

US EPA ARCHIVE DOCUMENT



# Navajo Nation Department of Water Resources

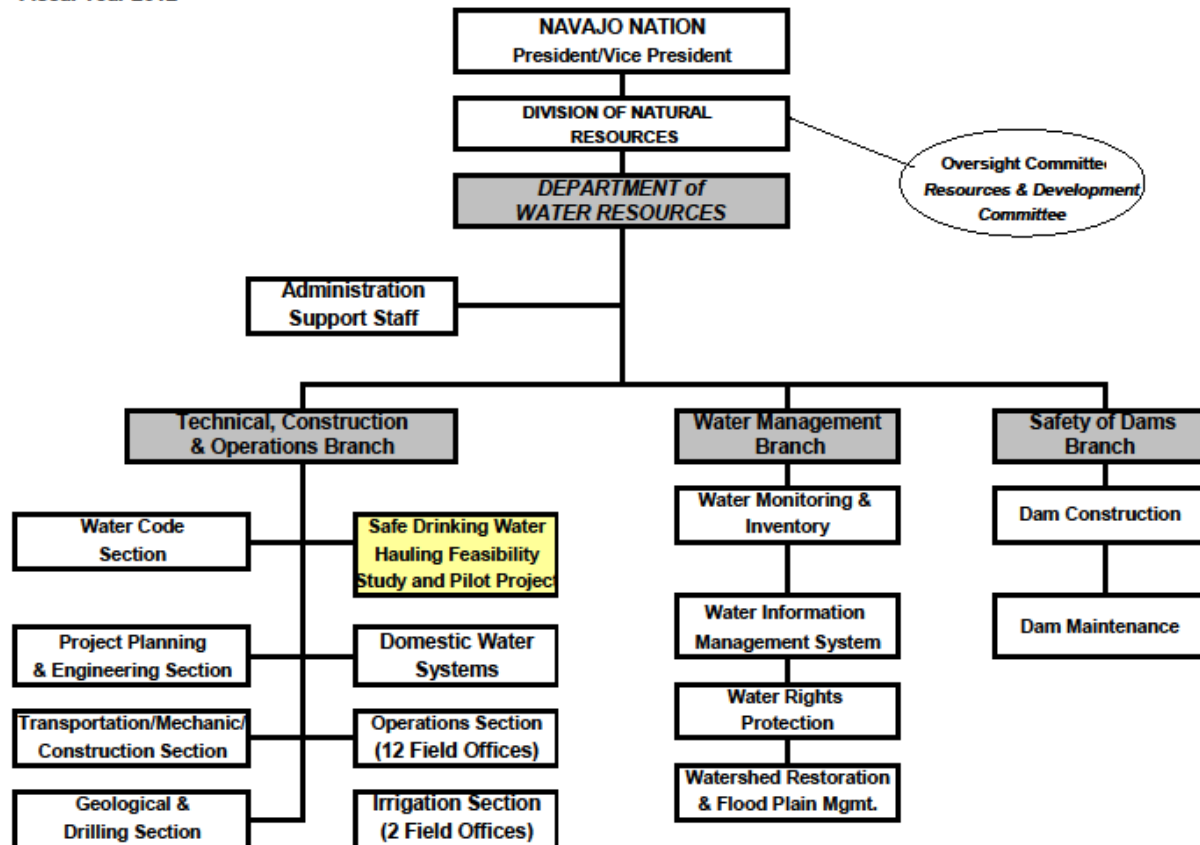
Technical, Construction and  
Operations Branch

**“Safe Drinking Water Hauling  
Feasibility Study and Pilot Project”**

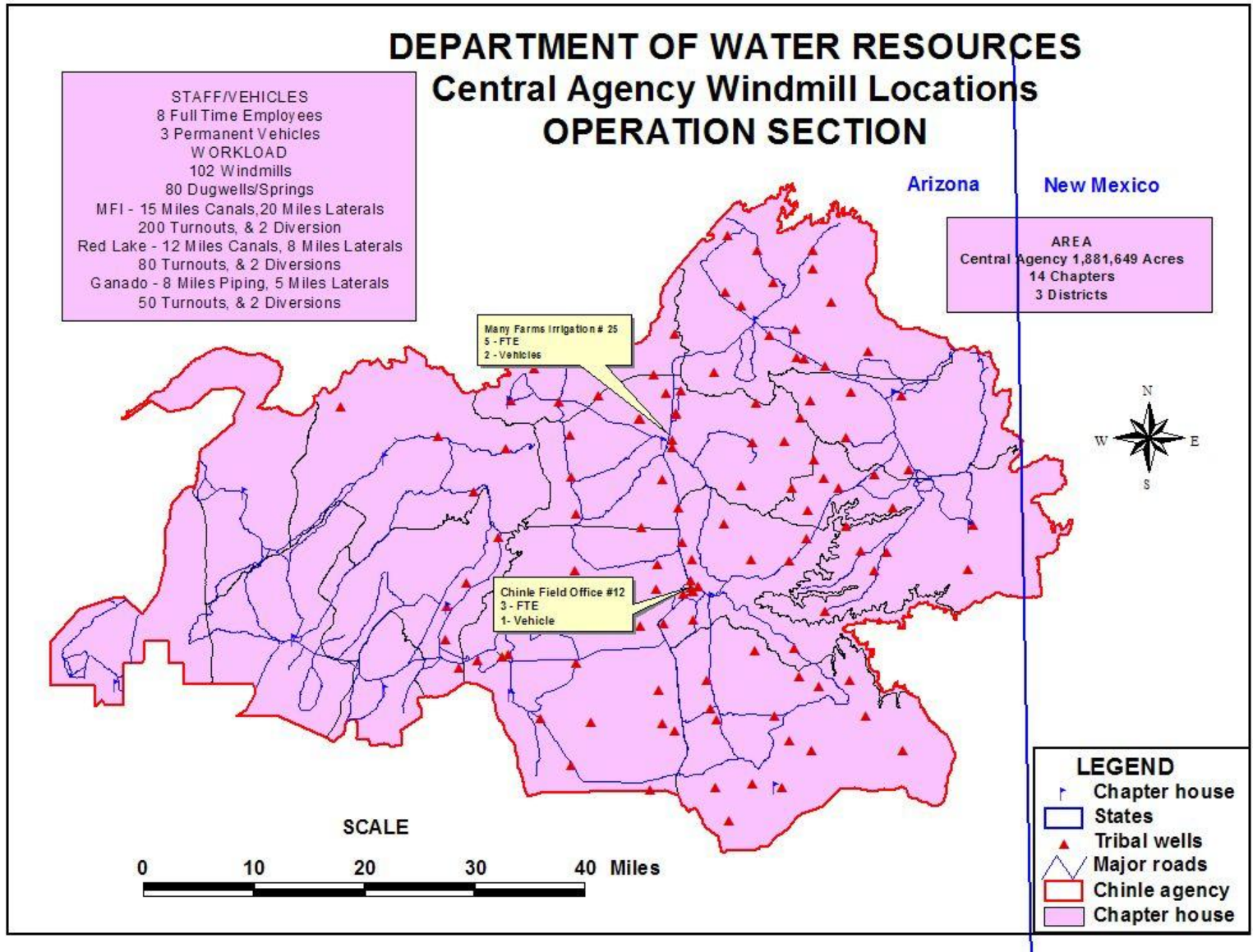


# Organizational Chart

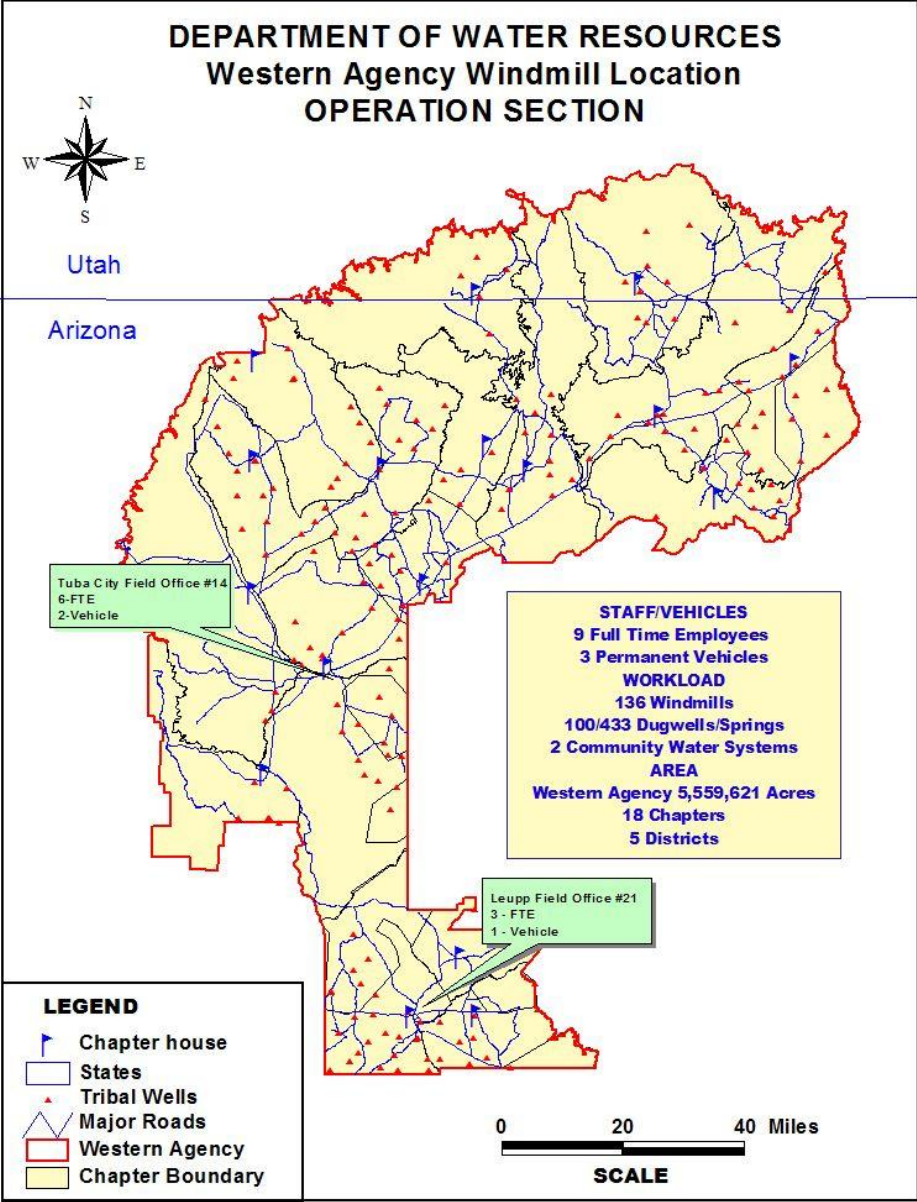
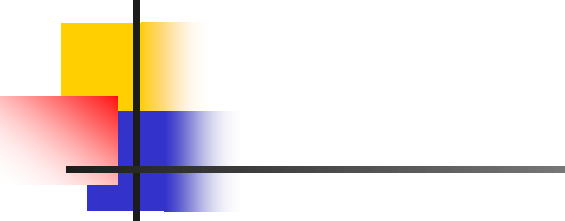
**ORGANIZATIONAL CHART**  
Department of Water Resources  
Fiscal Year 2012



# Central Agency

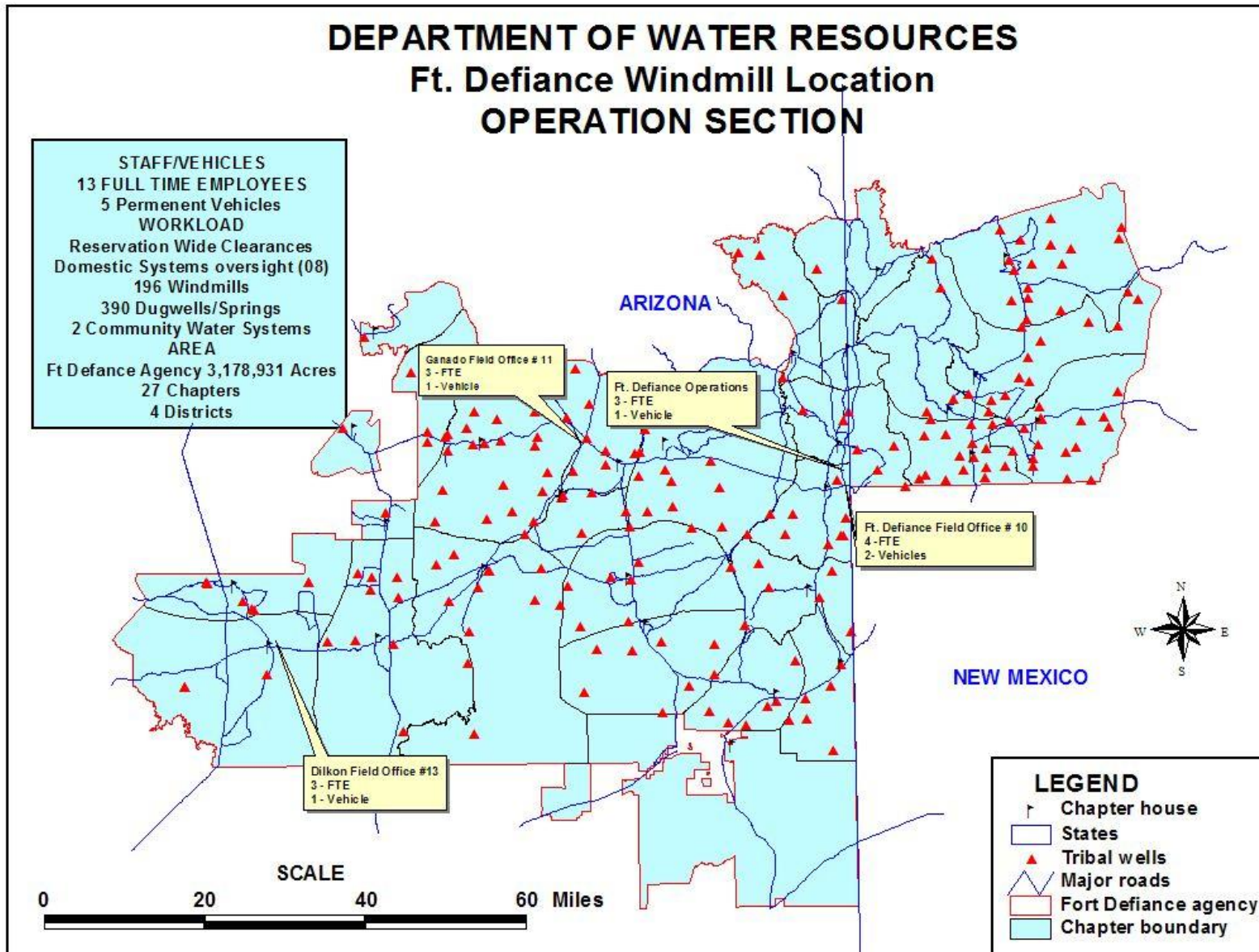


# Western Agency

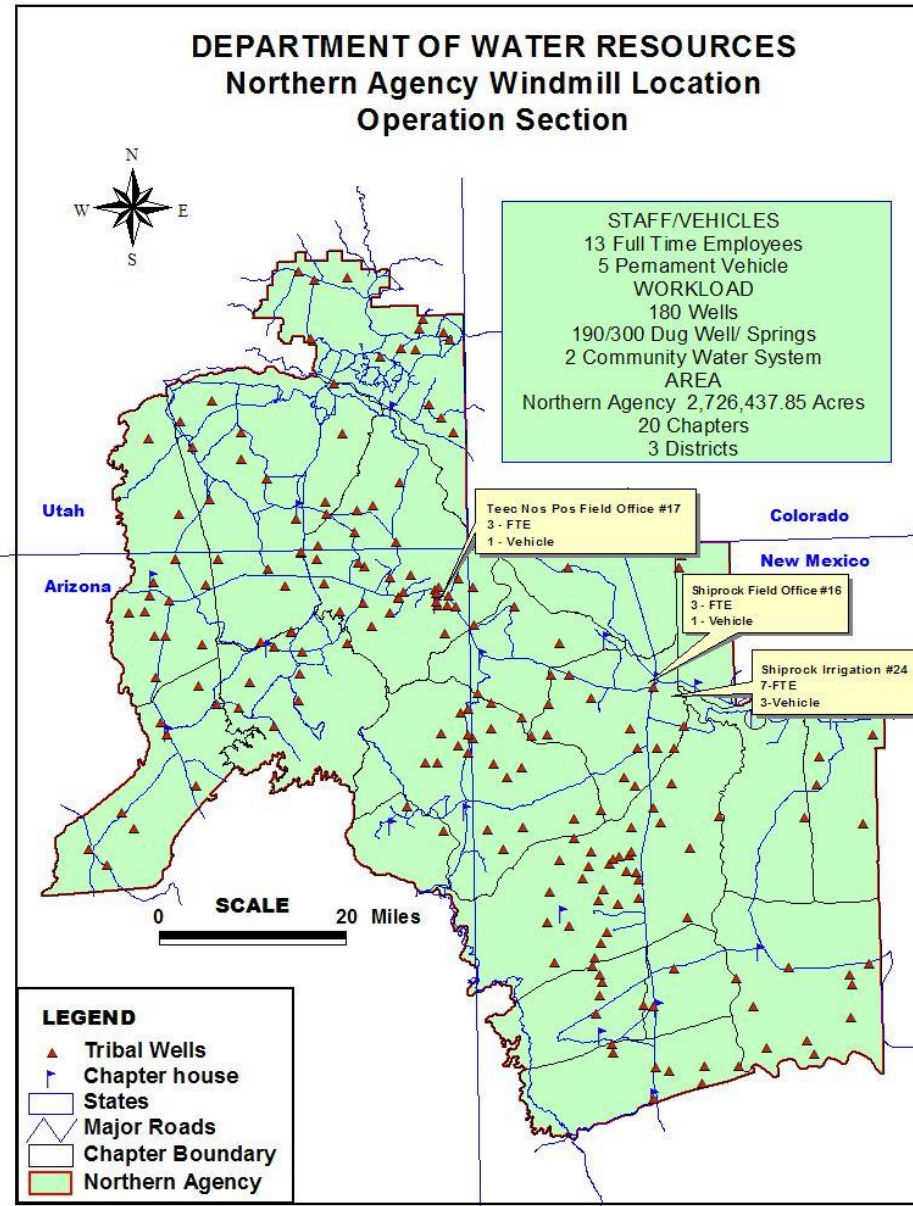
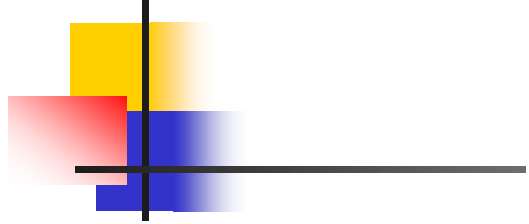




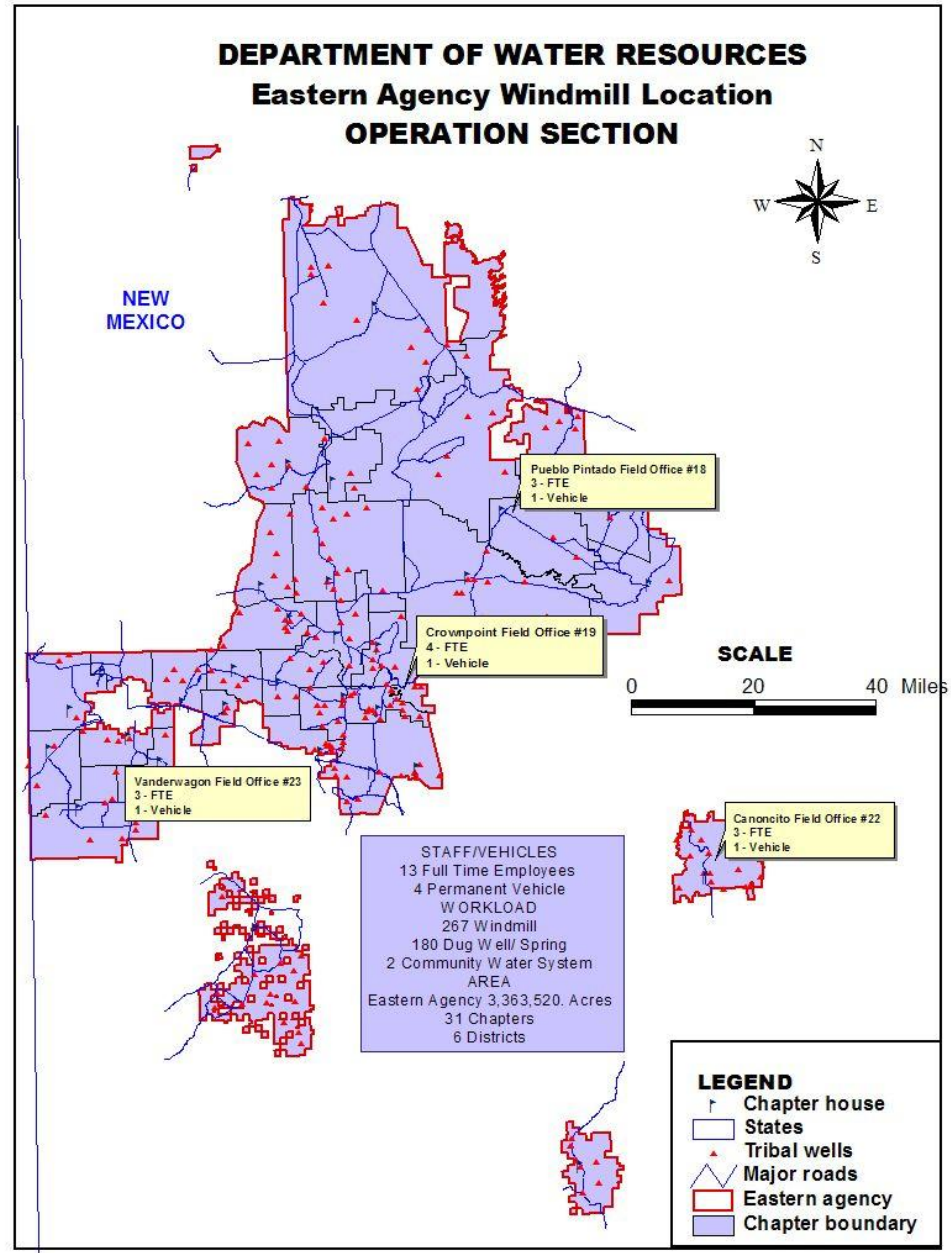
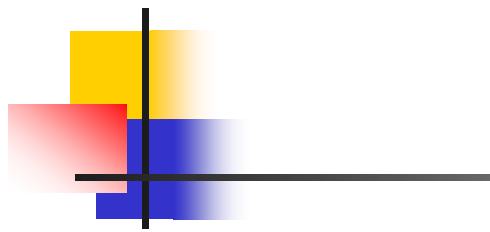
# Ft. Defiance Agency



# Northern Agency



# Eastern Agency







# Safe Drinking Water Hauling Feasibility Study and Pilot Project

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- Provide safe drinking water to approximately 4000 Navajo Residents who currently are not served by regulated water source.
  - 4,000 gallon water hauling trucks
  - Provide water containers
- Educate consumers of drinking water from unregulated water sources.
- Collect data of residents/consumers not served by regulated water system.
- Three year pilot project
- At the end of the project
  - Data for stakeholders on Residents not served.
  - Educate users on the difference of regulated and non-regulated waters.
  - Model for continuance of program, contracting, local efforts, etc.



# Timeline

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- Submittal of Grant Application to U.S.E.P.A. Region IX
  - Drinking Water Infrastructure Tribal Set-Aside
- Award of Grant for \$1,640,000 first year and \$1,000,000 second year
- U.S.E.P.A and Navajo Nation sign Grant Agreement
- Funding transfers of remaining \$1,000,000 from the USEPA to Navajo Nation
- Accounts Established
- Equipment specification for five 4,000 gallon water hauling trucks and one service truck.
- Personnel Classification Questionnaire submittal and advertisement
  - Equipment Operators – Five Positions
  - Senior Equipment Mechanic

# Timeline Continue

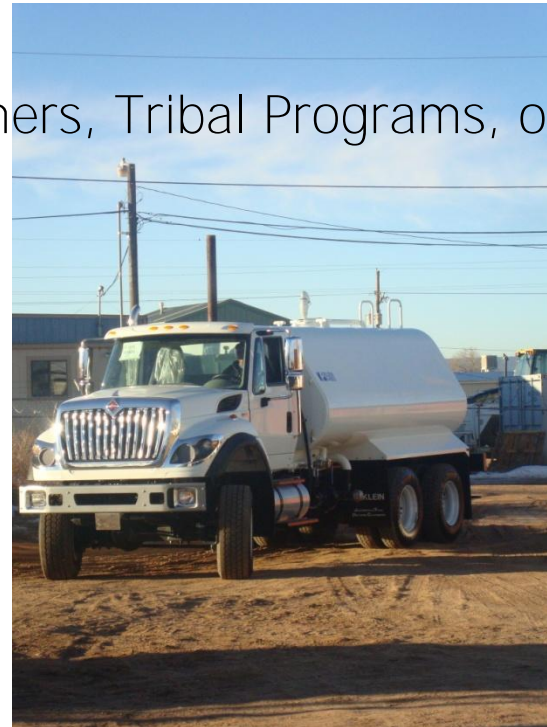
- Orientation of new employees
- Establishment of Water Hauling Points – Currently being reviewed with data provided by USEPA and Public Hearings.
- Selection of Watering Points sites and Selection of Water Delivery sites
- Public Education
- Feasibility – Collection of Data
- Implementation of Services
  - Spring 2011



# Key Stakeholders

- United States Environmental Protection Agency Region IX
- Navajo Nation Department of Water Resources
- Navajo Environmental Protection Agency
- Others

Chapters, Local Utilities, Consumers, Tribal Programs, others.





# First Water Delivery in Box Springs, Arizona (April 2011)



# Water Delivery in Box Springs, Arizona





# Box Spring Water Delivery & Service Truck

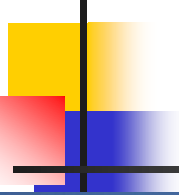


# Water Delivery at Grand Falls, Arizona (May 2011)





# Water Delivery at Grand Falls, Arizona (May 2011)



**MONTHLY EXPENDITURE**

**K101113**

**EPA-Drinking Water Hauling Feasibility Study**

**September 2011**

LOD	DESCRIPTION	BUDGET APPROP.	BUDGET APPROP.	BUDGET (+)	TRANSFERS (-)	REVISED BUDGET	MONTHLY EXPEN/ENC	YTD	BALANCE
	<b>PERSONNEL</b>						<i>09/23/11</i>		
2000	Personnel	228,071.00	228,071.00	-	4,014.40	456,142.00	4,125.60	33,226.28	422,915.72
2310	Temporary	-	-	-	-	-	-	-	-
2220	Salary Adjustment	-	-	-	-	-	-	-	-
2900	Fringe Benefit	84,409.00	96,885.00	-	1,705.32	181,294.00	1,752.55	14,114.52	167,179.48
		312,480.00	324,956.00	-	5,719.72	643,155.72	5,878.15	47,340.80	595,814.92
	<b>TRAVEL EXPENSE</b>								
3111	Vehicle (Monthly Rental)	4,992.00	5,448.00	-	-	10,440.00	870.00	5,220.00	5,220.00
3112	Vehicle (Daily/Temp)	5,616.00	5,928.00	-	-	11,544.00	-	581.00	10,963.00
3113	Vehicle Mileage	18,000.00	23,560.00	-	-	41,560.00	1,046.12	3,548.78	38,011.22
3240	Per Diem Meals	4,000.00	5,000.00	-	-	9,000.00	-	3,155.38	5,844.62
3250	Lodging	4,000.00	10,000.00	-	-	14,000.00	-	1,199.23	12,800.77
3260	POV Mileage	7,000.00	5,000.00	-	-	12,000.00	-	780.81	11,219.19
3290	Other Travel Expenses	-	5,000.00	-	-	5,000.00	-	-	5,000.00
		43,608.00	59,936.00	-	-	103,544.00	1,916.12	14,485.20	89,058.80
	<b>OPERATING SUPPLIES</b>								
4120	General Office Supplies	2,500.00	41,000.00	-	-	43,500.00	-	-	43,500.00
4200	Non-Capital Assets	116,081.00	100,000.00	-	-	216,081.00	-	10,995.58	205,085.42
4420	Operating Supplies	27,500.00	271,245.00	-	(6,019.72)	292,725.28	375.12	53,571.09	239,154.19
4460	Food Supplies	-	-	-	-	-	27.50	64.58	(64.58)
4530	Printing/Binding/Photocopy	-	-	-	-	-	-	-	-
4610	Transportation Supplies	100,000.00	30,000.00	-	-	130,000.00	576.22	15,622.42	114,377.58
4700	Fuel	118,662.00	50,000.00	-	(73,050.00)	95,612.00	171.14	5,926.86	89,685.14
		364,743.00	492,245.00	-	(79,069.72)	777,918.28	1,149.98	86,180.53	691,737.75
	<b>COMMUNICATIONS AND UTILITIES</b>								
5610	Wireless	3,500.00	4,000.00	-	-	7,500.00	312.56	1,490.96	6,009.04
5750	Services	12,500.00	15,000.00	-	-	27,500.00	-	-	27,500.00
		16,000.00	19,000.00	-	-	35,000.00	312.56	1,490.96	33,509.04
	<b>REPAIRS AND MAINTENANCE</b>								
6030	Building R & M Supplies	-	-	300.00	-	-	-	-	-
6120	Furn & Equip R&M Supplies	-	-	-	-	-	-	-	-
6140	Furn & Equip R&M Services	-	-	-	-	-	-	196.42	-196.42
		-	-	300.00	-	-	-	196.42	-196.42
	<b>CONTRACTUAL SERVICES</b>								
6910	Other Contractual Services	20,000.00	18,000.00	-	-	38,000.00	25.00	35.00	37,965.00
		20,000.00	18,000.00	-	-	38,000.00	25.00	35.00	37,965.00
	<b>SPECIAL TRANSACTION</b>								
7440	Printing Advertising	-	-	300.00	300.00	300.00	-	130.51	169.49
7510	Training/Professional Dues	5,000.00	1,000.00	-	-	6,000.00	-	75.00	5,925.00
7710	Insurance Premiums	4,419.00	16,113.00	-	-	20,532.00	5,591.03	4,457.37	16,074.63
		9,419.00	17,113.00	300.00	300.00	26,832.00	5,591.03	4,662.88	22,169.12
	<b>CAPITAL OUTLAY</b>								
9050	Buildings	68,750.00	68,750.00	-	-	137,500.00	-	-	137,500.00
9164	Specialized Vehicles	805,000.00	-	73,050.00	73,050.00	878,050.00	-	878,049.00	1.00
		873,750.00	68,750.00	73,050.00	73,050.00	1,015,550.00	-	878,049.00	137,501.00
	<b>BUDGET TOTAL:</b>	<b>1,640,000.00</b>	<b>1,000,000.00</b>	<b>73,350.00</b>	<b>-</b>	<b>2,640,000.00</b>	<b>14,872.84</b>	<b>1,032,244.37</b>	<b>1,607,755.63</b>



**THE NAVAJO NATION  
DEPARTMENT OF WATER RESOURCES**

P.O. Box 678, Ft. Defiance, Arizona 86504 • (928)729-4003 • FAX (928)729-4029

# Application

**TECHNICAL, CONSTRUCTION AND OPERATIONS BRANCH  
SAFE DRINKING WATER HAULING FEASIBILITY STUDY PILOT PROJECT  
Safe Drinking Water Hauling Application**

Date: \_\_\_\_\_

Tracking #: \_\_\_\_\_

Chapter: \_\_\_\_\_

Agency: \_\_\_\_\_

\*NOTE: Applicant must NOT have running water in home. A home visit may be conducted before approval of application.

**BACKGROUND INFORMATION:**

Applicant \_\_\_\_\_ DOB \_\_\_\_\_ Census# \_\_\_\_\_

Social Security No. \_\_\_\_\_

Spouse \_\_\_\_\_ DOB \_\_\_\_\_ Census# \_\_\_\_\_

Social Security No. \_\_\_\_\_

Mailing Address \_\_\_\_\_

Physical Address \_\_\_\_\_

Home Phone \_\_\_\_\_ Work Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_

Message Phone \_\_\_\_\_

Number of Children \_\_\_\_\_ Number of Adults \_\_\_\_\_ Total in household \_\_\_\_\_

Ages of Children under 18: \_\_\_\_\_

**REAL PROPERTY:**

Type of home: House ( ) Hogan ( ) Mobile Home ( ) Other \_\_\_\_\_

Size \_\_\_\_\_ Number of rooms \_\_\_\_\_

Does the home have: - Electricity: Yes ( ) No ( )

Present Home: Own ( ) Rental ( ) Rent-to-own ( ) Other \_\_\_\_\_

Land Status: -Home-Site ( ) - Residential ( ) - Allotted ( ) - Grazing Permit ( ) - Other( )

Vehicle: Model/Make \_\_\_\_\_ Yes ( ) No ( )

**PERSONAL INCOME:**

Applicant Employed:

Yes ( ) No ( ) 1.) \_\_\_\_\_ Where \_\_\_\_\_ Income \_\_\_\_\_ (Biweekly/Monthly)

Yes ( ) No ( ) 2.) \_\_\_\_\_ Where \_\_\_\_\_ Income \_\_\_\_\_ (Biweekly/Monthly)

Have you ever applied for running water or electricity? Yes ( ) No ( )

If yes, when? \_\_\_\_\_



# Contact Information

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**Department of Water Resources**

**Mr. Najam H. Tariq, Branch Director**

**Technical, Construction and Operations Branch**

**P.O. Box 678**

**Ft. Defiance, Arizona 86504**

**Ph. (928) 729-4003/4039 Fax. (928) 729-4029**

**Mr. Christopher Mike, Admin. Service Officer**

**Mr. Don Daswood, Program Project Specialist**