

EXEMPLARY UTILITIES, OUTSTANDING OPERATORS



CLEAN WATER: Making Life Possible

2012 • Calendar

2012

JANUARY

S	M	T	W	T	F	S
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FEBRUARY

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MARCH

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APRIL

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MAY

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JUNE

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JULY

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AUGUST

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SEPTEMBER

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OCTOBER

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28	29	30	31			

NOVEMBER

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DECEMBER

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23	24	25	26	27	28	29
30	31					



left to right; Steve Langdeau, Arnie Sazue and Tory McCauley

LOWER BRULE RURAL WATER TREATMENT PLANT

Service area: Lower Brule Reservation, South Dakota

Geographic location: Central South Dakota

Population Served: +450 connections

Nominated by: John Trebesch, Tribal Utility Consultant, Pierre District

The Lower Brule Water Treatment Plant was constructed and placed on line in 1999. The existing water plant was originally a two skid .80 MGD micro-filtration water treatment system. It now provides water to over 450 service connections through 500 miles of core line distribution piping, 5 booster stations and 3 storage tanks providing over 1 million gallons of storage. The Micro-filtration system was upgraded in 2007 to an ultra-filtration system capable of producing 1.2 MGD. The existing system utilizes monochloramines for disinfectant and is currently in the process of installing a twin reactor ultra violet disinfection system.

STEVE LANGDEAU

Position/Title: Water Plant Superintendent

Steve is a Class II Water Operator and has been with the water system for over 15 years and operated the previous .35 MGD pressure filter system which was replaced in 1999. The water plant has three certified operators; Steve Langdeau Class II Water Operator, Arnie Sazue Class I Water Operator, Greg LaRoche Class I Distribution Operator and Tory McCauley GIS Mapping Technician and is currently helping out at the water plant.

JANUARY • 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
▶ Last Quarter New Year's Day 1	New Year's Day (Federal Holiday) 2	3	4	5	6	7
8	○ Full Moon 9	10	11	12	13	14
15	● First Quarter Martin Luther King, Jr. Day (Federal Holiday) 16	17	18	19	20	21
22	● New Moon 23	24	25	26	27	28
29	30	▶ Last Quarter 31			DECEMBER 2011 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	FEBRUARY 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

Meetings, Trainings, and Maintenance Notes:



left to right; Mitch Durken, Tom Brown, and Bill MacGuffie

SOUTHERN UTE UTILITIES DIVISION

Service Area: Southern Ute Indian Reservation and City of Ignacio, Colorado

Geographic Location: Southwest Colorado

Population Served: 4,400

Nominated by: Rod Weber, P.E., Sr. Environmental Engineer, Albuquerque Area

The Southern Ute Utilities Division provides water supply, wastewater disposal, solid waste management, and natural gas services for tribal members residing on the Southern Ute Indian Reservation. The Utilities Division also provides bulk water supply and wastewater disposal for the City of Ignacio, Colorado. The water system consists of a 4 mgd surface water treatment plant with pre-sedimentation, chloride oxide, coagulation, flocculation, clarification, filtration, fluoridation and disinfection. Three water storage reservoirs provide four million gallons of water storage. The water production ranges from 0.5 mgd to 1.8 mgd. There are approximately 1,000 homes served by the water system including 320 residences with cisterns. The 0.6 mgd wastewater treatment plant includes an influent pump station, headworks, oxidation ditch with anoxic zone, clarifiers, UV disinfection, aerobic digesters, sludge drying beds, and biosolid storage.

TOM BROWN

Tribal Affiliation: Southern Ute Indian Tribe

Position/Title: Southern Ute Utilities Division Director

He is a Colorado certified Class B water operator and Class C wastewater operator. During his time with the Tribe, he has been instrumental in directing the development of one of the finest utilities organizations in the area. In 2007, the wastewater treatment plant was selected as the first place winner of the EPA National Clean Water Act Recognition award for Outstanding Operations and Maintenance in the Small Advanced Plant category. In addition to the water and wastewater utilities, he manages the distribution of natural gas and solid waste collection for tribal members. Tom currently serves as project manager for multi million dollar water system improvement projects. The latest project included the replacement of 8,200 feet of 20" raw water line from the sedimentation ponds to the water treatment plant which involved several environmental issues along the Pine River. He is also developing a project to provide community water to approximately 30 scattered homes with cisterns and individual wells. Tom credits his dedicated staff as the main reason they can provide the quality of service that they do.



Newly constructed Mahnomen Water Treatment Plant.

FOND DU LAC WATER DEPARTMENT

Geographic Location: NE Minnesota

Population Served: Community Water Systems

 serving a total of 125 residential connections.

Nominated by: Bemidji Area Indian Health Service,
Minnesota District Office

The Fond du Lac Reservation located in Northeastern, MN manages and operates the Jack Pine Drive, Mahnomen Road and Ridge Road community water systems to serve to tribal members living in the wooded rural housing areas around Cloquet, MN. Each of these systems have community wells and water treatment plants providing chlorination, fluoridation, filtration. The department takes great pride in keeping each of the pump houses not only in good working order, but spotless. All three of these systems have received scores of 16 or “excellent” on their annual O&M inspections since 2006. During this period, the Danielson and Mahnomen Systems have also had new water treatment plants designed and constructed. Prior to the construction of these new plants, the existing ones were nearing failure due to their age. This resulted in long and unpredictable hours and in the case of the Danielson development, it meant overseeing the construction of a temporary pump house after the buried pressure tank had failed. This temporary pump house was in service for more than a year prior to the completion of the new facility. Other tribal members are connected to the community water and sewer facilities located in Cloquet, Duluth, and other surrounding towns with whom the tribe partners to provide service to its members.

MARCH • 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
FEBRUARY 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	APRIL 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			▶ Last Quarter 1	2	3
4	5	6	7	8	9	10
Daylight Savings Begins				◐ Full Moon ◑ First Quarter		St. Patrick's Day
11	12	13	14	15	16	17
		First Day of Spring		● New Moon		
18	19	20	21	22	23	24
					▶ Last Quarter	
25	26	27	28	29	30	31

Meetings, Trainings, and Maintenance Notes:



IIPAY NATION OF SANTA YSABEL

Service Area: Santa Ysabel Reservation

Geographic Location: Southern California northeast of San Diego and south of Palm Springs.

Population Served: 170 connections

Nominated by: Nancy Dewees, Tribal Utility Consultant, California Area

The Santa Ysabel water system serves a population of 259 in four different geographic areas. The four systems have a total of 4 active wells, 4 storage tanks totaling 205,000 gallons, and 17,952 feet of 6- and 8-inch PVC water mains. 65,000 gallons of drinking water per day are chlorine-treated. It is estimated that there is \$1.4 million worth of water infrastructure on the reservation. The reservation also has several small slow sand filters that serve remote homes, and all the reservation homes are served by individual septic tank and drainfield systems. The water operator for the four water systems assists homeowners with trouble-shooting these small water and sewer systems.

MAX BAAY

Tribal Affiliation: Iipay Nation of Santa Ysabel

Position/Title: Water Operator

Years of Service: 13

Max started working on the Santa Ysabel system in 1998 on a part-time volunteer basis out of a desire to keep water flowing to the reservation homes. The system at that time was very unreliable. He picked up knowledge about the system on his own, and by 2001 he was the sole full-time operator of the system. He got his Grade 1 water treatment and distribution certifications, was hired by the Tribe, and now has his State of California Grade 2 treatment and distribution certifications. Through Max's persistence and resourcefulness, he is continually finding ways to improve the system. During his tenure, most of the existing system has been replaced with new components through projects funded by IHS and EPA. He assists with construction inspection, is known for his excellent customer service, and was recently awarded the Small Utility award by the California-Nevada section of the American Water Works Association. During his free time, Max enjoys hunting, fishing, going to the movies, and travelling.

APRIL • 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
April Fool's Day 1	2	3	4	5	○ Full Moon Good Friday 6	Passover 7
Easter Sunday 8	9	10	11	12	☾ First Quarter 13	14
15	16	17	18	19	20	● New Moon 21
Earth Day 22	23	24	Administrative Professional's Day 25	26	27	28
☾ Last Quarter 29	30				MARCH 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	MAY 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Meetings, Trainings, and Maintenance Notes:



New Frazer community water storage tank, an infrastructure improvement project brought to fruition with the help and dedication of Tina Magnan

FORT PECK TRIBES O&M DEPARTMENT

Service Area: Assiniboine and Sioux Tribes
of the Fort Peck Indian Reservation

Geographic Location: Northeastern Montana

Population Served: Approximately 550

Nominated By: Heather LaTray, TUC, Billings Area

The Fort Peck O&M Department provides water, wastewater and solid waste services to residents within the reservation communities of Frazer and Fort Kipp. The Frazer system is comprised of six wells, a new pedestal storage tank and a wastewater lagoon, while Fort Kipp was recently connected as a consecutive system to the Fort Peck Dry Prairie Rural Water System. The O&M Department maintains the distribution lines in Fort Kipp, as well as the wastewater lagoon. The small but efficient utility staff shoulders system operation and maintenance, all phases of accounting and billing, and grant application and administration.

TINA MAGNAN

Position/Title: Financial Technician

Years of Service: 11 years

Ms. Tina Magnan wears many hats as a vital figure within the Ft. Peck O&M Department, serving not only as their finance and accounting contact, but also as a tribal contracting officer, grant writer and tribal representative on IHS community and individual construction projects. Tina believes that well executed maintenance will keep a system running as intended, and also recognizes the importance of cross training within a small department like hers. She is a stickler for pursuing any available grant funding, and likes to optimize the utility budget by using what remains at year end to bulk up their parts inventory. Tina acquired a great deal of experience on her favorite project, the Frazer water tower, where she was heavily involved in the funding process, land procurement, navigating right-of-way obstacles, the bidding process and project administration.

MAY • 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>APRIL 2012</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30</p>	<p>JUNE 2012</p> <p>S M T W T F S</p> <p>1 2</p> <p>3 4 5 6 7 8 9</p> <p>10 11 12 13 14 15 16</p> <p>17 18 19 20 21 22 23</p> <p>24 25 26 27 28 29 30</p>					Cinco de Mayo
○ Full Moon		1	2	3	4	5
6	7	8	9	10	11	12
Mother's Day						Armed Forces Day
13	14	15	16	17	18	19
● New Moon						
20	21	22	23	24	25	26
	► Last Quarter Memorial Day (Federal Holiday)					
27	28	29	30	31		

Meetings, Trainings, and Maintenance Notes:



Cesar Romero

TOHONO O'ODHAM UTILITY AUTHORITY

Service Area: Tohono O'odham Nation

Geographic Location: 2.9 million acres of Southern Arizona

Population Served: 15,000

Nominated By: Ross D. Schroeder, Assistant Chief,
Sanitation Facilities Construction Branch

The Tohono O'odham Utility Authority (TOUA) is a full-service utility organization that provides water, wastewater, propane, electrical, and telephone/cellular/internet service to the Tohono O'odham Nation. TOUA services an area of 2.9 million acres, a size that is comparable to the state of Connecticut. A staff of only 21 employees provides service to 57 communities consisting of 33 community water systems and 22 sanitary sewer systems. These systems include 64 wells, 39 water storage tanks, 1 arsenic treatment plant, hundreds of miles of water and sewer lines, 21 lagoons, one wetlands system, one community drainfield, and 12 wastewater pumping stations.

CESAR ROMERO

Position/Title: Laboratory Crew Chief

Job Responsibilities: Water quality testing and monitoring.

Home Community: NA.

Cesar is a California transplant who resides in Tucson.

Cesar Romero relocated from California to Arizona and came to work for the Tohono O'odham Utility Authority in February of 2009. Since that time he has been an extremely dedicated employee who performs at an exceptional level. Working hard is what he loves to do, because he understands that bringing safe drinking water to the residents of 33 community water systems, 24 hours a day, 7 days a week, is exactly that - a lot of hard work. Looking through his sunglasses, he is never without a smile, a laugh, or minute to joke with one of his co-workers. Cesar has worked in the water industry for over 15 years. He holds a grade two certification in both water treatment and water distribution through the Arizona Department of Environmental Quality, and a water lab analyst certification from the Inter Tribal Council of Arizona. Besides work, he enjoys hunting, hiking, reading, and rafting. He even plays guitar in his spare time.

JUNE • 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>MAY 2012</p> <p>S M T W T F S</p> <p>1 2 3 4 5</p> <p>6 7 8 9 10 11 12</p> <p>13 14 15 16 17 18 19</p> <p>20 21 22 23 24 25 26</p> <p>27 28 29 30 31</p>	<p>JULY 2012</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30 31</p>					
	○ Full Moon				1	2
3	4	5	6	7	8	9
	◐ First Quarter			Flag Day		
10	11	12	13	14	15	16
Father's Day		● New Moon	First Day of Summer			
17	18	19	20	21	22	23
			◑ Last Quarter			
24	25	26	27	28	29	30

Meetings, Trainings, and Maintenance Notes:



Front Row from Left to Right:
Byron Mosley, Ashley Lowe,
Jamie Ramer, Dempsey Rolin

Back Row from Left to Right:
Bill Holmes, Paul Rolin, Josh
Thomas, Shaun Livermore



Jamie Ramer

POARCH CREEK INDIANS UTILITY AUTHORITY

Service Area: Poarch Creek Indian Reservation and Community

Geographic Location: Escambia County, AL (8 miles North of Atmore, AL)

Population Served: 160 tribal member homes

Nominated By: Tom Armitage, P.E., Tribal Utility Consultant, Nashville Area IHS

The Poarch Creek Indians Utility Authority is responsible for the planning, development, production, purchase, transmission, and distribution of all electricity, gas, water, telecommunications, cable television, waste water, solid waste, and other utility-related services and provides water supply, waste water collection, and solid waste disposal services for the tribal community and Poarch Creek Indian Reservation. The Poarch Creek water system consists of two water wells, two water treatment facilities, a 0.2 mgd elevated water storage tank, and a 1.0 mgd elevated water storage tank. Treatment processes include aeration, fluoridation, corrosion control inhibitors, and chlorine-gas disinfection. The community water distribution system includes approximately 16 miles of water mains ranging in size from 6 inches to 12 inches in diameter. The Poarch Creek wastewater system consists of a 0.5 mgd SBR mechanical plant, nine community lift stations, and a gravity collection system.

JAMIE RAMER

Tribal Affiliation: Poarch Creek Indians tribal member

Position/Title: Maintenance Coordinator, Poarch Creek Indians Utility Authority

Years of Service: 8 years

Certifications: OSHA Competent Person in Excavation & Confined Space Entry, First Responder, Locate & Damage Prevention, Construction & Maintenance, Leak Surveying, and Field Safety among many other professional credentials

Jamie has over 14 years of experience in the water and waste water industry. After working in utility maintenance for an adjacent utility system for several years, Jamie began work with the Tribe in 2003 as a General Laborer. Due to his tremendous work ethic, incomparable commitment, and outstanding leadership, Jamie quickly advanced to Utility Assistant and then Operator. Jamie now serves the Tribe as the Utilities Maintenance Coordinator and is a prolific asset to the Poarch Creek Indians Utility Authority. He is highly respected by his co-workers and is a prominent part of the Tribal organization. In his spare time, Jamie enjoys hunting, coaching ball, attending pow wows, and relishing in time spent with his family.

JULY • 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		○ Full Moon	Independence Day (Federal Holiday)			
1	2	3	4	5	6	7
			☾ First Quarter			
8	9	10	11	12	13	14
				● New Moon		
15	16	17	18	19	20	21
				☽ Last Quarter		
22	23	24	25	26	27	28
		Passage of PL 86-121 (1959)			JUNE 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	AUGUST 2012 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
29	30	31				

Meetings, Trainings, and Maintenance Notes:



George Pickup

KENWOOD WASTEWATER TREATMENT FACILITY

Service Area: Cherokee Nation

Geographic Location: Northeast Oklahoma

Population Served: 158 tribal members

The Cherokee Nation operates a community wastewater system serving 35 homes, schools and businesses in the remote community of Kenwood in Delaware County, Oklahoma. The collection system serves a population of 158 people and consists of approximately 2,100 linear feet of 8-inch PVC with nine manholes and approximately 500 linear feet of 4-inch PVC that gravity-feed into a nearby lift station. The wastewater is then pumped via 4-inch force main to a three-cell, total-retention lagoon located approximately 1,300 feet from the lift station. The estimated daily flow through the facility is 0.015 MGD. The lagoons and collection system were recently rehabilitated to bring the system up to current treatment standards. The rehab included re-lining all three lagoons with 40 mil HDPE liner and repairs to the collection pipe and manholes to eliminate inflow and infiltration.

GEORGE PICKUP

Tribal Affiliation: Cherokee Nation

Position/Title: Kenwood Wastewater Facility Operator

Job Responsibilities: Directly supervises a staff of four full time employees and management of the Kenwood Wastewater Treatment Facility

George has been the Operator for the Kenwood Wastewater Facility for the past 15 years and also manages the Cherokee Nation's Sanitation Facilities Construction office in Bull Hollow. George is a certified Class 'D' water and wastewater operator and recently became a certified Aerobic Treatment System Installer with the Oklahoma Department of Environmental Quality. George is responsible for the day-to-day operation of the wastewater facility and is also responsible for the Sanitation Facilities Construction in the Cherokee Nation's Northern Eight Counties (Craig, Delaware, Mayes, Nowata, Ottawa, Rogers, Tulsa and Washington). George is a full-blood Cherokee from nearby Kansas, Oklahoma and has worked with the Cherokee Nation since 1983. George is an avid OU football fan and is committed to the community where he lives and works

AUGUST • 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>JULY 2012</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30 31</p>	<p>SEPTEMBER 2012</p> <p>S M T W T F S</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>²³/₃₀ 24 25 26 27 28 29</p>		1	2	<p>○ Full Moon</p>	3
5	6	7	8	9	<p>◐ First Quarter</p>	11
12	13	14	15	16	<p>● New Moon</p>	18
19	20	21	22	23	<p>◑ Last Quarter</p>	25
26	27	28	29	30	<p>○ Full Moon</p>	31

Meetings, Trainings, and Maintenance Notes:



Left to Right: Eric Ingraham, Randall Quintero

PYRAMID LAKE PUBLIC UTILITIES DISTRICT

Service Area: Pyramid Lake Paiute Tribe Reservation: Nixon, Sutcliffe, and Wadsworth community water and sewer systems

Geographic location: Northwest Nevada

Population served: approximately 1330, 650 water service connections

Nominated By: Dominic Wolf, District Utility Consultant,
Reno District Office, Phoenix Area

The Pyramid Lake Public Utilities District operates and maintains the water and sewer facilities for the Nixon, Sutcliffe, and Wadsworth communities located on the Pyramid Lake Paiute Tribe Reservation. The three communities are 30 miles apart. The two person crew maintains and operates the 3 separate community systems consisting of over 26 miles of community water distribution mains, five water storage tanks, six community wells, four pump houses, two community sewage collection systems, two multi-cell sewage treatment lagoons, and two sewage lift stations. GPS as-builts for the water and sewer facilities have been completed for all three communities. Development of a GIS system for the utilities is underway.

ERIC INGRAHAM, RANDALL QUINTERO

Tribal affiliation: Pyramid Lake Paiute Tribe

Position/Title: Eric - Water Operator II; Randall - Water Operator I

Years of Service: Eric - 9yrs; Randall - 2yrs.

Eric has a well rounded background which includes a tour of duty in the Air Force and owning and operating a property maintenance business. This, along with his computer skills are assets to the Utility. He has developed a Utility Data Base which includes water usage charts and graphs, inventory of infrastructure, budget analyses, and asset management. This information has been used for the development of a GIS system for the Utility. His efforts have resulted in a well operated utility. He is a Certified Level III Water Distribution and Level II Water Treatment Operator.

Randall brings many years of water and sewer construction experience to the utility. His hands-on construction experience is an asset to the utility. He is a Certified Level I Water Treatment, Level I Water Distribution, and Level II Wastewater Treatment Operator.

SEPTEMBER • 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>AUGUST 2012</p> <p>S M T W T F S</p> <p>1 2 3 4</p> <p>5 6 7 8 9 10 11</p> <p>12 13 14 15 16 17 18</p> <p>19 20 21 22 23 24 25</p> <p>26 27 28 29 30 31</p>	<p>OCTOBER 2012</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30 31</p>					
	Labor Day (Federal Holiday)					1 ● First Quarter
2 Grandparent's Day	3	4	5	6	7	8
9 ● New Moon	10	11	12	13	14	15 ► Last Quarter First Day of Autumn
16 ○ Full Moon (30th)	17	18	19	20	21 Native American Day	22
23/30	24	25	26	27	28	29

Meetings, Trainings, and Maintenance Notes:



Levi Jefferson

LUMMI TRIBAL SEWER AND WATER DISTRICT

Service Area: Ferndale, WA

Geographic Location: Lummi Reservation in Northwestern Washington

Population Served: Lummi Nation, 1,053 connections

Nominated By: Steven Anderson, District Utility Consultant, Portland Area

The Lummi Tribal Sewer and Water District (LTSWD) serves drinking water and provides wastewater management for the homes and facilities of the Lummi Reservation. The Utility District includes 10 wells, 4 reservoirs, and approximately 41 miles of service lines. Wastewater is handled by 3 wastewater treatment plants with a total of approximately 22.5 miles of collection lines and 28 sewage-pumping stations.

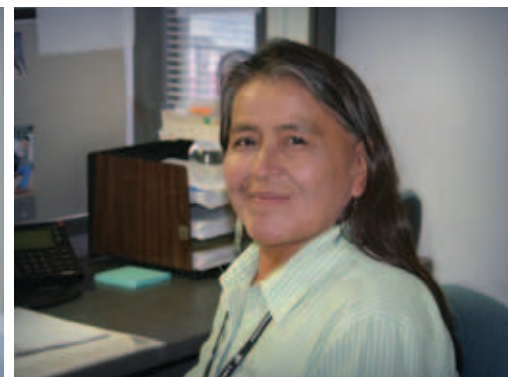
LEVI JEFFERSON

Tribal affiliation: Lummi Nation

Position/Title: Sewer Utility Supervisor

Years of service: 6 years

Levi is a valued colleague of the Portland Area IHS SFC program. He has worked with the LTSWD on many of the great improvements that the utility has made, from the installation and startup of the Nation's Membrane Bioreactor wastewater treatment plant to the construction of much of the force mains now collecting sewage from customers on the Lummi Peninsula. He has often been an asset not only to LTSWD, but to IHS as well, most recently in his assistance to the O&M program in bridging the gap between IHS and the Northwest Indian College. His help was instrumental in obtaining a first class training venue for an EHSC Lift Stations course. This is typical of his desire to aid those in our profession to be more capable operators and servants to our customers.



NTUA Environmental Compliance & Laboratory Team



THE NAVAJO TRIBAL UTILITY AUTHORITY

Service Area: The Navajo Nation, 27,000 square miles

Population Served: Approximately 36,600 water customers

and 13,600 waste water customers

Nominated By: David McDonnell, Technical Services Director, Navajo Area

Established in 1959, the Navajo Tribal Utility Authority (NTUA) supplies and extends electricity, natural gas, water, wastewater treatment, renewable energy and telecommunications (including wholesale transmission of voice, data, graphics and other information) services to homes and businesses throughout the 27,000 square mile Navajo Nation and neighboring communities. NTUA maintains and operates 90 public water systems throughout the Navajo Nation. These water systems are tested routinely to meet federal and tribal safe drinking water standards, which include publishing annual consumer confidence reports for each water system. These reports summarize information regarding sources used (i.e., rivers, lakes, reservoirs, or aquifers) any detected contaminants, compliance and educational information. As the primary water supplier for the Navajo Nation, NTUA continues to encourage water conservation using the traditional Navajo phrase "To'baa'haa'haasin" which means *Water is Precious*.

NTUA ENVIRONMENTAL COMPLIANCE & LABORATORY TEAM

To say that each job of the NTUA EC&L team is important is a monumental understatement. Each month, this team of chemists, laboratory technicians, a lab clerk, administrative assistants and technical assistants work together to ensure the drinking water supplied to thousands of customers is safe. NTUA water crew and water operators from throughout the service area deliver samples to the laboratory and like clockwork, the team processes the numerous water and wastewater samples through a series of analysis to meet safe drinking water guidelines. At the same time, the team works hard to maintain United States Environmental Protection Agency (USEPA) certification in microbiology and inorganic analysis. It's an unending process as the recertification cycle is every three years. Each year leading up to certification the NTUA EC&L team is required to complete and successfully pass several proficiency tests and also complete yearly Quality Assurance and Quality Control. Any water/wastewater laboratory team knows that reaching certification is an accomplishment that is difficult to meet with ever changing federal guidelines. The NTUA EC&L team members is dedicated and committed with each recertification process.

NOVEMBER • 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>OCTOBER 2012</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30 31</p>	<p>DECEMBER 2012</p> <p>S M T W T F S</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23/30 24/31 25 26 27 28 29</p>			All Saint's Day		
			☾ First Quarter	1	2	3
Daylight Saving Time Ends						
4	5	6	7	8	9	10
Veteran's Day	Veteran's Day (Federal Holiday)	● New Moon				
11	12	13	14	15	16	17
		☾ Last Quarter		Thanksgiving Day (Federal Holiday)		
18	19	20	21	22	23	24
			○ Full Moon			
25	26	27	28	29	30	

Meetings, Trainings, and Maintenance Notes:



Left to Right: Darrall Tillock, John Nichols, Sam Bartell

NATIVE VILLAGE OF TYONEK

Service Area: Native Village of Tyonek

Population Served: Approximately 170 customers

Nominated By: Ed Lohr, Alaska Area

SAMUEL BARTELS

Position/Title: Water Plant Operator

Samuel Bartels has been the water plant operator for the Native Village of Tyonek since 2003. He is a role model for small community system operators. He is always available for emergencies, and more importantly, works hard daily with preventative maintenance to prevent emergencies from ever happening. He also helped build every portion of the new water plant, water storage tank and new water mains in Tyonek. He was instrumental in getting operation of the complicated arsenic removal process of the new water plant functional. Mr. Bartel's cooperative work with engineers, construction foremen, and electricians has resulted in improved design and operation for other water plants. Tyonek is a community of 170 people located on Cook Inlet, and is only be accessible by boat or airplane. Tyonek is a member community in the Alaska Rural Utility Collaborative (ARUC). ARUC uses the concept of strength in numbers to provide a high level of water/sewer service at the lowest possible cost to its 23 Tribal member water/sewer systems in rural Alaska.

DECEMBER • 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>NOVEMBER 2012</p> <p>S M T W T F S</p> <p>1 2 3</p> <p>4 5 6 7 8 9 10</p> <p>11 12 13 14 15 16 17</p> <p>18 19 20 21 22 23 24</p> <p>25 26 27 28 29 30</p>	<p>JANUARY 2013</p> <p>S M T W T F S</p> <p>1 2 3 4 5</p> <p>6 7 8 9 10 11 12</p> <p>13 14 15 16 17 18 19</p> <p>20 21 22 23 24 25 26</p> <p>27 28 29 30 31</p>					1
2	3	4	5	6	7	8
Hanukkah Begins				● First Quarter		
9	10	11	12	13	14	15
Hanukkah Ends		First Day of Winter		● New Moon		
16	17	18	19	20	21	22
	New Year's Eve (31st)	Christmas Day (Federal Holiday)	Kwanzaa Begins		○ Full Moon	
23/30	24/31	25	26	27	28	29
<p>☽ Last Quarter</p>						

Meetings, Trainings, and Maintenance Notes:

DEPARTMENT OF HEALTH
AND HUMAN SERVICES
Public Health Service
Indian Health Service
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Rockville MD 20852

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