

# Navajo Tribal Utility Authority

## 2019 W/WW ENGINEERING DEPARTMENT Water Capital Projects



Note: ▲=Carry-Over from 2018

**PROJECTS: 129 Project**  
**BUDGET: \$35,427,595**

**129 Total Projects:**  
**19 - Complete**  
**60 - In Progress**  
**50 - Pending**

**INITIAL TARGET: 102 Projects**  
**INITIAL BUDGET: \$32,615,537**

### CHINLE

Total: 20, Sub-Total: \$8,971,650

LOCATION	PROJECTS
Chilchinbeto	1
White Mesa booster w/building & elec	
Chinle WTP Ph II	1
Chinle -Garcia BS PRV w/ Vault	1
Chinle Head Start -SLWL 2"	1
Chinle Nursing home SLWL 8"	1
Chinle N27, N7, N105	1
WL Road Crossing PVC Steel Casing	
Cottonwood	1
Booster w/building & elec serv.	
Ganado Re-Chlorination	3
NTU Classroom WL 6", 8"	1
Hard Rock PRV w/Vault	4
Kinlichee replace controls	1
Lower Greasewood WTP	1
Nazlini	1
Booster w/building & elec serv.	
Kinlinchee PRV w/Vault	1
Tselina South Tank PVC	1

### CROWNPOINT

Total: 17, Sub-Total: \$1,212,910

LOCATION	PROJECTS
Crownpoint Wellness Center	1
6" WL Construction	
Crownpoint Watering Point	1
Counselor @Nickle Mesa	2
Replace PVC Line Erosion	
Huerfano, PRV w/vaults	3
Mariano Lake BIAN11 Xing 6"4"2"	1
Nageezi PRVs w/valts 5 ea	5
Pinedale BIA N7054 Xing 6"4"2"	1
South Ojo Encino -PRV w/Vault	1
Thoreau	1
Repl controls wells, booster & tank	
Thoreau JW Camp	1
Booster w/building & elec serv.	

### DILKON

Total: 13, Sub-Total: \$9,790,045

LOCATION	PROJECTS
Bird Springs BIA N71 Xing	1
Little Singer School SLWL 2"	1
Lower Greasewood -Water Point	1
Lower Greasewood -WTP	1
Lupp -PRVs w/valts 5 ea	5
Tolani Lake	1
Booster w/building & elec	
Twin Arrows -Tower 5820	1
White Cone	1
Booster w/building & elec	
Twin Arrows	
Travel Plaza	1

### FORT DEFIANCE

Total: 22, Sub-Total: \$3,369,769

LOCATION	PROJECTS
Crystal NM Rt 9603	1
Fort Defiance	3
-Buell Park Well 1 & 2 upgrade	
-Replace AC with D.I.	
Houck	1
Replace Controls well, booster tanks	
Lupton	1
Replace/install tank controls	
MCRD County Road 55	3
-WL Road Crossing PVC Steel Casing	
-Navajo AZ, BIA Rt. N2007	4
NTUA HQ Building SLWL 8"	1
NTUA Housing, SLWL 2"-1"	3
Sanders	1
-Park Estates Water Systems	
Slick Rock A1	1
-upgrades, controls, SCADA, building and electrical system	
Slick Rock A2	1
-upgrades, controls, SCADA, building and electrical system	
Twin Lakes upgrade	1
Window Rock circle Dr upgrade	1

### KAYENTA

Total: 8, Sub-Total: \$816,340

LOCATION	PROJECTS
Chilchinbeto	1
-Yellowhair booster w/building & elec.	

Dennehotso	1
Well Upgrade existing control system	
Dessert Meadows, SLWL 8"	1
Halchita	1
upgrade water treatment plant	
Halchita	1
Water Line Tie-in Bore Well	
Kayenta Well#3	1
-Replace well control	
Kaibeto N6331/N21-3A	1
-WL Road Crossing	
Shonto Well	1
-Replace well control	

### RED MESA

Total: 10, Sub-Total: \$2,542,021

LOCATION	PROJECTS
Aneth	4
-Water Treatment Plant	
-Upgrade PRV w/vault	
-Upgrade PRV & AV w/plumbing	
-NHA Tie in	
Beclabito Booster #3	1
Remove existing underground booster pump w/nuematic tank and install new pump	
East of Sweetwater WL bore	1
Montezuma Creek	2
Treatment Plant for Well 1, 2 & 3	
TecNospos AZ PVRs w/vaults	2

### SHIPROCK

Total: 21, Sub-Total: \$3,082,800

LOCATION	PROJECTS
Cove	2
-N. Pump house PRV w/Valt	
-PRV w/Vault Dorothy Joe	
Beclabito PRVs w/valts 3ea	3
Burnham HWY 371	1
Chlorine inj building with elec serv	
DZ (8 mi of tank site)	1
Chlorine inj building with elec serv	

Oaksprings, RT63	1
PRV w/Vault	
Rattlesnake	2
-Booster w/building & elec serv.	
-Chlorine inj building with elec serv	
NAPI Bore 300' HDPE	1
Shiprock	7/1
-Farm A-Lillie Joe -PVC pipe, gate valve	
-Farm B-Silas Camp - PVC and PE	
-Farm B -S. Lawrence Garnenez	
-PE pipe, curb stop	
-Frankin Village -PE w/meter can	
-East Gallup PVC pipe, gate valve casing	
-Express Store-PE Pipe, Curb stop	
-Cortez Tank	
Toadleana PRV's w/vault	1
Upper Fruitland	1
ARV's w/vault & tap	

### TUBA CITY

Total: 7, Sub-Total: \$62,192

LOCATION	PROJECTS
Hard Rock PRV w/Vaults	4
Tuba City Health Care, SLWL 2"	2
Tuba City WWTP	1

### NAVAJO NATION

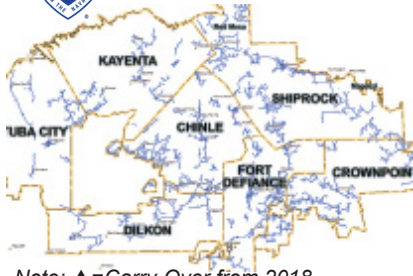
Total: 11, Sub-Total: \$2,397,000

LOCATION	PROJECTS
-Valve replacements	
-New/existing res. Water meter	
-10 master meter w/vaults	
-Replace 50 existing well meters with new SCADA/AMI meters	
-Major replacements of water system components	
-Replace/Repair RTU at var locations	
-Storm damage replacement of Water system components	
-Storm damage replacement of Water control system components	
-Replacement various types of pump/ motors w/in water system	
-Storage Tank Renovations	
-Well renovations	

# Navajo Tribal Utility Authority



## 2019 W/WW ENGINEERING DEPARTMENT Wastewater Capital Projects



Note: ▲=Carry-Over from 2018

**PROJECTS:** 53 Project

**BUDGET:** \$17,663,334

**53 Total Projects:**

15 - Complete

24 - In Progress

14 - Pending

**INITIAL TARGET:** 38 Projects

**INITIAL BUDGET:** \$14,388,526

### CHINLE

Total: 13, Sub-Total: \$6,055,000

LOCATION	PROJECTS
Chinle	1 Flow Capacity Expansion
Chinle Head Start, SLWWL 4"	1
Chinle WWTP Lift Station	1
Chinle Lagoon PS&D	1
Chinle Nursing Home SLWWL 8"	1
Chinle WWTP	1 -Inf/Eff flow meter w/pars flume repl
Chinle N27, N7, N105	1 -WWL Road Crossing PVC Steel Casing
Ganado Total Retention	1
Ganado WWTP	1 -Inf/Eff flow meter w/pars flume repl
Many Farms WWTP Lift Station	1
NTU Classroom SLWWL 4", 8"	1
Pinon	1 -Total Retention Expansion
Pinon WWTP	1 -inf/Eff flow meter w/pars flume rep

### DILKON

Total: 2, Sub-Total: \$260,000

LOCATION	PROJECTS
Navajo AZ	1 WWTP Lift Station
Twin Arrows Travel Plaza	1 -SL 6", 8"

### KAYENTA

Total: 5, Sub-Total: \$1,500,000

LOCATION	PROJECTS
Kayenta WWTP	1 - Inf/ Eff flow meters with parshall-flume replacement- NPDES permit Req.
HWY 163 ADOT	1 10" SL Steel Casing Lowering
Desert Meadows, SLWWL 8"	1
Shonto, WWTP Lift Station	1
Kayenta Headworks	1

### TUBA CITY

Total: 7, Sub-Total: \$2,050,000

LOCATION	PROJECTS
Coalmine	1 -WWTP Liftstation Wet Well, Pumps, Controls SCADA & Gen
Lechee	1 -WWTP Liftstation Wet Well, Pumps, Controls SCADA & Gen
Tuba City	3 -WWTP -WWTP Inf/ Effflow meters with parshall flume replacement- NPDES permit Req. -400' of 18" steel Bridge wash crossing, LEAKING.
TC Health Care	2 -SLWWL4

### CROWNPOINT

Total: 4, Sub-Total: \$260,600

LOCATION	PROJECTS
Iyanbito	1 -WWTP liftstation wet well, controls -SCADA & Gen.
Jones Ranch Lagoon	1 -Replacing 360' of Perimeter Fence
Pindale Lagoon	1 -Install Perimeter Fence
Crownpoint Wellness Center	1 -8" Sewer Line

### FORT DEFIANCE

Total: 9, Sub-Total: \$363,280

LOCATION	PROJECTS
Coyote Canyon	1 -WWTP Liftstation Wet Well, Pumps, -Controls SCADA & Gen
Fort Defiance	1 -1800' of 8" DI Bridge wash crossing, 60' of 8' BI Pipe w/ 4 MH (PE&D)
Window Rock	1 -WRWWPT
NTUA HQ Building	1 -SLWWL 8"
NTUA Housing	3 SLWWL 4" - 8"
Red Rock	1 Berms around lagoon
Sawmill	1 -WWTP Liftstation Wet Well, Pumps, Controls SCADA & Gen

### SHIPROCK

Total: 8, Sub-Total: \$5,475,000

LOCATION	PROJECTS
Shiprock	3/8 -WWTP phase 1 -WWTP Repairs -WWTP Inf/ Effflow meters with parshall flume replacement- NPDES permit Req. -WWTP Drying sludge bed valves -WWTP Purchase new valves for the drying beds -Digester Sludge pump -High lift pump influent wetwell pump -VFD for existing river liftstation

### NAVAJO NATION

Total: 5, Sub-Total: \$1,320,000

LOCATION	PROJECTS
Navajo Nation	5 -Sewer Collection Cleaning -Miscellaneous wastewater systems components -Storm Damage replacement of waste-water systems -Replacement of various types of pump/motors -24 ea. Lagoon Fence & Gate replacement. 12,000' and 5 gates