Build Kansas Fund | Fiscal Year 2026 Application Package | Memo

To: Representative Troy Waymaster, Chair, Build Kansas Advisory Committee
Chardae Caine, Kansas Legislative Research Department
Shauna Wake, Office of the Kansas State Treasurer

From: Shawn Wesner, Executive Director, Kansas Infrastructure Hub

RE: **2026-183-NWKPDC City of Russell**

Date: July 16, 2026

Attached, please find an application made to the Build Kansas Fund by the City of Russell. The application packet includes the following items:

- Coversheet – provides a high-level overview of the application including a unique identification number, page 1 of 14 of the Build Kansas Fund Application Package.
- Build Kansas Fund Application – includes information submitted with the Build Kansas Fund Application, pages 2-7. Page 8 provides the table of funding sources and zip codes served by the project.
- Attachments – Project narrative, pages 9-14.

Project Overview
The City of Russell seeks funding from the Federal Emergency Management Agency (FEMA) for funding available through the Building Resilient Infrastructure and Communities (BRIC) program for their R9 Ranch - Russell Water Pipeline project which includes the construction of a critical 12-inch pipeline from Hays to Russell and complete the system's redundancy.

This opportunity is a discretionary IIJA program with a local match requirement of 25% of the total project cost. The entity is requesting $1,750,000.00 from the Build Kansas Fund, and is providing a local cash match of $100,000.00 with an additional project contribution of $1,000,000.00. This request has the potential to unlock $5,550,000.00 in federal funds, for a total project cost of $8,400,000.00.

The deadline for this opportunity is July 23, 2026, and this Build Kansas Fund application was received on April 16, 2026.

Previously Awarded BKF

Program/Fiscal Year	BKF Amount	Federal Award Status	BKF Status
BRIC/FY25	$339,941.61	Awarded	Committed

Build Kansas Fund Steering Committee Recommendation
The Build Kansas Fund Steering Committee reviewed this application on May 27, 2026 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 2026 Application Package | Coversheet

Build Kansas Fund Application Number	2026-183-NWKPDC		
Applicant Name	City of Russell		
Application Date Received	4/16/2026		
Project Name	R9 Ranch - Russell Water Pipeline		
Project Description	Construct a regional water transmission pipeline to provide a redundant, drought-resilient municipal water supply and strengthen long-term water reliability for Russell and surrounding communities.		
Entity Type	Local Government		
Economic Development District (EDD)	Northwest KS Planning & Development Commission		
Infrastructure Sector(s)	Resilience		
IIJA Program	Building Resilient Infrastructure and Communities (BRIC)		
IIJA Program Type	Discretionary		
Application Type	Implementation		
IIJA Application Deadline	7/23/2026		
Build Kansas Fund Request	$1,750,000.00		
Technical Assistance Received	General	Yes ☒ No ☐	
	IIJA Application	Yes ☒ No ☐	
	Build Kansas Fund Application	Yes ☒ No ☐	
Application Notes	Build Kansas Fund contribution of $1,750,000.00 will unlock $5,550,000.00 in federal IIJA funding, with a local cash contribution of $100,000.00 and an additional project contribution of $1,000,000.00, for a total project cost of $8,400,000.00		
Previously Awarded BKF Applications (If Applicable)	Program/FY	BKF Amount	Status
	BRIC/FY2024	$339,941.61	Awarded
Steering Committee Funding Recommendation	**5/27/2026 | Recommend ☒ Declined ☐**		
Advisory Committee Funding Recommendation	**7/16/2026| Recommend ☐ Declined ☐**		

Title

City of Russell

04/16/2026

by **Shayla Peck** in **Build Kansas Fund Application**

id. 53853465

133 W. 8th
Russell, Kansas
67665
United States
7854836311
treasurer@russellcity.org

Original Submission

04/16/2026

Score	n/a
	Part 1: Applicant Information
The name of the entity applying for the Build Kansas Fund:	City of Russell
Project Name:	R9 Ranch - Russell Water Pipeline
Entity type:	Local Government
Entity Population:	4,325
Applicant Contact Name:	Shayla Peck
Applicant Contact Position/Title:	Treasurer
Applicant Contact Telephone Number:	+17854836311
Applicant Contact Email Address:	treasurer@russellcity.org
Applicant Contact Address:	133 W. 8th
Applicant Contact Address Line 2 (optional):	PO Box 112

Applicant Contact City:	Russell
Applicant Contact State:	Kansas
Applicant Contact Zip Code:	67665
Is the Project Contact the same as the Applicant Contact?	Yes
	Part 2: Build Kansas Fund - Eligibility Criteria
Certify that you are pursuing an Infrastructure Investment and Jobs Act (IIJA) funding opportunity for which your entity is eligible:	Yes
Certify that the Infrastructure Investment and Jobs Act (IIJA) funding opportunity you are pursuing has a required non-federal match component:	Yes
What is the primary county that the project will occur in?	Ellis 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: Infrastructure Investment and Jobs Act (IIJA) - Grant Application Information Please Note: This information is related to the federal Infrastructure Investment and Jobs Act (IIJA) funding opportunity to which you will apply. This is NOT information for the Build Kansas Match Fund.

Please enter the Infrastructure Investment and Jobs Act (IIJA) funding opportunity title that the entity is applying for:	Building Resilient Infrastructure and Communities
What is the funding agency for this Infrastructure Investment and Jobs Act (IIJA) funding opportunity?	U.S. Department of Homeland Security
What is the Assistance Listing Number (ALN) for this Infrastructure Investment and Jobs Act (IIJA) funding opportunity?	97.047
What is the federal application due date for this Infrastructure Investment and Jobs Act (IIJA) funding opportunity?	7/23/2026
Application Type:	Implementation
What is the federal fiscal year for this Infrastructure Investment and Jobs Act (IIJA) funding opportunity?	2024
Enter the amount of funding being applied for, from the Infrastructure Investment and Jobs Act (IIJA) funding opportunity:	$5,550,000.00
Enter the total project cost:	$8,400,000.00

Enter the required non-federal match percentage:	25%
	Part 4: Build Kansas Fund - Match Application Information Beginning in July 2024 and moving forward, eligible applicants are expected to contribute a portion of the non-Federal match requirement. This contribution can be in the form of cash and/or in-kind contributions. The goal is to demonstrate the applicant's commitment to the project. The contribution should be significant enough relative to the Build Kansas Fund request. For a local public entity, 5% of the non-federal match is a good guideline, but not a requirement. See Build Kansas Fund Program Guidance for exceptions and more information.
Enter the non-federal cash match amount being requested from the Build Kansas Fund:	$1,750,000.00
Enter the non-federal cash match amount being provided by the eligible applicant, if applicable:	$100,000.00
Enter the estimated value of the non-federal in-kind match amount being provided by the eligible applicant, if applicable:	$0

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_V2.xlsx

	Part 5: Build Kansas Fund - Means Test and Eligible Applicant Match
What other available funding sources that are currently planned to go unused by your entity will be leveraged for this project?	No other available funding sources are currently planned to go "unused". We implement a 10-year capital improvement plan for all our funds.

Will any American Rescue Plan Act (ARPA) or Coronavirus State & Local Fiscal Recovery Fund monies be used for the non-federal match?	No.
What other sources of in-kind match will be leveraged for this project? Please list and include the actual or estimated value of each.	No other in-kind match sources available at this time.
What other funding sources (local, federal, or non-federal) will be used for this match?	Water Utility Reserve funds & Water Sales tax revenue
Describe your efforts to find other available funding sources for this project:	We have applied for several different grants and looked at several funding sources over many years. Now that the project is on the horizon, we are applying for the BRIC grant. We implemented a .75 Water Sales tax in 2024 to help cover infrastructure costs and increased transfers to our Water Utility Reserve Fund.
	Part 6: Additional Information

Please upload a draft or final version of the Infrastructure Investment and Jobs Act (IIJA) program grant application associated with this request OR an executive summary providing an overview of the project:

BRIC_Executive_Summary.docx

BCA_2026.pdf

Russell_60_Cost_Estimate.pdf

Provide any additional information about this project not covered in previous sections of this application (optional):	Something to note: this will be a big investment in what had been an underinvested part of the state as per Build Kansas tracking from https://kshub.org/bkfdashboard.
	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: The following persons are responsible for making this Build Kansas Fund application.	Shayla Peck
Position/Title:	Treasurer
Additional:	Kayla Schneider
Position/Title:	City Manager
Additional:	
Position/Title:	
Additional:	
Position/Title:	

Project Source	Amount	% of Project
Build Kansas Funds (non-federal match)	$1,750,000.00	20.83%
Eligible Applicant Cash Match	$100,000.00	1.19%
Eligible Applicant In-Kind Match (estimated value)	$0.00	0.00%
IIJA Federal Funds (applied for)	$5,550,000.00	66.07%
Additional Project Contribution (if applicable)	$1,000,000.00	11.90%
TOTAL PROJECT COST	$8,400,000.00	100.00%

Project Match	Amount	% of Match
Build Kansas Funds	$1,750,000.00	94.59%
Applicant Contribution	$100,000.00	5.41%
TOTAL MATCH	$1,850,000.00	100.00%

Zip Code	% of project in zip code
67665	100%
	100% In Kansas

Executive Summary: R9 Pipeline (BRIC Application)

Project Description

The R9 Wellfield and Pipeline Project is a regional hazard mitigation and water resilience initiative designed to secure a reliable, drought-resistant municipal water supply for the City of Russell and surrounding communities. The project includes development of a new groundwater wellfield in Edwards County, Kansas, and construction of a regional transmission system connecting the wellfield to the City of Hays and ultimately to Russell.

This BRIC funding request supports the construction of the critical second segment: a 12-inch pipeline from the Hays wellfield near Schoenchen to Russell's Big Creek Intake. This segment is essential to deliver water from the R9 source to Russell and complete the system's redundancy.

Hazard Mitigation Need

The project directly addresses chronic and intensifying drought conditions, a primary natural hazard impacting central Kansas. Although Russell holds significant water rights, those resources are constrained by an Intensive Groundwater Use Control Area (IGUCA) and prolonged drought, leaving the community dependent on a single, limited source—the Pfeifer wellfield.

Russell has experienced repeated and extended water emergencies, including:

- Eight consecutive years (2005–2013) under water warning or emergency conditions
- Mandatory conservation measures continuously in place since April 2022
- Severe restrictions including bans on outdoor water use and major reductions in industrial consumption

In addition to drought, the City's surface water supply is highly vulnerable to contamination from agricultural runoffs, algae blooms, and nearby oilfield activity. During such events, reliance on a single groundwater source creates a critical system failure risk.

This project mitigates the risk of water supply disruption by introducing a redundant, geographically separate groundwater source, thereby reducing the community's vulnerability to both drought and contamination hazards.

Project Partners and Capability

The project is a collaborative regional effort involving:

- The City of Russell (sub applicant)
- The City of Hays (regional partner and system operator)
- Kansas Department of Agriculture (regulatory authority and water rights oversight)

Both cities have demonstrated strong capability and commitment to water resource management, including joint ownership of a 7,000-acre ranch with established water rights and a history of proactive conservation measures. The communities maintain water usage rates significantly below state averages, demonstrating effective stewardship and readiness to implement this mitigation project.

Project Goals and Objectives

This project aligns with FEMA BRIC priorities by reducing risk to critical infrastructure and enhancing community resilience. Key objectives include:

- Mitigate long-term drought risk by diversifying water supply sources
- Provide redundancy to prevent catastrophic water system failure
- Reduce reliance on emergency conservation measures
- Protect public health and safety through reliable potable water access
- Strengthening resilience of critical economic and industrial sectors
- Support sustainable population and economic growth

Budget and Cost Effectiveness

The total project cost for this segment is **$8,436,666**, allocated as follows:

- Construction: $6,915,300
- Legal/Acquisition: $656,953.50
- Construction Engineering: $864,412.50

The project is cost-effective as it prevents significant economic losses associated with water shortages, industrial disruption, and emergency response measures. By reducing the frequency and severity of drought-related impacts, the project is expected to yield substantial long-term savings and qualifies as a high-impact mitigation investment.

Expected Outcomes and Community Resilience Benefits

Upon completion, the project will:

- Provide a reliable secondary water source during drought or contamination events
- Eliminate prolonged water emergencies and severe conservation mandates
- Reduce stress on existing infrastructure and improve water quality
- Enhance resilience of critical facilities, businesses, and residential areas
- Support approximately 35,000 residents across the region
- Enable continued operation and expansion of key industries

The project will transform Russell’s water system from a single-point-of-failure model into a resilient, redundant system capable of withstanding future climate variability and hazard events.

National and State Significance

National Relevance:
The project supports critical U.S. food supply infrastructure by ensuring water reliability for major agricultural processing operations, including Purefield Ingredients, North America's largest wheat gluten producer. Reliable water access enables a planned $300 million expansion that will significantly increase grain processing capacity and strengthen national food supply chains.

Kansas Impact:
The project protects a regional economy generating approximately $2 billion annually and is projected to produce $200–300 million in annual economic benefits. It also supports Kansas agriculture by increasing demand for grain and benefiting livestock producers through expanded byproduct availability.

BRIC Alignment Summary

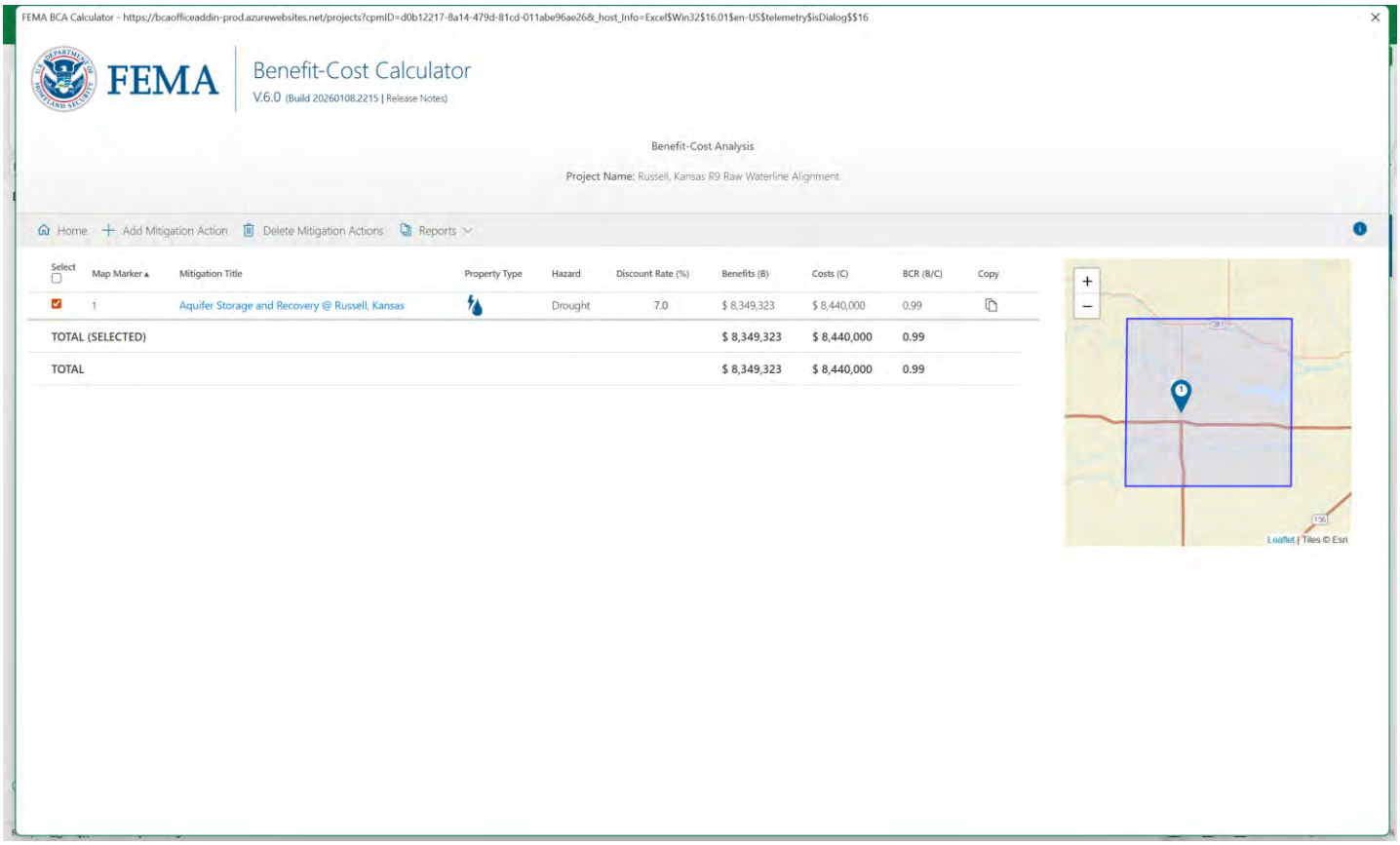
This project meets key BRIC criteria by:

- Addressing a well-documented natural hazard (drought)
- Reducing risk to critical infrastructure and essential services
- Providing long-term, sustainable mitigation benefits
- Leveraging regional collaboration and existing investments
- Delivering strong economic and community resilience outcomes

OWNER: CITY OF RUSSELL
PROJECT: R9 WATERLINE
PEC PROJECT NO: 237341-004
DATE: 03/18/2026

PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ENGINEER'S OPINION OF PROBABLE COST	
				UNIT PRICE	COST
BASE BID					
1	**12" WL Pipe**	46,900	LF	$ 120.00	$ 5,628,000.00
2	**12" RJ Waterline by Directional Drill**	1,550	LF	$ 160.00	$ 248,000.00
3	**12" RJ Pipe**	250	LF	$ 150.00	$ 37,500.00
4	**Steel Casing by Bore (22" min I.D.)**	250	LF	$ 550.00	$ 137,500.00
5	**Air Release Assembly**	14	EA	$ 3,000.00	$ 42,000.00
6	**12" Valve Assembly**	8	EA	$ 3,500.00	$ 28,000.00
7	**Flushing Hydrant Assembly**	8	EA	$ 5,000.00	$ 40,000.00
8	**Connect to Existing WL**	2	EA	$ 10,000.00	$ 20,000.00
9	**Control Valve Vault**	1	LS	$ 50,000.00	$ 50,000.00
10	**SCADA / Electrical**	1	LS	$ 30,000.00	$ 30,000.00
11	**Construction Staking**	1	LS	$ 25,000.00	$ 25,000.00
12	**Mobilization**	1	LS	$ 100,000.00	$ 100,000.00
13	**Erosion Control**	1	LS	$ 50,000.00	$ 50,000.00
14	**Temporary and Permanent Seeding**	1	LS	$ 75,000.00	$ 75,000.00
15	**Site Clearing and Restoration**	1	LS	$ 75,000.00	$ 75,000.00
SUBTOTAL CONSTRUCTION				**$**	**6,586,000.00**
CONTINGENCIES			**5.0%**	**$**	**329,300.00**
TOTAL CONSTRUCTION				**$**	**6,915,300.00**
PROJECT COSTS			**22.0%**	**$**	**1,521,366.00**
	EASEMENT ACQUISITION (APPROX. 10 AC		**2.0%**	**$**	**138,306.00**
	CITY FINANCING/LEGAL/ADMIN		**7.5%**	**$**	**518,647.50**
	CONSTRUCTION ENGINEERING (CE)		**12.5%**	**$**	**864,412.50**
TOTAL PROJECT COST				**$**	**8,436,666.00**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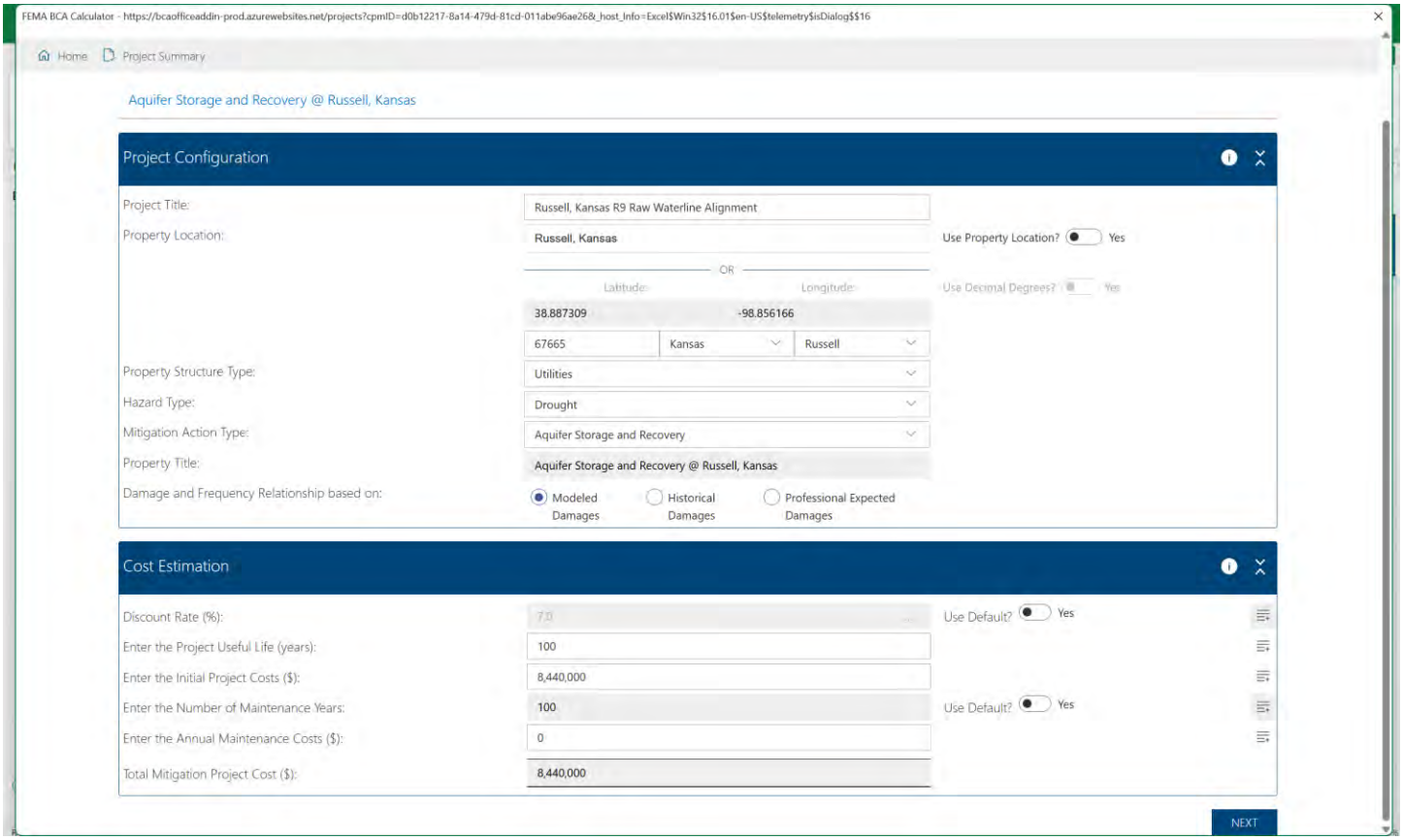
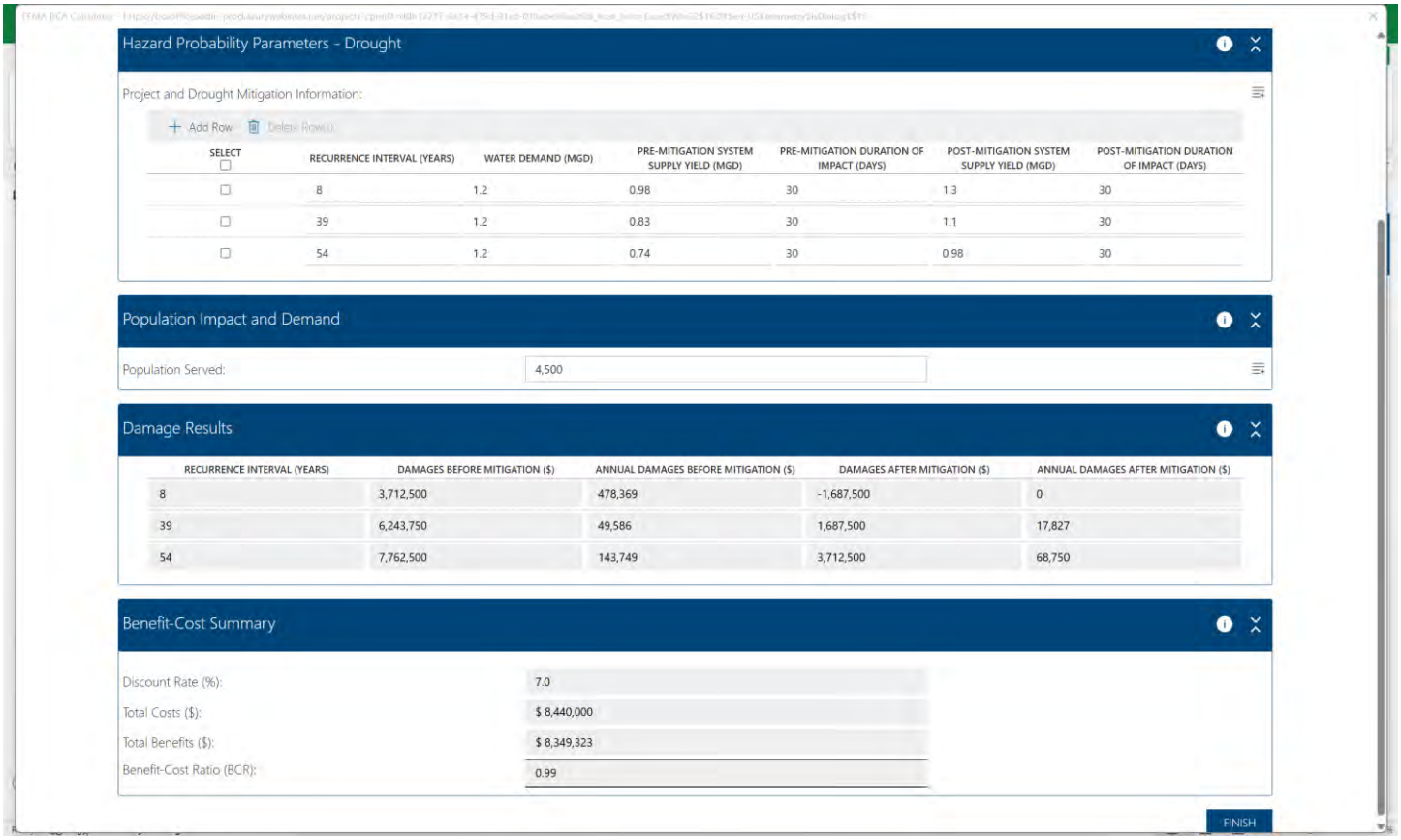
FEMA
Benefit-Cost Calculator
V.6.0 (Build 20260108.2215 | Release Notes)
Benefit-Cost Analysis
Project Name: Russell, Kansas R9 Raw Waterline Alignment
Home
Add Mitigation Action
Delete Mitigation Actions
Reports
Select
Map Marker
Mitigation Title
Property Type
Hazard
Discount Rate (%)
Benefits (B)
Costs (C)
BCR (B/C)
Copy
1
Aquifer Storage and Recovery @ Russell, Kansas
Drought
7.0
$ 8,349,323
$ 8,440,000
0.99
TOTAL (SELECTED)
$ 8,349,323
$ 8,440,000
0.99
TOTAL
$ 8,349,323
$ 8,440,000
0.99
Leaflet | Tiles © Esri


FEMA BCA Calculator - https://bcaofficeaddin-prod.azurewebsites.net/projects?cpmID=d0b12217-8a14-479d-81cd-011abe96ae26&_host_Info=Excel$Win32$16.01$en-US$telemetry$isDialog$$16
Home
Project Summary
Aquifer Storage and Recovery @ Russell, Kansas
Project Configuration
Project Title:
Russell, Kansas R9 Raw Waterline Alignment
Property Location:
Russell, Kansas
Use Property Location?
Yes
OR
Latitude:
Longitude:
Use Decimal Degrees?
Yes
38.887309
-98.856166
67665
Kansas
Russell
Property Structure Type:
Utilities
Hazard Type:
Drought
Mitigation Action Type:
Aquifer Storage and Recovery
Property Title:
Aquifer Storage and Recovery @ Russell, Kansas
Damage and Frequency Relationship based on:
Modeled Damages
Historical Damages
Professional Expected Damages
Cost Estimation
Discount Rate (%):
7.0
Use Default?
Yes
Enter the Project Useful Life (years):
100
Enter the Initial Project Costs ($):
8,440,000
Enter the Number of Maintenance Years:
100
Use Default?
Yes
Enter the Annual Maintenance Costs ($):
0
Total Mitigation Project Cost ($):
8,440,000
NEXT


Hazard Probability Parameters - Drought
Project and Drought Mitigation Information:
+ Add Row
Delete Row(s)
SELECT
RECURRENCE INTERVAL (YEARS)
WATER DEMAND (MGD)
PRE-MITIGATION SYSTEM SUPPLY YIELD (MGD)
PRE-MITIGATION DURATION OF IMPACT (DAYS)
POST-MITIGATION SYSTEM SUPPLY YIELD (MGD)
POST-MITIGATION DURATION OF IMPACT (DAYS)
8 1.2 0.98 30 1.3 30
39 1.2 0.83 30 1.1 30
54 1.2 0.74 30 0.98 30
Population Impact and Demand
Population Served:
4,500
Damage Results
RECURRENCE INTERVAL (YEARS)
DAMAGES BEFORE MITIGATION ($)
ANNUAL DAMAGES BEFORE MITIGATION ($)
DAMAGES AFTER MITIGATION ($)
ANNUAL DAMAGES AFTER MITIGATION ($)
8 3,712,500 478,369 -1,687,500 0
39 6,243,750 49,586 1,687,500 17,827
54 7,762,500 143,749 3,712,500 68,750
Benefit-Cost Summary
Discount Rate (%): 7.0
Total Costs ($): $ 8,440,000
Total Benefits ($): $ 8,349,323
Benefit-Cost Ratio (BCR): 0.99
FINISH