



**NAVAJO NATION DEPARTMENT OF JUSTICE**  
**OFFICE OF THE ATTORNEY GENERAL**

ETHEL B. BRANCH  
Attorney General

HEATHER CLAH  
Deputy Attorney General

**DEPARTMENT OF JUSTICE**  
**INITIAL ELIGIBILITY DETERMINATION**  
**FOR NAVAJO NATION FISCAL RECOVERY FUNDS**

**RFS/HK Review #:** \_\_\_\_\_

**Date & Time Received:** \_\_\_\_\_

**Date & Time of Response:** \_\_\_\_\_

**Entity Requesting FRF:** \_\_\_\_\_

**Title of Project:** \_\_\_\_\_

**Administrative Oversight:** \_\_\_\_\_

**Amount of Funding Requested:** \_\_\_\_\_

**Eligibility Determination:**

- ☐ FRF eligible  
☐ FRF ineligible  
☐ Additional information requested

**FRF Eligibility Category:**

- ☐ (1) Public Health and Economic Impact  
☐ (2) Premium Pay  
☐ (3) Government Services/Lost Revenue  
☐ (4) Water, Sewer, Broadband Infrastructure

**U.S. Department of Treasury Reporting Expenditure Category:** \_\_\_\_\_

- ☐ Missing Form
- ☐ Supporting documentation missing
- ☐ Project will not be completed by 12/31/2026
- ☐ Ineligible purpose
- ☐ Submitter failed to timely submit CARES reports
- ☐ Additional information submitted is insufficient to make a proper determination
- ☐ Expenditure Plan incomplete
- ☐ Funds will not be obligated by 12/31/2024
- ☐ Incorrect Signatory
- ☐ Inconsistent with applicable NN or federal laws

[illegible]

Name of DOJ Reviewer: \_\_\_\_\_

Signature of DOJ Reviewer: MRodis

If additional information has been requested and you wish to provide it, please resubmit all the required forms updated to include the additional information. Full resubmission will expedite the Initial Eligibility Determination process. Therefore, please include a new RFS form indicating resubmission, revised Appendix A, Budget Form 1, and other supporting documents. **Please email your resubmission to [arpa@nndoj.org](mailto:arpa@nndoj.org).** Please be aware that under Resolution BFS-31-21 a Project or Program can only be reviewed twice, therefore it is critical that you include all the requested additional information for your second submission.

Page 2 of 2

**THE NAVAJO NATION  
FISCAL RECOVERY FUNDS REQUEST FORM & EXPENDITURE PLAN  
FOR GOVERNANCE-CERTIFIED CHAPTERS**

**Part 1. Identification of parties.**

Governance-Certified Chapter requesting FRF: Houck Chapter Date prepared: 03-15-23

Chapter's mailing address: P.O. Box 127 phone & email: 928-688-2734  
Houck, AZ 86505 website (if any): houck@navajochapters.org

This Form prepared by: Laura Lee Yazzie phone/email: lauraleeyaz@yahoo.com  
Laura Lee Yazzie, Chapter Manager 928-551-0812  
CONTACT PERSON'S name and title CONTACT PERSON'S info

Title and type of Project: Bathroom Addition Project

Chapter President: Fred Footracer phone & email: 928-245-9130 ironheadfred433@gmail.com  
Chapter Vice-President: Ernest Hubbell phone & email: 505-870-4875 ernhub45@gmail.com  
Chapter Secretary: Virginia Barker phone & email: 505-409-3271 pudgievalley@yahoo.com  
Chapter Treasurer: Virginia Barker phone & email: 505-409-3271 pudgievalley@yahoo.com  
Chapter Manager or CSC: Laura Lee Yazzie phone & email: 928-551-0812 lauraleeyaz@yahoo.com  
DCD/Chapter ASO: Patricia Begay phone & email: 928-871-7515 pdbegay@nndcd.0rg

List types of Subcontractors or Subrecipients that will be paid with FRF (if known): Contractors for electrical and plumbing projects; sewer & drainfield; construction of bathroom. ☐ document attached

Amount of FRF requested: \$705,000 FRF funding period: 12/01/24 to 09/30/26  
indicate Project starting and ending/deadline date

**Part 2. Expenditure Plan details.**

(a) Describe the Program(s) and/or Project(s) to be funded, including how the funds will be used, for what purposes, the location(s) to be served, and what COVID-related needs will be addressed:

Houck Chapter is requesting funding for the construction of twenty (20) bathroom additions for the families identified through a chapter community assessment. This funding will cover building materials and labor costs. The BR addition will be an 8x12 structure, either attached to an existing house or built within the home (ADA compliance). Through this project, OEH/IHS and NTUA will provide coordination and collaboration to provide domestic water system to the 20 families currently requesting BR additions within the Houck Community. The FRF will be used to respond to COVID-19 public health emergency or its negative economic impacts to assist families. ☐ document attached

(b) Explain how the Program or Project will benefit the Navajo Nation, Navajo communities, or the Navajo People:

Houck Chapter has long recognized the need to addresss the lack of water and electrical services in the Houck Community. With 41% of the Chapter's household without water & electricity, this creates a major threat to health and safety. Basic plumbing, including toilet and bath facilities are at the core of modern hygiene practices. NTUA supplies & extends water, electricity, natural gas, wastewater treatment & telecommunication services to homes & businesses through the 27,000 sq. mile of the ☐ document attached

(c) A prospective timeline showing the estimated date of completion of the Project and/or each phase of the Project. Disclose any challenges that may prevent you from incurring costs for all funding by December 31, 2024 and/or fully expending funds and completing the Program(s) or Project(s) by December 31, 2026:



## APPENDIX A

The goal of the Chapter is to construct 20 bathroom additions over a 3-year period, commencing 12/01/24 & completion in September 2026. This will be done in 2-phases with 10 units in the 1st phase & 10 units in 2nd phase. This will be an excellent example of cooperation & coordination between the 3 entities, Houck Chapter, OEH & NTUA. The challenge are how NTUA & OEH will work with multiple chapters who need these services.

☒ document attached

(d) Identify who will be responsible for implementing the Program or Project:

The Chapter Manager and the Administrative Assistant, with assistance from the Chapter Officials.

☐ document attached

(e) Explain who will be responsible for operations and maintenance costs for the Project once completed, and how such costs will be funded prospectively:

The key personnel for the project will be the Chapter Manager for project oversight and the Chapter President will provide oversight for technical aspects of the Bathroom Project. The ARPA funds for the project will be entered into the MIP Financial System and a financial report will be provided on a monthly basis.

☐ document attached

(f) State which of the 66 Fiscal Recovery Fund expenditure categories in the attached U.S. Department of the Treasury Appendix 1 listing the proposed Program or Project falls under, and explain the reason why:

2: Household Assistance: Utility Aid; 5: Infrastructure Clean Water: 1.12 - Other Sewer Infrastructure & Water Conservation; Drinking Water: Other water infrastructure. Basic health issues of our community members is a high priority for the Houck Chapter. Although between 25-30 families will be served for access to water, each family served will be gaining a basic utility services critical to the families health and well-being.

☐ document attached

### Part 3. Additional documents.

List here all additional supporting documents attached to this FRF Expenditure Plan (or indicate N/A):

Houck Chapter Resolution; timeline of the Bathroom Addition project, with a start and completion date; Budgets for the Bathroom Addition Project.

☒ Chapter Resolution attached


### Part 4. Affirmation by Funding Recipient.

Funding Recipient affirms that its receipt of Fiscal Recovery Funds and the implementation of this FRF Expenditure Plan shall be in accordance with Resolution No. CJY-41-21, the ARPA, ARPA Regulations, and with all applicable federal and Navajo Nation laws, regulations, and policies:

Chapter's  
Preparer:

  
signature of Preparer CONTACT PERSON

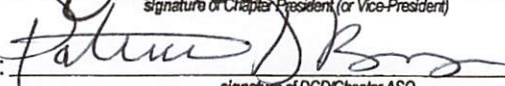
Approved by:

  
signature of Chapter President (or Vice-President)


Approved by:

  
signature of Chapter Manager or CSC

Approved by:

  
signature of DCD/Chapter ASO

Approved to submit  
for Review:

  
signature of DCD Director



FY 2023

**THE NAVAJO NATION  
PROGRAM BUDGET SUMMARY**

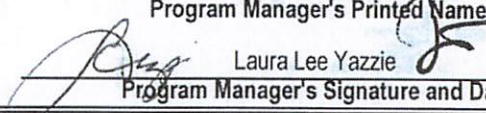
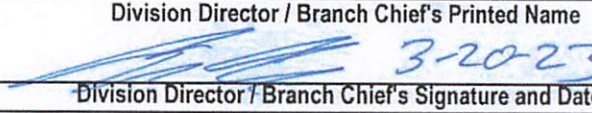
Page 1 of 3  
BUDGET FORM 1

PART I. Business Unit No.: <u>NEW</u>		Program Title: <u>Houck Chapter - BATHROOM ADDITIONS</u>		Division/Branch: <u>DCD</u>	
Prepared By: <u>Laura Lee Yazzie</u>		Phone No.: <u>928-688-2734</u>		Email Address: <u>loraleeyaz814@yahoo.com</u>	

PART II. FUNDING SOURCE(S)	Fiscal Year /Term	Amount	% of Total	PART III. BUDGET SUMMARY	Fund Type Code	(A) NNC Approved Original Budget	(B) Proposed Budget	(C) Difference or Total
Fiscal Recovery Funds	12/1/21 <del>22</del>	705,000.00	100%					
	<del>9/30/26</del>			2001 Personnel Expenses				
				3000 Travel Expenses				
				3500 Meeting Expenses				
				4000 Supplies				
				5000 Lease and Rental				
				5500 Communications and Utilities				
				6000 Repairs and Maintenance				
				6500 Contractual Services				
				7000 Special Transactions				
				8000 Public Assistance				
				9000 Capital Outlay	6	0	705,000	705,000
				9500 Matching Funds				
				9500 Indirect Cost				
				<b>TOTAL</b>		\$0.00	705,000.00	705,000
				PART IV. POSITIONS AND VEHICLES				
						(D)	(E)	
				Total # of Positions Budgeted:		0	0	
				Total # of Vehicles Budgeted:		0	0	
<b>TOTAL:</b>		\$705,000.00	100%					

PART V. I HEREBY ACKNOWLEDGE THAT THE INFORMATION CONTAINED IN THIS BUDGET PACKAGE IS COMPLETE AND ACCURATE.

SUBMITTED BY: <u>James A takai, Deputy Director</u> <u>Program Manager's Printed Name</u>  <u>Laura Lee Yazzie</u> <u>Program Manager's Signature and Date</u>	APPROVED BY: <u>Calvin Castillo, Executive Director</u> <u>Division Director / Branch Chief's Printed Name</u>  <u>3-20-23</u> <u>Division Director / Branch Chief's Signature and Date</u>
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FY 2023THE NAVAJO NATION  
PROGRAM PERFORMANCE CRITERIAPage 2 of 3  
BUDGET FORM 2

## PART I. PROGRAM INFORMATION:

Business Unit No.: NEW

Program Name/Title:

Houck Chapter - BATHROOM ADDITIONS

## PART II. PLAN OF OPERATION/RESOLUTION NUMBER/PURPOSE OF PROGRAM:

Houck Chapter Resolution HCR-021623-05 HCR-031623-05

## PART III. PROGRAM PERFORMANCE CRITERIA:

1st QTR		2nd QTR		3rd QTR		4th QTR	
Goal	Actual	Goal	Actual	Goal	Actual	Goal	Actual

## 1. Goal Statement:

Construct twenty (20) Bathroom Additions for community members.

## Program Performance Measure/Objective:

Complete Bathroom Additions construction by the end of funding period.

1	1	2	2	3	3	4	4
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## 2. Goal Statement:

## Program Performance Measure/Objective:

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## 3. Goal Statement:

## Program Performance Measure/Objective:

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## 4. Goal Statement:

## Program Performance Measure/Objective:

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## 5. Goal Statement:

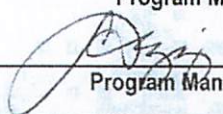
## Program Performance Measure/Objective:

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## PART IV. I HEREBY ACKNOWLEDGE THAT THE ABOVE INFORMATION HAS BEEN THOROUGHLY REVIEWED.

James Adakai, Deputy Director

Program Manager's Printed Name

  
Laura Lee Yazzie  
Program Manager's Signature and Date3-20-23

Calvin Castillo, Executive Director

Division Director/Branch Chief's Printed Name

  
Division Director/Branch Chief's Signature and Date3-20-23

**FY 2023**

## THE NAVAJO NATION DETAILED BUDGET AND JUSTIFICATION

**Page 3 of 3**  
**BUDGET FORM 4**

<b>PART I. PROGRAM INFORMATION:</b>			
<b>Program Name/Title:</b>	<b>Houck Chapter - BATHROOM ADDITIONS</b>	<b>Business Unit No.:</b>	<b>NEW</b>
<b>PART II. DETAILED BUDGET:</b>			
(A)	(B)	(C)	(D)
Object Code (LOD 6)	Object Code Description and Justification (LOD 7)	Total by DETAILED Object Code (LOD 6)	Total by MAJOR Object Code (LOD 4)
6200	EXTERNAL CONTRACTORS		
	6210 Plumbing		
	6220 Electrical		
		705,000	705,000
<b>TOTAL</b>		<b>705,000</b>	<b>705,000</b>



**THE NAVAJO NATION  
PROJECT BUDGET SCHEDULE**

Page 1 of 1  
**PROJECT FORM**

<b>PART I. Business Unit No.:</b> <u>NEW</u> <b>Project Title:</b> <u>BATHROOM ADDITION PROJECT</u> <b>Project Description</b> <u>Assist families w/minor/major renovations to dilapidated homes.</u> <b>Check one box:</b> <input checked="" type="checkbox"/> Original Budget <input type="checkbox"/> Budget Revision <input type="checkbox"/> Budget Reallocation <input type="checkbox"/> Budget Modification														<b>PART II. Project Information</b> <b>Project Type:</b> <u>Bathroom Addition Project</u> <b>Planned Start Date:</b> <u>Dec. 01, 2024</u> <b>Planned End Date:</b> <u>Sept. 30, 2026</u> <b>Project Manager:</b> <u>Laura Lee Yazzie</u>																																	
<b>PART III.</b> List Project Task separately; such as Plan, Design, Construct, Equip or Furnish.														<b>PART IV. Use Fiscal Year (FY) Quarters to complete the information below. O = Oct.; N = Nov.; D = Dec., etc.</b>																																	
														FY 2024 <sup>3</sup>														FY 2026														Expected Completion Date if project exceeds 8 FY Qtrs.					
														1st Qtr.			2nd Qtr.			3rd Qtr.			4th Qtr.			1st Qtr.			2nd Qtr.			3rd Qtr.			4th Qtr.			Date									
														O	N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M	A	M	J	Jul	A	S	O	N	D	J	F	M				
Hire a Constructin Contractor to comply chap ter procurement process Obtain preliminary cost estimate for construction of BA additions Meet w/Contractor & provide a list of families for BR additions. Review contract, discuss start date for construction of bathrooms. Notice to Proceed to start bathroom construction for 30 families Complete BR Addition Project																x																															





## **HOUCK CHAPTER GOVERNANCE**

P.O Box 127 Houck, AZ 86506 PH#: (928) 688-2734 Fax #: (928) 688-3068  
Fred Footracer, Chapter President Celicia Yazzie-Denny, Grazing Official  
Ernest Hubbell, Vice President Lomardo Aseret, Council Delegate  
Virginia Barker, Chapter Secretary/Treasurer Laura Lee Yazzie, Chapter Manager

HCR-031623-05

### **RESOLUTION OF THE HOUCK CHAPTER**

#### **ACCEPTING AND APPROVING THE ARPA ALLOCATION IN THE AMOUNT OF \$705,000.00 FOR HOUCK BATHROOM ADDITION PROJECT, AND IMPLEMENTING THE EXPENDITURE PLANS AND REPORTING REQUIREMENTS, WITH MONITORING AND OVERSIGHT BY THE NAVAJO NATION FISCAL RECOVERY FUND OFFICE**

##### **WHEREAS:**

1. The Houck Chapter was established pursuant to 26 N.N.C., Chapter 1, Sub-Chapter 1, Section 3(a) by the Navajo Nation Council CAP-34-98; and
2. The Houck Chapter complies with the Local Governance Act (LGA) and certified pursuant to 26 N.N.C., Section 102(B), which permits the Chapter to exercise authorities contained with 26 N.N.C., Section 103, including land administration authority; and
3. The Houck Chapter has the authority to provide for, promote, preserve and protect the health, safety and welfare of its community members; and
4. The FRF funds must be incurred by December 31, 2024, meaning the Navajo Nation must obligate FRF funds by that date, and the period of performance runs until December 31, 2026, with all funded chapter projects to be completed by that date; and
5. All Chapter Projects have major impacts on the Houck Community, for increased demands for electrical/water services, old houses need major house wiring, and bathroom additions, with many families without bathroom facilities, and unable to be in compliance with COVID-19 protocols; and
6. The Houck Chapter seeks all resources to accommodate short and long-term major needs for the community related to infrastructure development and have listed the ARPA Bathroom Addition Chapter Project, in compliance with CJN-29-22, Section 3: Delegate Regional Plan, as a project to construct bathroom additions for families identified through a thorough chapter community assessment, and to be accessible to the disabled by complying with the Americans with Disabilities Act of 1990 (ADA); and
7. Through this Chapter Project, OEH/IHS and NTUA will provide coordination and collaboration to provide domestic water system to the families currently requesting bathroom additions within the Houck Community, and creates a major threat to health and safety and modern hygiene practices; and
8. Houck Chapter affirms that the Chapter will only use the awarded Fiscal Recovery Funds and implement the FRF Expenditure Plan in compliance with the ARPA Regulations, and with all applicable federal and Navajo Nation laws, regulations and policies.

##### **NOW, THEREFORE, BE IT RESOLVED:**

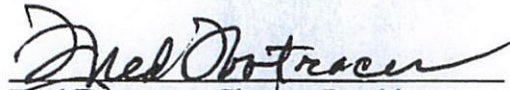
1. The Houck Chapter hereby accepts and approves the ARPA Allocation in the amount of \$705,000.00 for Houck Chapter Bathroom Addition Project, in compliance with the reporting requirements, with monitoring and oversight by the Navajo Nation Fiscal Recovery Fund Office.

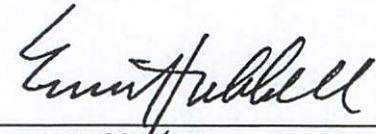


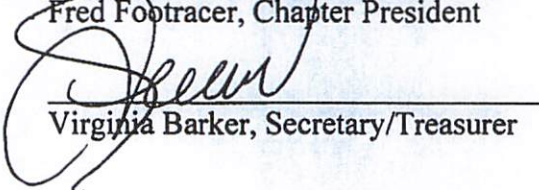
2. The Houck Chapter will only use the awarded Fiscal Recovery Funds in compliance with the ARPA Regulations, and with all applicable federal and Navajo Nation laws, regulations and policies.

### CERTIFICATION

We hereby certify that the foregoing resolution was considered at a duly called chapter meeting at Houck (Arizona), Navajo Nation, where a quorum was present, and was motioned by Miss O'Keefe and seconded by Jimmy Lake, that same was passed by a vote of 13 in favor, 5 opposed, and 3 abstained this 16<sup>th</sup> day of March 2023.

  
Fred Footracer, Chapter President

  
Ernest Hubbell, Vice President

  
Virginia Barker, Secretary/Treasurer

**HCR-031623-05: ACCEPTING AND APPROVING THE ARPA ALLOCATION IN THE AMOUNT OF \$705,000.00 FOR HOUCK CHAPTER BATHROOM ADDITION PROJECT, AND IMPLEMENTING THE EXPENDITURE PLANS AND REPORTING REQUIREMENTS, WITH MONITORING AND OVERSIGHT BY THE NAVAJO NATION FISCAL RECOVERY FUND OFFICE**





## HOUCK CHAPTER GOVERNANCE

P O Box 127 Houck, AZ 86506 PH# (928) 688-2734 Fax # (928) 688-3068  
Fred Footracer Chapter President Celicia Yazzie-Denny Grazing Official  
Ernest Hubbell Vice President Lomardo Aseret, Council Delegate  
Virginia Barker Chapter Secretary/Treasurer Laura Lee Yazzie Chapter Manager

HCR-031623-03

### RESOLUTION OF THE HOUCK CHAPTER

#### ACCEPTING AND APPROVING THE ARPA ALLOCATION IN THE AMOUNT OF \$1,760,467.90 FOR HOUCK CHAPTER PROJECTS, AND IMPLEMENTING THE EXPENDITURE PLANS AND REPORTING REQUIREMENTS, WITH MONITORING AND OVERSIGHT BY THE NAVAJO NATION FISCAL RECOVERY FUND OFFICE

#### WHEREAS:

1. The Houck Chapter was established pursuant to 26 N.N.C., Chapter 1, Sub-Chapter 1, Section 3(a) by the Navajo Nation Council CAP-34-98; and
2. The Houck Chapter complies with the Local Governance Act (LGA) and certified pursuant to 26 N.N.C., Section 102(B), which permits the Chapter to exercise authorities contained with 26 N.N.C., Section 103, including land administration authority; and
3. The Houck Chapter has the authority to provide for, promote, preserve and protect the health, safety and welfare of its community members; and
4. The FRF funds must be incurred by December 31, 2024, meaning the Navajo Nation must obligate FRF funds by that date, and the period of performance runs until December 31, 2026, with all funded chapter projects must be completed by that date; and
5. All Chapter Projects have major impacts on the Houck Community, for increased demands for electrical/water services, old houses need major house wiring, and bathroom additions, with many families without bathroom facilities, and unable to be in compliance with COVID-19 protocols; and
6. The Houck Chapter seeks all resources to accommodate short and long-term major needs for the community related to infrastructure development and have listed the ARPA Chapter Projects, in compliance with CJN-29-22, Section 3: Delegate Regional Plan:
  1. *Housing Assistance Project - \$560,000.00*
  2. *Bathroom Addition Project - \$705,000.00*
  3. *House Wiring Project - \$350,000.00*
  4. *Rural Addressing Project - \$150,000.00*
7. Houck Chapter affirms that the Chapter will only use the awarded Fiscal Recovery Funds and implement the FRF Expenditure Plan in compliance with the ARPA Regulations, and with all applicable federal and Navajo Nation laws, regulations and policies.

#### NOW, THEREFORE, BE IT RESOLVED:

1. The Houck Chapter hereby accepts and approves the ARPA Allocation in the amount of \$1,760,467.90 for Houck Chapter Projects, and the Chapter's Expenditure Plans and Budgets, listed with CJN-29-22, Section 3: Delegate Regional Plan, in compliance with the reporting requirements, with monitoring and oversight by the Navajo Nation Fiscal Recovery Fund Office.
2. The Houck Chapter will only use the awarded Fiscal Recovery Funds in compliance with the ARPA Regulations, and with all applicable federal and Navajo Nation laws, regulations and policies.



## CERTIFICATION

We hereby certify that the foregoing resolution was considered at a duly called chapter meeting at Houck (Arizona), Navajo Nation, where a quorum was present, and was motioned by Lisa O'Keefe and seconded by Lisa O'Keefe, that same was passed by a vote of 14 in favor, 0 opposed, and 3 abstained this 16<sup>th</sup> day of March 2023.

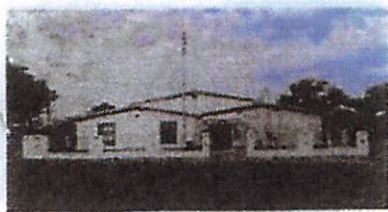
Fred Footracer  
Fred Footracer, Chapter President

Virginia Barker  
Virginia Barker, Secretary/Treasurer

Ernest Hubbell  
Ernest Hubbell, Vice President

**HCR-021623-03: ACCEPTING AND APPROVING THE ARPA ALLOCATION IN THE AMOUNT OF \$1,760,467.90 FOR HOUCK CHAPTER PROJECTS, AND IMPLEMENTING THE EXPENDITURE PLANS AND REPORTING REQUIREMENTS, WITH MONITORING AND OVERSIGHT BY THE NAVAJO NATION FISCAL RECOVERY FUND OFFICE**





## HOUCK CHAPTER GOVERNANCE

P.O. Box 127 Houch, AZ 85506 Phone: (928) 888-2734 Fax: (928) 888-3068

Chief Executive Officer: President

Board member: Vice President

Board member: Chapter Secretary

Board member: Finance Director

Board member: Chapter Manager

Board member: Chapter Manager

### Activities and Timeline for the Bathroom Addition Project

Activity	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Performance Indicators
Prepare technical plan for completion of project Phase I & Phase II	X	X											Design selected & approved
Prepare and release call for bids		X	X										Bid approved and meets all NN & RBDO program requirements
Receive and review bids for site preparation and construction			X	X									At least three competitive bids received
Select Contractor(s)				X									Contract signed with qualified builder
Installation of line extensions and septic systems and compliance with all inspections and regulatory requirements.					X	X	X	X	X	X			System completed and passes all program and regulatory inspections
Begin water service to homes.											X	X	Water provided and individual site problems resolved.
Maintain fiscal accountability for the project including compiling and submitting required reports	X	X	X	X	X	X	X	X	X	X	X	X	Financial records maintained and all contracts met as agreed.
Program accountability will include record maintenance and submission of financial reports as required	X	X	X	X	X	X	X	X	X	X	X	X	In compliance with NN & RBDO requirements.



SCHOOL OF NATURAL  
RESOURCES AND THE  
ENVIRONMENT

Enr2 Building  
1064 East Lowell Street  
Tucson, AZ 85721

December 9, 2022

Yá'á't'ééh/Hello:

We are inviting you to take part in a research study being conducted by the University of Arizona titled as: *Wind Erosion Risk on Navajo Nation Lands of the Colorado Plateau*. The University of Arizona, the Navajo Nation Department of Fish & Wildlife, and the U.S. Geological Survey Southwest Biological Science Center would like to understand your perspectives and concerns on wind erosion risk to Navajo natural and cultural resources from dust and sandstorms. Wind erosion is a natural process by which wind moves soil from one location to another, generating dust and sandstorms that can cause damage to humans and the environment. Through this study, we aim to conduct a community survey and wind erosion risk assessment to better understand wind erosion risk to community members and residents on Navajo lands.

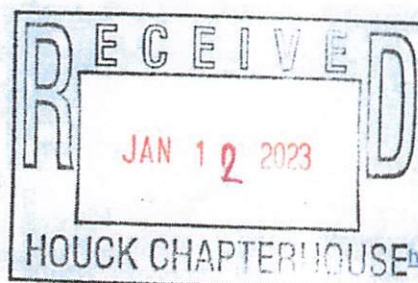
Your participation in this community survey will be greatly appreciated and you will be able to enter a raffle for a chance to win a package of native seeds and Navajo traditional foods. This survey will take no more than 15 minutes to complete. The results from this survey will be reported as anonymous summaries and your personal information will not be shared. To be eligible to participate in this survey, you must be: 1) 18 years or older and 2) a current resident and/or community member on the Navajo Nation for at least the past 2 years.

Thank you for your time and interest in our survey. This survey will be available from January 2023 to April 2023. To access this survey, you can visit online via the link and/or scan the QR Code (below). If you would like an electronic or paper copy version of this survey to fill out, please contact the PI (see below). Paper copy surveys will be postmarked and mailed to research participants upon request. If you know of others who might want to take it, please forward them this letter and flyer (attached), or our contact information to them or let us know who we should contact. Should you have any questions or need more information regarding this survey please contact Principal Investigator, Marquel Begay at 928-255-9356 or [mabegay@email.arizona.edu](mailto:mabegay@email.arizona.edu).

Sincerely,

*Marquel Begay*

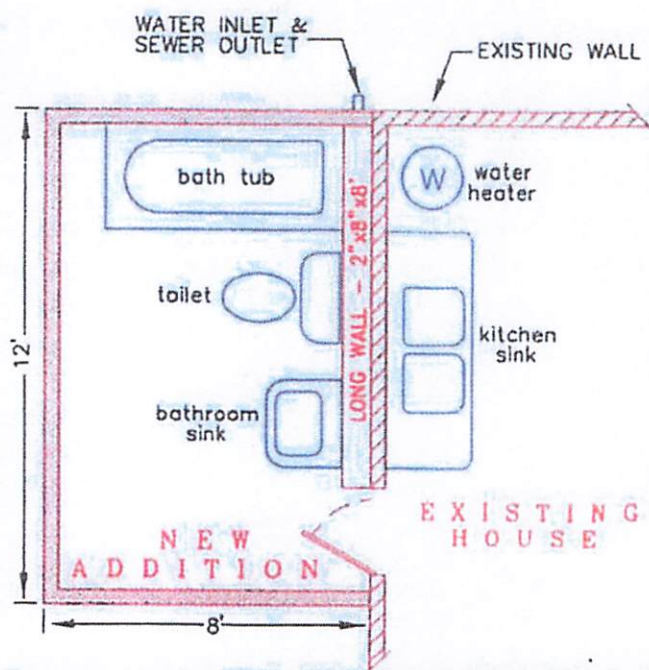
Marquel Begay



[https://u.arizona.co1.qualtrics.com/jfe/form/SV\\_9v2FZdmJfL2dBLE](https://u.arizona.co1.qualtrics.com/jfe/form/SV_9v2FZdmJfL2dBLE)

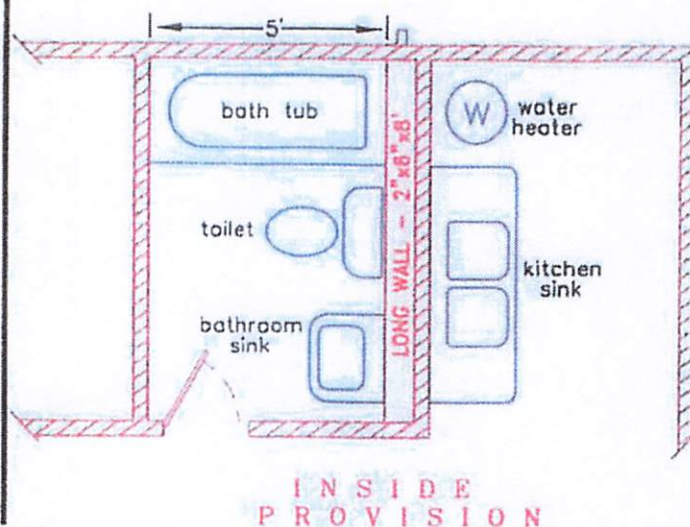


## HOME w/ LONG WALL PLUMBING

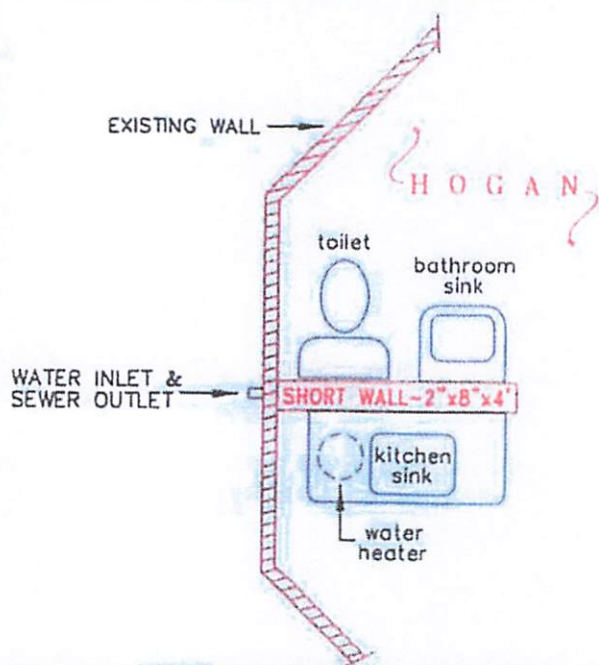


### NOTE:

A longwall bathroom is install in a new addition or inside an existing home. It consists of a plumbing long-wall, bathtub, toilet, lavatory, kitchen sink, & a choice of LPG or electric water heater.

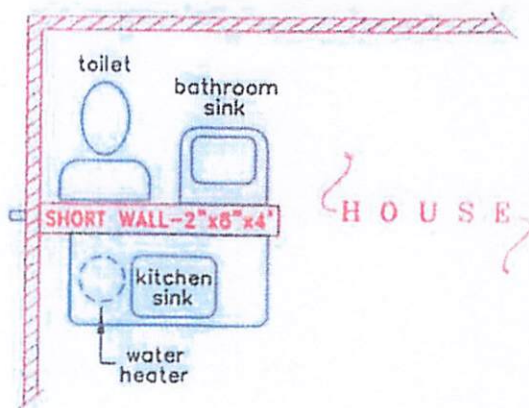


## HOME w/ SHORT WALL PLUMBING



### NOTE:

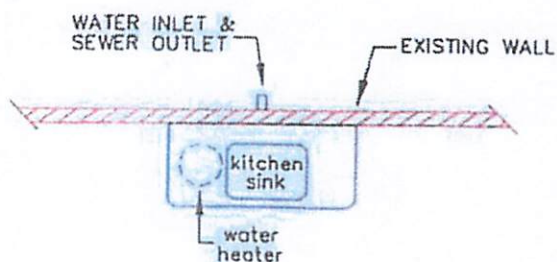
A shortwall bathroom is install inside the home & consists of a plumbing short-wall, toilet, lavatory, kitchen sink, & a 6-gallon electric water heater. The homeowner is required to complete the partition walls & door to the bathroom at their own expense.



## KITCHEN SINK & WATER HEATER ONLY

### NOTE:

Kitchen sink and a 6-gallon electric water heater ONLY. The sink is set against an existing wall. No plumbing wall is required.





## Wind Erosion Risk on Navajo Nation Lands of the Colorado Plateau **COMMUNITY SURVEY**



**Purpose:** Wind erosion is a natural process by which wind moves soil from one location to another, generating dust and sandstorms. The purpose of this study is to understand and evaluate wind erosion, dust, and sandstorm impacts on Navajo Nation residents. Through this study, the University of Arizona, the Navajo Nation Department of Fish and Wildlife, and the U.S. Geological Survey Southwest Biological Science Center, aim to conduct a survey and Wind Erosion Risk Assessment to better understand wind erosion risk to community members.

**PLEASE TAKE OUR SURVEY! Your input & participation is greatly appreciated! Thank you!**

### **To be eligible to participate you must:**

- Be 18 years or older
- A current resident and/or community member living on the Navajo Nation for at least the past 2 years



### **Participation includes:**

Completion of a survey ~15 mins or less  
(Online, email, mail, in-person)

Scan QR Code (left) or click link (below):

[https://uarizona.co1.qualtrics.com/jfe/form/SV\\_9v2FZdmJfL2dBLE](https://uarizona.co1.qualtrics.com/jfe/form/SV_9v2FZdmJfL2dBLE)

**Participants who complete survey will have chance to win native seeds & Navajo traditional foods!**

### **To find out more about this study or if interested in participating, please contact:**

#### **Principal Investigator:**

Marquel Begay | mabegay@email.arizona.edu | 928-255-9356

#### **Mailing Address**

P.O. BOX 2012  
Kayenta, AZ 86033

An Institutional Review Board responsible for human subjects research at The University of Arizona reviewed this research project and found it to be acceptable, according to applicable state and federal regulations and University policies designed to protect the rights and welfare of participants in research.

