested an assessment of this structure in 2010 pursuant to Public Law 106-472, The Watershed Rehabilitation Amendments of 2000. This assessment was completed by AMEC Earth & Environmental, Inc. (now Wood Environmental & Infrastructure Solutions, Inc.) for the Natural Resources Conservation Service (NRCS).

The Dam Assessment Report dated June 18, 2010, is retained in the dam safety file for this site. It recommended keeping the current hazard class for this site as High. The Watershed Project Plan Supplement and EE, November 2017, recommended Rehabilitation to a Low Hazard Class Dam with Removal of At-Risk Dwellings to lower the hazard classification to Low and to meet current NRCS and Kansas State criteria to provide for a 100-yr structure life.

The watershed district requested rehabilitation assistance in 2020 to achieve this alternative to remove the downstream structures and upgrade the auxiliary spillway to meet current NRCS and state of Kansas hydrologic requirements for Low hazard structures. Additionally, a filter diaphragm around the principal spillway was added to the structure.

After rehabilitation, FRD 19 will be a compacted earthfill dam with a maximum height of 30.8 feet and a crest length of 1646 feet. The hazard class is currently High due to inundation of downstream habitable structures in the event of a catastrophic breach of the structure. After rehabilitation and removal of downstream at-risk structures, the dam will meet current TR-60 criteria for a low hazard classification. The watershed covers 2.24 square miles.

The surface area of the sediment pool is at elevation 1454.8 is 20.0 acres.
The effective fetch of the permanent pool at elevation 1453.9 is 862 feet.
The front slope is protected from wave action by existing riprap.
There is 4% chance of auxiliary spillway (ASW) activation each year.

The key elevations are as follows:

- Crest of dam 1471.4
- Crest of ASW 1467.0 PSW
- Invert 1453.9 PSW
- Outlet Invert 1443.4

The following is a comparison of the existing and new design features and elevations:

	Feature Existing	New	Design Hazard class	High	Low
Drainage area	2.21 sq. miles		2.24 sq. miles	Curve number (ARC II) 77	81
Top of dam	1471.4		1471.1		
Crest ASW	1464.7		1467.0		
Crest of riser inlet	1453.9		1453.9		
Drawdown	>10 days		~ 8 days		
ASW width	40 ft.		100 ft.		
Principal spillway conduit diameter	24 in.		24 in.		

The original objective of FRD 19 was to reduce flood damages along the unnamed tributary and main stem of Little Walnut River South Branch. The structure is being rehabilitated to maintain this objective by upgrading the structure to meet current hydrologic criteria. This will be done according to the planned alternative to raise and widen the auxiliary spillway. The auxiliary spillway will be raised to provide additional detention storage and widened to provide stability during passage of the freeboard storm event. The top of dam, permanent pool, and principal spillway will remain the same as existing. In addition, a filter drain will be installed to guard against potential hydraulic fracturing in the embankment around the principal spillway. Other benefits being maintained include sediment reduction, groundwater recharge, wildlife habitat enhancement, recreation, and water supply.

Partners include:

- Little Walnut Hickory Watershed Joint District #18
- Butler County Conservation District
- Natural Resources Conservation Service
- Butler County Emergency Management
- Butler County

Project Costs: See Page 3

Little Walnut-Hickory FRD 19 Rehabilitation	
Cost estimate	
PTL	LAG
5/8/2023	2/7/2024

Item	Cost	Note
Landrights	\$ 25,000	Estimate based on only one new acquisition anticipated; incremented from \$18,000 in Rehabilitation Plan-EA (2018)
Non-Federal Planning	\$ -	Planning phase is complete, zero non-fed planning cost
Non-Federal Engineering	\$ -	Potential architect cost for replacement buildings, no estimate from sponsor is available
Project Administration	\$ 15,000	Same as original 2014 MOU value
Relocation - Replacement In-kind	\$ -	Appraiser's 12/21/2022 report describes "decent, safe, and sanitary" replacement, so assume zero applicable in-kind replacement of structures
Relocation - Replacement to Decent, Safe, and Sanitary	\$ 352,746	Value of replacement buildings by "decent, safe, and sanitary" criteria per appraiser's 12/21/2022 report
Construction	\$ 310,000	Structure removal and dam rehabilitation cost estimates from final design (April 2023, rounded up)
		•Structure removal cost estimate is \$60,000
		•Dam rehabilitation cost estimate is \$243,604

Estimated Cost	\$ 702,746
25% Contingency	\$ 175,687
Total Cost	\$ 878,433
Federal Cost-Share	\$ 570,981
Local Cost-Share	\$ 307,451