



Navajo Area
Indian Health Service
P.O. Box 9020
Window Rock, Arizona 86515-9020

December 23, 2020

Honorable Jonathan Nez, President
The Navajo Nation
P.O. Box 7440
Window Rock, Arizona 86515

RE: Navajo Area IHS Sanitation Deficiency System (SDS) List – FY 2021

Dear Honorable President Nez:

Attached please find the most current Indian Health Service (IHS) Sanitation Deficiency System (SDS) report for domestic water, waste water and solid waste unmet needs for existing Navajo homes. The SDS is mandated by Public Law 94-437, the Indian Health Care Improvement Act, as amended. Although we update this list annually and submit it to our Headquarters office for inclusion into the national list, it may be amended at any time, and we seek and welcome your comments for the purpose of thoroughness. This Navajo SDS list was reviewed and updated during the 2020 calendar year, and was officially made part of the IHS Headquarters record on December 2, 2020.

The first page of the report is a summary of the identified reportable and eligible sanitation deficiencies for the Navajo Nation. The following five pages of the report is a one-line listing of the 374 reportable sanitation facilities projects, in priority order, that are necessary to correct these sanitation deficiencies. The funding priority is based on several scoring factors, with the dominant factors being the deficiency levels and the cost per home of each project.

The total estimated cost of all reportable projects is approximately \$535 million, an increase of \$15.5 million from the previous year. The total cost of projects that are economically feasible for IHS funding is approximately \$166 million. Although the Navajo Area IHS, one of twelve IHS Areas nationally, secures approximately 20% of all the Public Law 86-121 funding by Congress for these projects, at the current level of funding it will take approximately 6 years to fund the feasible projects.

In preparing this SDS list we have worked with the local Chapters, the Navajo Tribal Utility Authority, and the Nation's Department of Water Resources. Should your office wish to comment or add to this list, or would like more detailed information on individual projects, please contact CAPT Rachael Brown, Director, Division of Sanitation Facilities Construction, at (928) 871-5851.

Sincerely,

Roselyn Tso -S

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Tso -S
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Roselyn Tso
Area Director, Navajo Area
Indian Health Service

xc: Myron Lizer, Vice President, Navajo Nation
Seth Damon, Speaker, Navajo Nation Council
Rickie Nez, Chairperson, Resources and Development Committee, Navajo Nation
Daniel E. Tso, Chairperson, Health, Education and Human Services Committee, Navajo Nation
Rex Kontz, Deputy General Manager, NTUA, Navajo Nation
Brett Grubbs, General Manager, NECA, Navajo Nation
Rudy Shebala, Executive Director, Division of Natural Resources, Navajo Nation
Pearl Yellowman, Executive Director, Division of Community Development, Navajo Nation
Patrick Dalgai, CDBG Program, Community Housing Infrastructure Department, Navajo Nation
James Adakai, Capital Projects Managmt Dept, Div. of Community Development, Navajo Nation
Jason John, Director, Department of Water Resources, Navajo Nation
Najam H. Tariq, Director Tech. Constn. & Ops., Department of Water Resources, Navajo Nation
Ronnie Ben, Acting Director, Navajo Nation EPA
Yolanda Barney, Public Water Systems Supervision Program, Navajo Nation EPA
Tomas Torres, Director, Water Division, EPA Region 9 (WTR-1)
Nancy Sockabasin, Tribal Drinking Water Team, EPA Region 9 (WTR-4)
Emmanuelle Rapicavoli, Tribal Drinking Water Team, EPA Region 9 (WTR-4)
Director, OEHE, NAIHS
Director, DSFC, NAIHS
District Engineers, DSFC, NAIHS; Ft. Defiance, Tuba City, Shiprock, Gallup Districts
File: C971.51 SDS

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STARS

SDS SUMMARY (1 PAGE) — DRAFT
Area: NA

GENERAL AREA INFORMATION

Number of Projects:	
Total Data Base:	374
Current Agency Funding Plan:	160
Total Project Costs (Eligible):	
Total Data Base:	\$535,580,490
Current Agency Funding Plan:	\$165,706,620
Estimated Number of Homes Without Potable Water (Reportable homes)	3,458
Estimated Number of Homes at Deficiency Levels 4 and 5	3,548
Estimated Number of Homes at Deficiency Levels 2 through 5	23,891
Estimated Number of Homes at Deficiency Levels 1 through 5	42,840
Estimated Number of Homes at Deficiency Levels 0 through 5	56,664
Number of Communities in Deficiency Profile	172

DEFICIENCY LEVEL INFORMATION

DEFICIENCY LEVEL	0	1	2	3	4	5
Homes	13,824	18,949	17,216	3,127	1,901	1,647
Percent Eligible Homes	57.86	79.31	72.06	13.09	7.96	6.89
Number of Projects		3	45	20	186	120
Estimated Cost (Eligible):						
Total Data Base:		\$3,410,000	\$71,082,980	\$31,795,559	\$326,860,820	\$102,431,131
Curr. Funding Plan:			\$64,316,931	\$30,282,551	\$9,015,019	\$62,092,119

TYPE OF SERVICE INFORMATION

TYPE OF SERVICE	WATER	SEWER	SOLID WASTE	O & M
Homes at IDL 0	22,219	21,082	35,275	N/A
Homes at IDL 1	22,692	19,477	21,214	N/A
Homes at IDL 2	8,242	11,460	0	N/A
Homes at IDL 3	53	2,908	175	N/A
Homes at IDL 4	1,811	90	N/A	N/A
Homes at IDL 5	1,647	1,647	N/A	N/A
Homes at IDL 2 - 5	11,753	16,105	175	N/A
Percent of Eligible Homes	49.19	67.41	0.73	N/A
Estimated Costs (Eligible):				
Total Data Base:	\$438,565,279	\$96,602,211	\$413,000	\$0
Curr. Funding Plan:	\$83,098,255	\$82,195,365	\$413,000	\$0

Report Criteria

Dataset: Snapshot – 2021 - IHS National (#19910
12/02/2020 03:58 Hawasly Ramsey)

Area(s) : NA

Funded? No

Reportable? Yes

Funding : Eligible

Project Tier : All

NM17003-1601	Tsayaloh-Failed Septic Replacements DL3	Tier 1: Ready To Fund	084	120	04	014	338	3	35	3	0	82,000	503,152,727
AZ01041-1001	SIHASIN W38 Hunter's Pt/Oak Springs Inter-Tie (X)	Tier 2: Engineering Assessed	084	120	01	013	339	2	34	110	1,426,000	1,428,000	504,580,727
AZ03135-0704*	SIHASIN W46 Tuba City Old Airport Sewer Extension (X)	Tier 2: Engineering Assessed	084	120	02	018	340	2	33	38	1,220,000	1,220,000	505,800,727
NM24608-0502*	MILKWATER WATERLINE EXTENSION (X)	Tier 3: Preliminarily Assessed	084	120	01	013	341	3	32	19	0	1,513,008	507,313,735
AZ01053-1102	DL3 FAILED SEWER SYSTEMS	Tier 2: Engineering Assessed	084	120	01	013	342	3	32	11	0	370,000	507,683,735
AZ01048-0301*	Lukachukai West Extension (X)	Tier 2: Engineering Assessed	084	120	01	016	343	4	32	6	0	1,162,000	508,845,735
AZ01058-1008	Shiprock to Sweetwater/Aneth Phase 8 (X)	Tier 2: Engineering Assessed	084	120	03	017	344	2	31	524	1,522,000	6,576,000	515,421,735
AZ01058-1007	Shiprock to Sweetwater/Aneth Phase 7 (Proposed PTF) (X)	Tier 2: Engineering Assessed	084	120	03	017	345	2	31	1851	450,000	2,371,000	517,792,735
NM17002-2101	Gallup Southwest Drainfield Replacement	Tier 3: Preliminarily Assessed	084	120	04	014	346	2	31	6	0	97,000	517,889,735
NM24608-0802	Crystal Pumping Facilities - Sihasin W10 Companion (X)	Tier 3: Preliminarily Assessed	084	120	01	013	347	2	31	271	82,000	274,000	518,163,735
AZ03135-0701*	SIHASIN W49 TUBA CITY NW SEWERLINE - PHASE I (X)	Tier 2: Engineering Assessed	084	120	02	018	348	2	31	39	1,038,000	1,038,000	519,201,735
AZ09158-2400	WINSLOW DL2 ST/DF REPLACEMENTS	Tier 2: Engineering Assessed	084	120	02	019	349	2	30	41	0	678,017	519,879,752
AZ09175-2501*	Pinon Low Pressure (X)	Tier 3: Preliminarily Assessed	084	120	01	016	350	2	30	23	0	531,000	520,410,752
NM17475-0802	Casamero Lake Well- Phase 2 (Well) -W66 (X)	Tier 2: Engineering Assessed	084	120	04	011	351	2	30	373	1,281,977	1,766,023	522,176,775
NM17424-1601*	Crownpoint Sewer System Renovation Ph 3	Tier 3: Preliminarily Assessed	084	120	04	011	352	1	30	389	145,920	152,000	522,328,775
NM17403-1701*	Gallup Failed Septics DL2 - Eastward	Tier 3: Preliminarily Assessed	084	120	04	014	353	2	29	22	0	498,000	522,826,775
AZ01041-0901	SIHASIN W39 Pine Springs Well (X)	Tier 2: Engineering Assessed	084	120	01	013	354	2	29	64	689,000	689,000	523,515,775
NM17475-0801	Smith Lake Well- Phase 1 (Booster) -W65 (X)	Tier 2: Engineering Assessed	084	120	04	011	355	2	28	373	137,160	624,840	524,140,615
NM33140-1701	Ramah Pinehill New WTP (X)	Tier 3: Preliminarily Assessed	084	120	04	014	356	2	28	563	509,900	647,100	524,787,715
NM24616-0704*	Carson JYazzie Waterline (X)	Tier 2: Engineering Assessed	084	120	03	012	357	4	27	1	0	146,000	524,933,715
NM24622-0801*	Nageezi Martinez-Lopez Waterline (X)	Tier 2: Engineering Assessed	084	120	03	012	358	5	27	2	0	384,000	525,317,715
AZ09180-1701*	SHONTO BLACK MESA WASH JUA WATERLINE EXT.(X)	Tier 3: Preliminarily Assessed	084	120	02	018	359	4	27	6	0	2,203,000	527,520,715
AZ01046-1301*	Chinle Agency FDF DL-2	Tier 3: Preliminarily Assessed	084	120	01	016	360	2	27	53	0	1,462,005	528,982,720
NM28341-1301*	ALAMO APACHE WELL UPGRADE	Tier 3: Preliminarily Assessed	084	120	04	014	361	1	27	378	0	1,550,000	530,532,720
AZ01053-1101*	DL2 FAILED SEWER SYSTEMS	Tier 2: Engineering Assessed	084	120	01	013	362	2	26	18	0	496,008	531,028,728
NM24616-0802	Blanco Canyon Re-chlorination Station (X)	Tier 3: Preliminarily Assessed	084	120	03	012	363	2	26	36	0	314,000	531,342,728
AZ03132-0104	TOLANI LAKE PRICE II CIST. DIST. 5 (X)	Tier 3: Preliminarily Assessed	084	120	02	019	364	5	25	4	0	179,000	531,521,728
AZ01039-0401	Nahata Dzii Septage Lagoon	Tier 2: Engineering Assessed	084	120	02	019	365	2	24	446	0	349,000	531,870,728
NM33140-1801	Ramah Sunset Valley-Rocky Point CWS Intertie (X)	Tier 2: Engineering Assessed	084	120	04	014	366	2	23	215	411,000	529,000	532,399,728
AZ01902-1200*	Ganado North Sewer Exts.	Tier 2: Engineering Assessed	084	120	01	013	367	1	22	30	0	1,708,000	534,107,728
AZ09184-0901	TEESTO SEPTAGE LAGOON (X)	Tier 3: Preliminarily Assessed	084	120	02	019	368	2	21	195	0	374,000	534,481,728
NM17483-0901	Buffalo Springs Pumphouse Replacement (X)	Tier 3: Preliminarily Assessed	084	120	04	014	369	2	21	620	81,000	341,000	534,822,728
AZ09158-0701	DILKON DIST- 7 TANK PAINTING (X)	Tier 3: Preliminarily Assessed	084	120	02	019	370	2	21	442	168,504	195,762	535,018,490
NM24614-0601	Hogback Solid Waste Dump Closure	Tier 3: Preliminarily Assessed	084	120	03	017	371	3	20	37	0	41,000	535,059,490
AZ03132-1301	Tolani Lake Dump Closures	Tier 3: Preliminarily Assessed	084	120	02	019	372	3	20	51	0	81,000	535,140,490
AZ09921-1201	White Cone Chapter Solid Waste Open Dump	Tier 3: Preliminarily Assessed	084	120	02	019	373	3	20	87	0	291,000	535,431,490
NM17444-0901	Iyanbito/ChurchRock Radio Telemetry System	Tier 3: Preliminarily Assessed	084	120	04	014	374	2	20	317	0	149,000	535,580,490

* (after project number) indicates infeasible projects
BOLD rows indicate projects without homes

Report Criteria

Dataset: Snapshot – 2021 - IHS National (#19910 12/02/2020 03:58 Hawasly Ramsey)
Area(s) : NA
Funded? No
Feasible? All
Reportable? Yes
Funding : Eligible
Project Tier : All
Sorted By: Area Priority