



# ARPA II Report # 7

## Utility Construction Projects Navajo Nation Resolution No. CJN-29-22

This report provides details on the progress of infrastructure projects being built by the Navajo Tribal Utility Authority (NTUA) that were funded by the Navajo Nation (NN) through Resolution No. CJN-29-22. On June 30, 2022, the 24th Navajo Nation Council approved Legislation No. 0086-22 that appropriated \$1,070,298,867 of American Rescue Plan Act (ARPA) funding. The legislation was signed into law on July 15, 2022, becoming Resolution No. CJN-29-22.

Under CJN 29-22 the Navajo Nation allocated, among other projects, ninety-six million four hundred thousand dollars (\$96,400,00) for Connecting Homes to Electricity Projects, and two hundred forty-six million, four hundred fifteen thousand, three hundred thirty-eight dollars (\$246,415,338) for various Water and Wastewater Projects. The allocations are divided into certain Expenditure Categories that are dictated by the United States Department of Treasury. Below are updates on each expenditure category.

### 2.18 CONNECTING HOMES TO ELECTRICITY PROJECTS

The Home Electricity Connection and Electric Capacity Projects will provide power to Navajo homes located on the Navajo Nation by either connecting homesteads the electric grid through NTUA or neighboring utility companies or connecting Navajo homes to an off-grid residential solar system.

The overall proposed budget for these projects is \$96,400,000. NN President Buu Nygren executed a subrecipient agreement on March 31, 2023. NTUA received the first disbursement on May 17, 2023. NTUA has started working on connecting Navajo members' homes to the electric grid. Below is a table of the completed electric connections. At the end of the report is a more specific table that has all the completed projects broken out by Chapter and Legislative Navajo Nation Council Delegate Region.

|  | ARPA<br>NTUA Community<br>Projects | ARPA<br>Division of<br>Community<br>Development<br>Portal (NTUA<br>Service Area) | ARPA<br>Service Line<br>Applications<br>(less than 1<br>mile) | ARPA Projects<br>Total |
|--|------------------------------------|--|---|------------------------|
| 1 Preliminary                          | 37                                 | 485  | 69  | 591                    |
| 2 Engineering                          | 6                                  | 1  | 0   | 7                      |
| 3 In ROW                               | 234                                | 88   | 112   | 434                    |
| 4 ROWS Approved                        | 54                                 | 19   | 134   | 207                    |
| 5 Release for Construction             | 15                                 | 0  | 2   | 17                     |
| 6 Construction<br>Complete& In Service | 78                                 | 35   | 384   | 497                    |
| Total                                  | 424                                | 628  | 701   | 1,753                  |

This table – as of 5.24.24

## 2.18 CONNECTING HOMES TO ELECTRICITY PROJECT (Completed Projects)

| Navajo Nation Council Delegate                               | Chapter                    | Count of No. of Families |
|--|----------------------------|--------------------------|
| <b>Honorable Delegate Amber Kanazbah-Crotty</b>              | Beclabito                  | 3                        |
|  | Cove                       | 2                        |
|  | Cudeii (Gadii ahi/To' Koi) | 4                        |
|  | Red Valley                 | 1                        |
|  | Sanostee (Tse Alnaozt'ii)  | 4                        |
|  | Sheepsprings (Toohaltsooi) | 1                        |
| <b>Total Delegate Kanazbah-Crotty</b>                        |                            | <b>15</b>                |
| <b>Honorable Delegate Dr. Andy Nez</b>                       | Fort Defiance              | 14                       |
|  | Sawmill                    | 5                        |
| <b>Total Delegate Nez</b>                                    |                            | <b>19</b>                |
| <b>Honorable Delegate Brenda Jesus</b>                       | Oak Springs                | 5                        |
|  | St. Michaels               | 8                        |
| <b>Total Chairperson Jesus</b>                               |                            | <b>13</b>                |
| <b>Honorable Delegate Carl Roessel Slater</b>                | Lukachukai                 | 9                        |
|  | Rock Point                 | 9                        |
|  | Rough Rock (Tse Ch' Izhi)  | 3                        |
|  | Round Rock                 | 7                        |
|  | Tsaile-Wheatfields         | 9                        |
| <b>Total Vice-Chairman Slater</b>                            |                            | <b>37</b>                |
| <b>Honorable Delegate Casey Allen Johnson</b>                | Birdsprings (Tsidii To'ii) | 3                        |
|  | Cameron                    | 3                        |
|  | Coalmine Canyon            | 6                        |
|  | Leupp                      | 8                        |
|  | Tolani Lake                | 9                        |
| <b>Total Vice-Chairman Johnson</b>                           |                            | <b>29</b>                |
| <b>Honorable Delegate Cherilyn Yazzie</b>                    | Dilkon                     | 10                       |
|  | Greasewood Springs         | 6                        |
|  | Indian Wells               | 3                        |
|  | Teesto                     | 2                        |
|  | Whitecone                  | 5                        |
| <b>Total Vice-Chairperson Yazzie</b>                         |                            | <b>26</b>                |
| <b>Honorable Delegate Madam Speaker<br/>Crystalyn Curley</b> | Low Mountain               | 11                       |
|  | Blue Gap-Tachee            | 2                        |
|  | Many Farms                 | 4                        |
|  | Nazlini                    | 10                       |
|  | Tselani-Cottonwood         | 12                       |
| <b>Total Speaker Curley</b>                                  |                            | <b>39</b>                |

|  |                               |           |
|--|-------------------------------|-----------|
| <b>Honorable Delegate Curtis Yanito</b>          | Aneth                         | 4         |
|  | Mexican water                 | 3         |
|  | Red Mesa                      | 7         |
|  | Teechnospos                   | 6         |
| <b>Total Delegate Yanito</b>                     |                               | <b>20</b> |
| <b>Honorable Delegate Simpson</b>                | Nahodishgish                  | 3         |
|  | Standing Rock                 | 1         |
| <b>Total Delegate Simpson</b>                    |                               | <b>4</b>  |
| <b>Honorable Delegate Eugenia Charles-Newton</b> | Shiprock                      | 5         |
| <b>Total Chairwoman Charles-Newton</b>           |                               | <b>5</b>  |
| <b>Honorable Delegate Germaine Simonson</b>      | Black Mesa                    | 2         |
|  | Hardrock                      | 3         |
|  | Pinon                         | 8         |
|  | Whippoorwill                  | 6         |
| <b>Total Delegate Simonson</b>                   |                               | <b>19</b> |
| <b>Honorable Delegate Helena Nez Begay</b>       | Bodaway-Gap                   | 2         |
|  | Coppermine                    | 12        |
|  | Kaibeto (Kai' Bii To)         | 11        |
|  | LeChee                        | 4         |
|  | Tonalea/Red Lake              | 18        |
| <b>Total Delegate Nez Begay</b>                  |                               | <b>47</b> |
| <b>Honorable Delegate Herman Daniels Jr.</b>     | Inscription House             | 25        |
|  | Navajo Mountain               | 5         |
|  | Oljato                        | 21        |
|  | Shonto                        | 6         |
| <b>Total Delegate Daniels Jr.</b>                |                               | <b>57</b> |
| <b>Honorable Delegate Lomardo Aseret</b>         | Houck                         | 2         |
|  | Klagetoh                      | 4         |
|  | Lupton (Tse Si Ani)           | 1         |
|  | Nahata Dziil                  | 3         |
|  | Wide Ruins                    | 1         |
| <b>Total Delegate Aseret</b>                     |                               | <b>12</b> |
| <b>Honorable Delegate Nathan Notah</b>           | Coyote Canyon                 | 4         |
|  | Mexican Springs               | 2         |
|  | Naschitti                     | 13        |
|  | Tohatchi                      | 4         |
|  | Twin Lakes (Bahastl' ah')     | 5         |
| <b>Total Delegate Notah</b>                      |                               | <b>28</b> |
| <b>Honorable Delegate Otto Tso</b>               | Tuba City (To' Nanees' Dizi') | 18        |
| <b>Total Delegate Tso</b>                        |                               | <b>18</b> |

|   |                            |            |
|---|----------------------------|------------|
| <b>Honorable Delegate Rickie Nez</b>        | Newcomb                    | 2          |
|   | San Juan                   | 1          |
|   | Upper Fruitland            | 1          |
| <b>Total Delegate Nez</b>                   |                            | <b>4</b>   |
| <b>Honorable Delegate Shaandiin Parrish</b> | Chilchinbeto               | 9          |
|   | Dennehotso                 | 3          |
|   | Kayenta                    | 4          |
| <b>Total Chairperson Parrish</b>            |                            | <b>16</b>  |
| <b>Honorable Delegate Shawna Ann Claw</b>   | Chinle                     | 32         |
| <b>Total Delegate Claw</b>                  |                            | <b>32</b>  |
| <b>Honorable Delegate Vince R. James</b>    | Cornfields                 | 11         |
|   | Ganado                     | 20         |
|   | Jeddito                    | 5          |
|   | Kinlichee (Kin Dah Lichii) | 5          |
|   | Steamboat                  | 16         |
| <b>Total Chairman James</b>                 |                            | <b>57</b>  |
| <b>Grand Total</b>                          |                            | <b>423</b> |

This table reflects data as of 5.24.24

## 5.1 CLEAN WATER: CENTRALIZED WASTEWATER TREATMENT

The proposed development plan is to either construct, improve, or repair wastewater treatment plants on the Navajo Nation. Some facilities that are out of compliance include Ganado, Kayenta, Chinle, and Tuba City. The facility serving Shiprock has reached the end of its useful life.

These projects will improve wastewater treatment plants to address Administrative Orders of Compliance issued by the U.S. EPA ordering the Navajo Nation to bring wastewater treatment plants into compliance. The overall proposed budget for this section is \$33,675,338.

These projects are in a specific chapter however they may serve a broader region. NTUA has had issues with obtaining land for the wastewater treatment plant in Tuba City.

As a result, NTUA has submitted a request to use the funds for other projects to address outstanding AOCs with the U.S. EPA including a high-performance pond at Tuba City.

NTUA is utilizing some of the funds allocated for the Chinle wastewater treatment plant for a wastewater asset management program, Chinle wastewater Biosolids Disposal site and Chinle wastewater CFID treatment plant.

Lastly, NTUA is utilizing some funding from the Kayenta wastewater treatment plant to partially fund a continuous flow intermittent discharge (CFID) wastewater plant at Kayenta to also address an AOC.

| Project Description   | Chapter           | Delegate Region             | Status  |
|---|-------------------|-----------------------------|---|
| Ganado WWTP Present and Future Growth Capacity Project, new cells 1,2 & 3 | Ganado            | Hon. Vince James            | In Right-of-Way   |
| Kayenta Wastewater Treatment Plant Present and Future Growth Capacity     | Kayenta           | Hon. Shaandiin Parrish      | In Procurement. Negotiating Shortfall with NN                 |
| Chinle Wastewater Treatment Plant Present and Future Growth Capacity      | Chinle            | Hon. Shawna Ann Claw        | Construction underway May 2024. Negotiating shortfall with NN |
| Tuba City Wastewater Treatment Plant Present and Future Growth Capacity   | Tuba City         | Hon. Otto Tso               | In Right-of-Way   |
| Shiprock Wastewater Treatment Plant Present and Future Growth Capacity    | Shiprock Regional | Hon. Eugenia Charles-Newton | In Procurement and out for bid                                |

## 5.10 DRINKING WATER: TREATMENT

The drinking water/treatment projects consist of making necessary investments in water infrastructure with a total proposed budget of \$10,030,000. NTUA has been working make improvements to the Halchita Water Treatment Plant's evaporation pond and provide water treatment, to construct a new Arsenic Removal Water Treatment Plant and Intertie (Phase II) at Aneth, and to make contributions to the new Chinle Water Treatment plant.

After investigation of the Halchita Water Treatment Plant it was determined that a treatment plant will be unfeasible due to the amount of H2S in the water.

NTUA has decided to interconnect Oljato and Halchita via water pipeline. NTUA will be requesting a modification to utilize the funds for the water pipeline from Oljato to Halchita.

| Project Description   | Chapter | Delegate Region          | Status   |
|---|---------|--------------------------|--|
| Halchita WTP Evaporation Pond & H2S Treatment                                       | Oljato  | Hon. Herman Daniels, Jr. | Infeasible – Pursuing new waterline extension from Oljato  |
| New Aneth Arsenic Removal Water Treatment Plant and Intertie (Phase II)             | Aneth   | Hon. Curtis Yanito       | In Procurement for Construction, plans submitted to Navajo EPA for permission to construction; compiling bid docs for construction |
| New Chinle Water Treatment Plant, Matching Contribution (Planned Completion 6/2025) | Chinle  | Hon. Shawna Ann Claw     | In Design and Engineering  |

### 5.11 DRINKING WATER: TRANSMISSION AND DISTRIBUTION

The drinking water: transmission and distribution projects consist of the replacement of three water transmission and distribution projects with a budget of \$3,810,000. NTUA will construct new water loading stations on the Cutter Lateral Water System in Huerfano and Nageezi and construct part of the Westwater Community Water Project in the Aneth Chapter. NTUA is in the final stages of securing a water usage fee with the city of Blanding, Utah to serve the Westwater Community.

| Project Description                      | Chapter  | Delegate Region    | Status                    |
|--|----------|--------------------|---------------------------|
| New Cutter Lateral Water Loading Station | Huerfano | Hon. Danny Simpson | In Design and Engineering |
| New Cutter Lateral Water Loading Station | Nageezi  | Hon. Danny Simpson | In Design and Engineering |
| Westwater Community Project              | Aneth    | Hon. Curtis Yanito | In Design and Engineering |

### 5.13 DRINKING WATER: SOURCE

The drinking water: source projects consist of constructing new water wells and/or new pump houses throughout the Navajo Nation with a proposed budget of \$18,500,000. NTUA is planning to construct a new well pumphouse in Houck and additional water wells and pumphouses in Twin Lakes, Chilchinbeto, Tsaile, Forrest Lake, and Kayenta communities.

Although, many projects have been released for construction, NTUA was able to secure only one Well drilling company. So, the projects will be implemented in series.

NTUA is also dealing with supply chain issues across all expenditure categories, which dramatically impacts and delays these projects. The well and pumphouse projects in Twin Lakes, Chilchinbeto, Tsaile, Forest Lake and Kayenta were released for construction however, NTUA has encountered an issue with right-of-away approvals.

| Project Description                 | Chapter      | Delegate Region        | Status            |
|-------------------------------------|--------------|------------------------|-------------------|
| New Well and Pumphouse              | Houck        | Hon. Lomardo Aseret    | Feasibility Study |
| Additional Water Well and Pumphouse | Twin Lakes   | Hon. Nathan Notah      | In Right of Way   |
| Additional Water Well and Pumphouse | Chilchinbeto | Hon. Shaandiin Parrish | In Right of Way   |
| Additional Water Well and Pumphouse | Tsaile       | Hon. Carl R. Slater    | In Right of Way   |
| Additional Water Well and Pumphouse | Forest Lake  | Hon. Germaine Simonson | In Right of Way   |
| Additional Water Well and Pumphouse | Kayenta      | Hon. Shaandiin Parrish | In Right of Way   |

## 5.15 DRINKING WATER: Other Water Infrastructure

The drinking water: other water infrastructure projects consist of connections to a waterline or water cistern system with a total proposed budget of \$84,000,000. A subrecipient agreement was signed on April 26, 2023.

NTUA received the first disbursement of funding. With these funds, NTUA will install an on-site potable water cistern system or connect the home to a waterline.

### 1000 waterline projects were approved with CJN-29-22

| Project Stage |   | Total No. of Projects |
|---------------|---|-----------------------|
| 1             | Projects that are in the Engineering Stage* | 286                   |
| 2             | Projects at the Right of Way Stage          | 24                    |
| 3             | Projects with Approved ROW**                | 12                    |
| 4             | Projects pending a NN EPA Permit            | 12                    |
| 5             | Projects that are in Construction           | 20                    |
| 6             | Construction Complete & In-Service          | 228                   |
| Total         |   | 582                   |

\*\* 303 Applications are unfeasible because there is no approved Homesite Lease

\*\* 294 letters have been sent requesting a Homesite Lease.

## 5.15 DRINKING WATER: SOURCE - Waterline Connections (Completed Projects)

The breakdown below shows the combination of the 228 waterline projects and the 19-bathroom additions that were completed.

| Delegate                                 | Chapter       | Count of No. of Families |
|--|---------------|--------------------------|
| Honorable Delegate Amber Kanazbah-Crotty | Sanostee      | 1                        |
| Total Delegate Crotty Total              |               | 1                        |
| Honorable Delegate Dr. Andy Nez          | Crystal       | 3                        |
|  | Fort Defiance | 9                        |
|  | Red Lake      | 1                        |
|  | Sawmill       | 4                        |
| Total Delegate Nez                       |               | 17                       |

|  |                           |           |
|--|---------------------------|-----------|
| <b>Honorable Delegate Brenda Jesus</b>                   | Oak Springs               | 1         |
|  | St. Michaels              | 9         |
| <b>Total Chairperson Jesus</b>                           |                           | <b>10</b> |
| <b>Honorable Delegate Carl Roessel Slater</b>            | Lukachukai                | 5         |
|  | Rock Point                | 7         |
|  | Rough Rock (Tse Ch' Izhi) | 1         |
|  | Round Rock                | 4         |
|  | Tsaile-Wheatfields        | 3         |
| <b>Total Vice-Chairman Slater</b>                        |                           | <b>20</b> |
| <b>Honorable Delegate Casey Allen Johnson</b>            | Cameron                   | 2         |
|  | Leupp                     | 3         |
| <b>Total Vice-Chairman Johnson</b>                       |                           | <b>5</b>  |
| <b>Honorable Delegate Cherilyn Yazzie</b>                | Dilkon                    | 4         |
|  | Greasewood Springs        | 3         |
|  | Indian Wells              | 2         |
|  | Teetso                    | 4         |
|  | Whitecone                 | 1         |
| <b>Total Vice-Chairwoman Yazzie</b>                      |                           | <b>14</b> |
| <b>Honorable Delegate Madam Speaker Crystalne Curley</b> | Many Farms                | 4         |
|  | Nazlini                   | 3         |
|  | Tachee/Blue Gap           | 7         |
|  | Tselani/Cottonwood        | 2         |
| <b>Total Madam Speaker Curley</b>                        |                           | <b>16</b> |
| <b>Honorable Delegate Curtis Yanito</b>                  | Red Mesa                  | 2         |
|  | Teecnospos                | 1         |
| <b>Total Delegate Yanito</b>                             |                           | <b>3</b>  |
| <b>Honorable Delegate Danny Simpson</b>                  | Crownpoint                | 2         |
|  | Dalton Pass               | 1         |
|  | Standing Rock             | 1         |
| <b>Total Delegate Simpson</b>                            |                           | <b>4</b>  |
| <b>Honorable Delegate Eugenia Charles-Newton</b>         | Shiprock                  | 1         |
| <b>Total Delegate Chairwoman Charles-Newton</b>          |                           | <b>1</b>  |

|   |                                    |           |
|---|------------------------------------|-----------|
| <b>Honorable Delegate George Tolth</b>        | Baca/Prewitt                       | 5         |
|   | Counselor                          | 1         |
|   | Littlewater                        | 1         |
|   | Ojo Encino                         | 1         |
|   | Torreon                            | 2         |
| <b>Total Delegate Tolth</b>                   |                                    | <b>10</b> |
| <b>Honorable Delegate Germaine Simonson</b>   | Pinon                              | 2         |
|   | Whippoorwill                       | 2         |
| <b>Total Delegate Simonson</b>                |                                    | <b>4</b>  |
| <b>Honorable Delegate Helena Nez Begay</b>    | Bodaway-Gap                        | 1         |
|   | Coppermine                         | 1         |
|   | LeChee                             | 3         |
|   | Tonalea                            | 1         |
| <b>Total Delegate Begay</b>                   |                                    | <b>6</b>  |
| <b>Honorable Delegate Herman Daniels, Jr.</b> | Navajo Mountain                    | 1         |
|   | Oljato                             | 1         |
|   | Shonto                             | 1         |
| <b>Total Delegate Daniels Jr.</b>             |                                    | <b>3</b>  |
| <b>Honorable Delegate Lomardo Aseret</b>      | Houck                              | 2         |
|   | Klagetoh                           | 1         |
|   | Lupton                             | 3         |
|   | Nahata Dziil –<br>Sanders/Newlands | 3         |
|   | Wide Ruins                         | 2         |
|   |                                    |           |
| <b>Total Delegate Aseret</b>                  |                                    | <b>11</b> |
| <b>Honorable Delegate Nathan Notah</b>        | Mexican Springs                    | 1         |
|   | Coyote Canyon                      | 5         |
|   | Naschitti                          | 6         |
|   | Tohatchi                           | 3         |
|   | Twin Lakes (Bahastl' ah')          | 4         |
| <b>Total Delegate Notah</b>                   |                                    | <b>19</b> |
| <b>Honorable Delegate Otto Tso</b>            | Tuba City (To' Nanees' Dizi')      | 9         |
| <b>Total Delegate Tso</b>                     |                                    | <b>9</b>  |
| <b>Honorable Delegate Rickie Nez</b>          | Nenahnezad                         | 1         |
|   | Upper Fruitland                    | 1         |
| <b>Total Delegate Nez</b>                     |                                    | <b>2</b>  |

|  |                            |            |
|--|----------------------------|------------|
| <b>Honorable Delegate Shaandiin Parrish</b>      | Chilchinbeto               | 2          |
|  | Dennehotso                 | 2          |
|  | Kayenta                    | 1          |
| <b>Total Chairperson Parrish</b>                 |                            | <b>5</b>   |
| <b>Honorable Delegate Shawna Ann Claw</b>        | Chinle                     | 17         |
| <b>Total Delegate Claw</b>                       |                            | <b>17</b>  |
| <b>Honorable Delegate Steven R. Arviso</b>       | Church Rock                | 8          |
|  | Iyanbito                   | 7          |
|  | Mariano Lake               | 1          |
|  | Pinedale                   | 1          |
|  | Thoreau                    | 1          |
| <b>Total Delegate Arviso</b>                     |                            | <b>18</b>  |
| <b>Honorable Delegate Vince James</b>            | Cornfields                 | 3          |
|  | Ganado                     | 8          |
|  | Jeddito                    | 2          |
|  | Kinlichee (Kin Dah Lichii) | 5          |
|  | Steamboat                  | 9          |
| <b>Total Chairman James</b>                      |                            | <b>27</b>  |
| <b>Honorable Delegate Lester Yazzie</b>          | Chilchiltah                | 1          |
|  | Manuelito                  | 1          |
|  | Breadsprings               | 1          |
|  | Rock Springs               | 3          |
| <b>Total Delegate Yazzie</b>                     |                            | <b>6</b>   |
| <b>Honorable Delegate Eugenia Charles Newton</b> | Shiprock                   | 1          |
| <b>Total Chairperson Charles Newton</b>          |                            | <b>1</b>   |
| <b>Grand Total</b>                               |                            | <b>228</b> |

The following table illustrates a strong example of how partnership does work and benefits Navajo families. NTUA, Division of Community Development (DCD), and the Navajo Engineering and Construction Authority (NECA) have combined efforts to build bathroom additions for families that do not have bathrooms inside their homes. To date, the partnership has built 19-bathroom additions, and two are currently under construction. NTUA has sent 323 applications for bathroom additions to DCD for review.

| <b>Project Stage</b> | <b>Homes without Plumbing</b>                  | <b>Total No. of Projects</b> |
|----------------------|--|------------------------------|
| 1                    | Projects under review for Feasibility          | 323                          |
| 2                    | Projects at the Right of Way Stage             | 0                            |
| 3                    | Projects with Approved ROW                     | 0                            |
| 4                    | Approved ROW Projects pending a NN EPA Permit  | 0                            |
| 5                    | Projects that are in Construction**            | 0                            |
| 6                    | Projects that are Constructed and in Service** | 19                           |
|                      | <b>Total</b>                                   | <b>342</b>                   |

|                                      |               |           |
|--------------------------------------|---------------|-----------|
| Honorable Chairperson Brenda Jesus   | St. Michaels  | 2         |
| <b>Total Chairperson Jesus</b>       |               | <b>2</b>  |
| Honorable Chairman Vince James       | Cornfields    | 1         |
|                                      | Ganado        | 1         |
|                                      | Kinlichee     | 1         |
|                                      | Steamboat     | 1         |
| <b>Total Delegate Chairman James</b> |               | <b>4</b>  |
| Honorable Delegate Nathan Notah      | Coyote Canyon | 1         |
|                                      | Twin Lakes    | 1         |
| <b>Total Delegate Notah</b>          |               | <b>2</b>  |
| Honorable Delegate Cheryl Yazzie     | Dilkon        | 1         |
|                                      | Indian Wells  | 1         |
|                                      | Teetso        | 1         |
| <b>Total Vice-Chairperson Yazzie</b> |               | <b>3</b>  |
| Honorable Delegate Dr. Andy Nez      | Fort Defiance | 2         |
| <b>Total Delegate Nez</b>            |               | <b>2</b>  |
| Honorable Speaker Crystalyne Curley  | Many Farms    | 1         |
|                                      | Nazlini       | 1         |
| <b>Total Madam Speaker Curley</b>    |               | <b>2</b>  |
| Honorable Delegate Steven Arviso     | Churchrock    | 2         |
| <b>Total Delegate Arviso</b>         |               | <b>2</b>  |
| Delegate Lester Yazzie               | Rock Springs  | 2         |
| <b>Total Delegate Yazzie</b>         |               | <b>2</b>  |
| <b>GRAND TOTAL</b>                   |               | <b>19</b> |

### Cistern Projects

For homes located too far from the main waterline, the water cistern projects include the cost to provide a fully functioning cistern system which includes a cistern tank, a pump, and plumbing (if necessary), all required inspections, and any other necessary components to make a complete working system. These projects will include the cost to construct a fully functioning septic system which includes a septic tank, a drain field, plumbing (if necessary), sink (if necessary), hot water heater system (if necessary), bathroom addition (if necessary), an energy efficient refrigerator, house wiring (if necessary), all required inspections, and the installation of any other necessary components for a functional system.

For each septic system to properly operate, a power source is required. Feasible homes will be served with a complete cistern system which consists of a 1,000-gallon water tank, a pump and necessary plumbing to connect cistern to home. The waterline projects include the cost to provide a fully functioning water system which includes a pump, plumbing (if necessary), all required inspections, and any other necessary components to make a complete working system. NTUA is currently working through a list of potential cistern project sites which we have received from the Office of Environmental Health (OEH) as well as projects from NTUA's waterline extension project listing. Locations are being vetted based on the following criteria.

- Home does not currently have a water line connection or existing cistern/septic system
- Home is over ½ mile or more away from an NTUA waterline
- Homeowner has an Approved Home Site or Residential Lease, Deed
- Home structure is stable enough to support cistern/septic infrastructure
- Home has complete plumbing
- Home has power or can be connected to grid or is eligible for solar
- Home is a year-round residence.

#### 400 cistern projects were approved with CJN-29-22

|   | Project Stage                                | Total No. of Projects |
|---|--|-----------------------|
| 1 | IHS or NN Referrals                          | 146                   |
| 2 | Projects that are in the Engineering Stage * | 104                   |
| 3 | Projects pending a NN EPA Permit **          | 0                     |
| 4 | Projects with an NN EPA Permit               | 0                     |
| 5 | Projects that are in Construction            | 3                     |
| 6 | Projects that are Constructed & In Service   | 44                    |
|   | <b>Total Active Projects</b>                 | <b>297</b>            |

#### 5.15 DRINKING WATER: SOURCE Water Cistern Connections (Completed)

| Delegate                                | Chapter       | Count of No. of Families |
|---|---------------|--------------------------|
| Honorable Delegate Dr. Andy Nez         | Fort Defiance | 1                        |
|   | Sawmill       | 1                        |
| <b>Total Delegate Dr. Nez</b>           |               | <b>2</b>                 |
| Honorable Delegate Jesus                | St Micheals   | 1                        |
|   |               | <b>1</b>                 |
| <b>Total Delegate Chairperson Jesus</b> |               | <b>2</b>                 |
| Honorable Delegate Carl R. Slater       | Lukachukai    | 2                        |
|   | Rough Rock    | 4                        |
| <b>Total Vice-Chairman Slater</b>       |               | <b>6</b>                 |

|   |                                     |          |
|---|-------------------------------------|----------|
| <b>Honorable Delegate Casey A. Johnson</b>                | Cameron                             | 1        |
|   | Leupp                               | 1        |
|   | Birdsprings                         | 1        |
|   | <b>Total Vice-Chairman Johnson</b>  | <b>3</b> |
| <b>Honorable Delegate Cherilyn Yazzie</b>                 | Greasewood Springs                  | 1        |
|   | Teesto                              | 1        |
|   | Whitecone                           | 1        |
|   | <b>Total Vice-Chairwoman Yazzie</b> | <b>3</b> |
| <b>Honorable Delegate Madam Speaker Crystalyne Curley</b> | Tselani/Cottonwood                  | 3        |
| <b>Total Madam Speaker Curley</b>                         |                                     | <b>3</b> |
| <b>Honorable Delegate George Tolth</b>                    | Baca/Prewitt                        | 1        |
| <b>Total Delegate Tolth</b>                               |                                     | <b>1</b> |
| <b>Honorable Delegate Germaine Simonson</b>               | Forest Lake                         | 2        |
|   | Black Mesa                          | 2        |
|   | <b>Total Delegate Simonson</b>      | <b>4</b> |
|   |                                     |          |
| <b>Honorable Delegate Helena Nez Begay</b>                | Coppermine                          | 6        |
|   | Gap/Bodaway                         | 1        |
| <b>Total Delegate Begay</b>                               |                                     | <b>7</b> |
| <b>Honorable Delegate Lomardo Aseret</b>                  | Houck                               | 2        |
|   | Klagetoh                            | 1        |
|   | <b>Total Delegate Aseret</b>        | <b>3</b> |
|   |                                     |          |
| <b>Honorable Delegate Nathan Notah</b>                    | Coyote Canyon                       | 1        |
|   | Naschitti                           | 1        |
|   | <b>Total Delegate Notah</b>         | <b>2</b> |
|   |                                     |          |
| <b>Honorable Delegate Rickie Nez</b>                      | Newcomb                             | 1        |
| <b>Total Delegate Nez</b>                                 |                                     | <b>1</b> |
| <b>Honorable Delegate Shaandiin Parrish</b>               | Dennehotso                          | 1        |
|   | <b>Total Chairwoman Parrish</b>     | <b>1</b> |
|   |                                     |          |
|   |                                     |          |
| <b>Honorable Delegate Shawna Ann Claw</b>                 | Chinle                              | 1        |
| <b>Total Delegate Claw</b>                                |                                     | <b>1</b> |

|                                     |             |    |
|-------------------------------------|-------------|----|
| Honorable Delegate Steven R. Arviso | Church Rock | 1  |
| Total Delegate Arviso               |             | 1  |
| Honorable Delegate Vince R. James   | Kinlichee   | 1  |
|                                     | Steamboat   | 4  |
| Total Chairman James                |             | 5  |
| Grand Total                         |             | 45 |