

Summary Sheet 1.16.18

Paul Iron Cloud, Oglala Sioux (Lakota) Housing (OS(L)H), saw the need to upgrade water, sewer and solid waste infrastructure to be able to build more housing and provide healthy water to the tenants. Pope Means saw the need to have a system to operate and maintain the water systems on the Reservation after Mni Wiconi was complete. He also remembered that the Mni Wiconi law had a goal of upgrading all community water systems on the Reservation and transferring them in trust to the Bureau of Reclamation to subsidize operation and maintenance.

Key issues were: aging water and sewer infrastructure and lack of proper maintenance
lack of resources for planning, replacement and improvement
need for tribal subsidies for Water, Wastewater and Solid Waste
problems with the Environmental Protection Agency
lack of infrastructure for housing and economic development

OS(L)H worked with the Oglala Sioux Tribe to remedy the problems in terms of water, wastewater and solid waste.

Accomplishments

Secured a Bush Foundation Innovation Grant to develop an entity to oversee OST Water, Wastewater and Solid Waste planning, development, operation, maintenance, etc.

Obtained designation as a Promise Zone in 2015 which opened the door to Federal assistance from many agencies

Obtained USDA WEP grant for Wounded Knee repair and expansion

Obtained USDA SEARCH grant to do the preengineering report for Red Shirt lagoon renovation

Began the 7 Years for 7 Generations effort to upgrade all community water systems. Used Mni Wiconi \$1,499,300 for 3 communities, obtained USDA grants of \$8,234,000 to fund 7 more communities and submitted USDA proposals to obtain \$23,332,339 for 8 more communities including \$15,000,000 for Pine Ridge Village.

Obtained \$240,000 EDA grant for Preengineering Reports for wastewater upgrade for 6 communities.

Obtained grants to upgrade the OST Solid Waste program including a Comprehensive Plan, equipment, expansion and construction of an operations building at Red Shirt landfill.

Studied other Tribes and towns infrastructure management systems.

Researched water, wastewater and solid waste rates.

Looked at OST ordinances, resolutions, charters, etc.

Held many meetings over the 3 years with Tribal representatives, programs, Federal programs and reservation residents.

To do:

Complete the 7 Years for 7 Generations design and construction for Stage 1 and Stage 2 communities that are funded. Follow up on funding under the USDA Native Set-Aside WEP program for applications submitted for remaining communities. Find 25% (\$3,870,000) leverage funding for Pine Ridge Village (\$15 million) to get into WEP 1780 program. Complete renovation and expansion of Wounded Knee Wastewater system. Complete Preengineering Report for Red Shirt Wastewater system. Pick A/E firm to do Preengineering Reports for 6 community wastewater systems in the EDA grant. Complete Wastewater Comprehensive Plan including rate recommendations. Complete design and construction for Red Shirt Solid Waste site and operations building. Make recommendation to Tribal Council on entity with 4 options:

WWWSW Charter; Special Tribal Program with Commission. Program would have special financial and personnel options; Special Program under OST Council Committee e.g. EBD. Program would have special financial and personnel options. With the Special Program their would be a WW&SW Director over the 3 current Directors; WWWSW Coordinator in the Planning Office. The Coordinator would not supervise the 3 current Directors but would assist them with planning, obtaining grants, doing RFP's for design and construction, liaison with the Council, collections, researching rate structures etc.

The entity would be charged with continuing to research and develop fair rates for Water, Wastewater and Solid Waste. Water: Rates have not been raised for 35 years. Currently water is charged at \$8.50 per month. Mni Wiconi states that no tribal member will be charged for water. If all the Community Water systems could be transferred to BOR then they would provide a subsidy for operations and maintenance. It might not be enough to meet the need so we need to develop a system where programs, businesses, organizations, etc. pay a fair rate for water maintenance.

The Wastewater rates have not been raised for 35 years and are \$4.25 a month. The Tribe subsidizes OST Water and Sewer each year but there is not enough money to do proper maintenance and upgrades. We are looking at a fair rate for programs, businesses, organizations, etc. to pay for operations and proper maintenance.

The Comprehensive Plan being done by OST Solid Waste will study rates and make suggestions.

Rationale

The Bush Innovation grant to develop a Water, Wastewater and Solid Waste entity ends 9/30/17. The funds are all obligated. OSLH is allowing Tom Allen to finish out the grant as part of his Grant Facilitator contract.

We are already successful with the Bush grant including the Promise Zone, 7 Years for 7Generations Community Water System Upgrades, Wastewater PER funding and Solid Waste funding and revitalization but we would like to get the water, wastewater and solid waste entity in place by 9/30/17.

The entity would support Oglala Sioux Tribe in comprehensive planning, implementation, and decision making around infrastructure development and maintenance of water, wastewater, and solid waste to coordinate with roads, housing, and economic development, make systems more efficient and effective including planning, engineering, proposal development and submission, systems monitoring, fiscal accountability, etc.

It would provide:

1. Coordination of infrastructure planning, development and expansion, operations and maintenance and replacement. Expansion of systems is needed for housing and economic development.

2. Billing and collection of Water, Wastewater and Solid Waste bills.

3. Oversight of revenues and expenditures.

4. Develop an effective system of application development, approval, management, procurement, and reporting to continue to obtain resources for Reservation infrastructure development.

5. A new rate structure that would be fair and provide funds for operation, maintenance replacement and development.

6. Human resources management to provide trained personnel for operations and

maintenance of all systems and meet staffing needs of the 3 departments efficiently.

7. Fundraising for a Coordinator and development and planning work including Preengineering Reports, proposal writing, etc.
8. Work with the OST Contracts and FAO offices to sim
9. Assure there is a Tribal owner's representative on all projects
10. Gather accessible data and assessments e.g. as built for water systems for transfer, as built for wastewater systems, assessments of wastewater systems.
12. Gather plans, as built, manuals, etc. for all reservation infrastructure systems.

Structure

1 We have developed Tribal ordinances setting up the possible entities

OST Chartered Organization
OSTWWSW Commission
OSTWWSW CEO

Business Manager/Human Resources		Planning & Development
Director of Water	Director of Wastewater	Director of Solid Waste

2 **OST Department of Public Works**
OST Executive Committee /President
OST EBD Committee or Specially Appointed Commission
OSTWWSW CEO

Business Manager/Human Resources		Planning & Development
Director of Water	Director of Wastewater	Director of Solid Waste

3 **OST Planning Office**
EBD Committee
Planning Office Director

Infrastructure Coordinator

One idea to begin with would be an **Infrastructure Coordinator** in the Planning Office who would work with the Directors of OSTDWM&C, OST W&W, OST SW, OST Roads, OST Contracts and FAO, and OSLH plus other in making sure all infrastructure is coordinated and to do planning, development and records management. We could apply for funds from the Bush Foundation or federal programs to fund the position for two or three years. Estimate would be for about \$300,000 for 2 years for salary, fringe, consultants and travel. Specific tasks would include:

- Assist OSTDWM&C, OST Wastewater and OST Solid Waste Directors with planning, funding applications, design, construction contracts, etc.
- Continue to research and develop rate structure to fund O&M, etc.
- Assure coordination is developed between OSLH, Roads, etc.
- Help set up records depository for designs, as built, etc.
- Assist with smooth coordination for effective completion of current and pending 7Y47G, Wastewater and Solid Waste Projects.

Revenue

Revenue would be through billing organizations and individuals. Billings would be separate for Water, Sewer and Solid Waste. No individual would be billed for water. The Tribe, OSLH, Schools, BIA, IHS, etc. would be billed at fair rates and businesses would be billed by usage. Water systems would either be transferred to the Mni Wiconi System and then maintained by BOR funds. Other systems would pay a maintenance fee to the Water Department. Rates would be set based on a study of what is fair and customary. The only entities billed by meter would be private businesses and livestock producers.

Sewer would bill organizations and individuals a maintenance fee. A rate study would be done to see what is fair and customary. The same would be done for Solid Waste. The Ordinance setting up the Commission would have to assure the autonomy of the organization and specify its right to collect bills from Tribal programs. It should also specify that Tribe and Tribal Court would back payroll deductions, civil actions, etc. to assure payment. The bulk of revenue for all three departments would come from agencies and programs.

One key issue beside operation and maintenance is replacement costs especially for water and sewer infrastructure. The departments could possibly build up reserves but probably not enough for major replacements. The Mni Wiconi System itself should be fine for a number of years but the Reservation Lagoon system and the communities including OSLH clusters have an upgrade estimate from \$14,000,000 to \$21,000,000 at this time. USDA, BOR, BIA, BIE, HUD, and EPA have agreements and are meeting to look into these needs. OSRWSS is putting together a proposal USDA Rural Development Water and Waste Disposal Program to upgrade the Wounded Knee Community Water System and OSLH is doing one to USDA to upgrade the Wounded Knee Lagoon. Indian Health Service provides about \$500,000 a year through its STARS system for water and sewer upgrade or new infrastructure but cannot do HUD developed facilities. The Tribe sets priorities for these funds and can get more funds if it provides other funds. A number of projects OSRWSS have tapped into this resource. EPA has also been used.

Rates

We were hoping to have recommended rates by the end of the Bush grant but it is a work in progress and we recommend that the new entity work on this. We have been studying water and wastewater rates and there is no common way that they are set.

Plans

Water The current rate on Pine Ridge was set in 1982 at \$8.25 a month. There has been a problem collecting even from Tribal programs and from businesses (Tribe is saying they will not issue a business license to businesses that owe).

The Mni Wiconi Act stated that water would be provided to Pine Ridge tribal members due to treaty promises. 8.14 Mario, can you give me a cite from Mni Wiconi law that states the water has been paid for by treaty rights or something to that effect. Preparing for public meetings and would like the actual wording you referenced at the 8/3 meeting. thanks, tom

7 Years for 7 Generations is working on upgrading all community water systems to meet standards for transfer of the system in trust to the Bureau of Reclamation for the Tribe. The BOR will then appropriate funds for operation and maintenance for OSTDWM&C just as they do for the OSRWSS trunk lines.

We are trying to develop a fair system where entities would pay a fair price for water (no individuals), wastewater and solid waste. It is estimated that with BOR subsidy for water and a rate schedule where all entities pay a fair share that there will be sufficient funds for operations,

maintenance, testing, planning, repairs, etc. of water systems. We began work with MAP, Inc. under a contract with USDA to develop a fair system where entities would pay a fair price for water (no individuals). One concern we have is that BOR is dependent on federal appropriations and we might not get sufficient funds for the system especially replacement costs.

For water we will need to compare costs with needed revenues and possible BOR reimbursements. The transfers to BOR will not occur for a number of years so a rate system needs to be developed. Payers would include:

Wastewater The current rate on Pine Ridge was set in 1982 at \$4.25 a month. There has been a problem collecting even from Tribal programs and from businesses (Tribe is saying they will not issue a business license to businesses that owe). There is no subsidy for wastewater so we need to develop a system to pay for itself. Residential, Oglala Sioux Lakota Housing, Tribal programs, Bureau of Indian Affairs including Pine Ridge School, 7 BIE Grant schools, Indian Health Service, non-profits e.g. Oglala Lakota College, Thunder Valley CDC, Lakota Fund, Post Offices, and Businesses.

Tribal Programs could be charged by buildings e.g. employees in a building. Schools could be charged by buildings e.g. employees and students. Businesses could be charged by meter.

One of the first things to be done is to do a correct profile of all users of both systems since there are disputes over who is using what and supplying what.

Solid Waste Leslie Mesteth, Director of OST Solid Waste obtained a USDA grant to do a Comprehensive Plan which will include a review of rates, revenues and operations costs.

Infrastructure Accomplishments Related to Water, Sewer and Solid Waste since Bush Grant funded 10.25.17

Grant Activities

Organization Name: Oglala Sioux (Lakota) Housing (OSLH) 8/1/14 to 9/30/16

Request ID: 30056 Makoce Na Mni Waste (Good Earth and Water) \$170,247

Key Activities

- **Conduct research on other tribal and municipal systems.**

Did preliminary research on Eagle Butte, Rosebud, and Sisseton.

Gathered information from Cheyenne River Reservation.

Gathered information from Sisseton-Wahpeton Reservation.

Got contacts for Winnebago Nebraska.

Data collected since 11.12.15 : OST Dept of Transportation: Long Range Transportation Plan; OST Rural Water: M-M engineering firm willing to share Record Drawings and shape files/have map of OSRWSS Core Line and WTP Fiber optic System; IHS willing to share paper, electronic of rural water lines; OST Water Code : NIJC Water Code

- **Hold a series of stakeholder focus groups.**

Developed RFP and worked on getting contract to do stakeholder focus groups.

Contracted with Thunder Valley CDC to do stakeholder groups.

Sent update to main stakeholders in 7.16 and 8.17

- **Hold education and planning sessions with the Tribal Council, Housing and other Boards and administrators.**

8/14 Did public Announcement and Press Release

11/15 Provided Information to OST Tech Team Meeting
12/14 SD Rural Water Sustainable Management of Rural and Small Systems
Training/Rural and Small Systems Guidebook to Sustainable Utility Management (Vince Martin,
Doyle Pipe on Head, Bob Pille, Tom Allen)
12/14 Bush Kickoff Participants: Bill Hillman, OST Water and Sewer; Willard Clifford,
OSDWMC; Rich Kammerzell, OSDWC; Vince Martin, OSLH; Doyle PipeOnHead, OSLH;
Denny Davis, SDRWA; Sharice Davids, TVCDC; Robert Pille, OST Solid Waste; RJ Inskip,
MAP; Rilda Hill, OST Water and Sewer. (notes sent to: Pope Means, Raine Little, Dale Young,
Nick Tilsen, TVCDC, Mason Big Crow, OST Treasurer.)
11/15 Collaboration meeting in Kyle with all stakeholders including EBD
Committee Chair and Coordinator.
11/14 Presented Bush Innovation Grant, community upgrades and Housing Plan to
Tech Team
4/15 Meetings with TVCDC discuss overview and proposal; OST Water & Sewer, OST
Solid Waste and IHS representative ; OST Executive Director on approval to work with OST
directors ;OST DWM&C with Willard Clifford discussed transfers & workflow.
6/15 Meeting @ Mni Wiconi Rural Water- Kyle with Frank Means discuss commission
7.15 Meeting Leslie Mesteth, OSLH; Doyle Pipe On Head, OSLH; Vince Martin, OSLH;
Ernie Little, OSLH; Pope Means, OSRWSS; Willard Clifford, OSDWM; Liz Welch, TVCDC;
Alana Cannon, USDA. to review Bush grant, programs, overall infrastructure and promise zone
8/15 Meeting @ OSLH board meeting update.
Meeting @ Thunder Valley, joint EB&D /HHS committee meeting. Kathleen Ferguson
form the White House Domestic Council, Alanna Cannon & Tim Potts from the
USDA got an update from Thunder Valley to the council.
Meeting @ Spearfish OSLH report to the HHS committee. Gave them update on the
BUSH grant
Meeting @ OSLH, OST presidents planning committee meeting.
11/16/15 Makoce Na Mni Waste (Good Earth and Water) Collaboration Meeting
7/15 met with USDA Promise Zone rep Alana Cannon
7/15 Meeting with OST Solid Waste Director on services and funding information
7/15 Meeting OST President Planning Commission
9/15 Meeting OST Solid Waste with resigning director
9/15 Meeting w/Executive Director, need to get directive for the email address for the
District Cap office so we can correspond w/ every district.
9/15 Meeting @ OSLH department head meeting to go over the FEMA plan. Second
meeting to discuss strategy.
9/15 Meeting @ Rural Water O&M- Chuck Jacobs, the new Director trying to work out
our collaboration.
9/15 Had a board meeting today to discuss the FEMA project. They made a motion to go
forth and accept the FEMA contracts on Monday. Then had an employee appreciation dinner in
recognition for the Maintenance crews completing the Cherry Hill project
10/15 OSRWSS Federal Consultation in Rapid City which include representatives of
all tribal stakeholders.
11/15 Makoce Na Mni Waste (Good Earth and Water Collaboration Meeting included
OST Utilities, OST EPD Coordinator, Thunder Valley CDC, OSLH, OST Council
Representatives, OST Transportation, OST DWM&C, NEE, OST Solid Waste, OSRWSS,

OST Water and Sewer and mitom,inc Reviewed Bush grant.

12/9/15 Infrastructure Meeting 9AM-4PM @ Prairie Winds. Coordinated by Beau White, OST Utilities Commission Director, OST Executive Director, Oglala Sioux Lakota Housing

“We need to create a map of some or some sort of legend for all the underground pipelines that include water and sewer.” Darrell Brown Bull, OST Executive Director.

OSLH, mitom,inc; OST Land, OST EB&D Committee; OSRWSS, M-M; OST DWM&C; IHS; Thunder Valley; SuAnne Big Crow Center; USDA; NEE; FEMA; OST FEMA.

Native Education Endeavors ; Norman Thideman, FEMA.

1-3/16 Meetings with OST/PZ Infrastructure group and OST Planning Committee

4/13/16 Meeting of Tribal/Federal Infrastructure Group in Rapid City, SD

Participants: OST Utilities Commission; OST EPD Coordinator; Thunder Valley CDC; OSLH; OST EPD Member; OST Transportation; OST DWM&C; OSRWSS; OST Solid Waste; OST Water and Sewer; mitom,inc.

8.12.16 #: Bush Work Session on Wednesday 8.17.16 at OSRWSS Conference Room Kyle 9AM to 4PM to: Chuck Jacobs, Pope Means, Willard Clifford, Leslie Mesteth, Arlene Catches the Enemy, Liz Welch, Jenn Irving, John Glover from: tom allen 605-641-4433 This is a work session. We will be gathering info, discussing options, etc. We have requested an extension to 12/31/16 so we can present our findings to the new Tribal Council. Agenda: 9AM

Invocation, Introductions, Status of Bush Grant, Reports from programs and consultants 1030 Break 1045 Discuss ordinance and entity

12-130 Lunch provided at Lakota Prairie 130 Discussion of rates Strategy for input and presentation 215 Break 230 Action planning 4PM Conclusion and Prayer

Things to bring: Work plan for this year. Budget and revenue source; Rate schedules

9/8/16 Integrated Infrastructure and Land Use Working Group from Tribal/Federal Meeting, Rapid City, SD.

12/21/16 Sent Stakeholder Update to All Parties Tribal and Federal On 7Years for 7 Generations; Wastewater; Solid Waste; Structural Fire Protection; OST Roads, Manderson Mitigation and Bush Grant progress.

2/28/17 OST Tribal Council: Presented 7Y47G and Bush Grant update.

2/9/17 Bush Meeting: Participants: OSRWSS, OSTDWM&C, USDA, IHS, OSLH, OST Water and Sewer, OST Solid Waste, MAP Inc, USDA, BOR, TVCDC. Reviewed LeAnn Kerzman rate study and gave info on ordinance, web site, stakeholder meetings, prep for OST Council, need for a Coordinator, talked about entities,

3.6.17 #: Bush Innovation, 7Y47G, Wastewater and Solid Waste Things Update

to: Pope, Chuck, Bill, Leslie, RJ, Willard, Craig, Alana, Jennifer, John, Dave, Tiger, James from: tom

4/13/17 1-2:30 pm OST- Federal Conference Call Participants - Feds: Chris Haines, BOR; Joe Kirk, USDA; Cynthia Cody, EPA; Alana Kuhn, USDA; Amy Swanson, EPA; Mike Boland, IHS. OST: Pope Means, OSRWSS; Leslie Mesteth, OSTSW; tom allen, OSLH; Chuck Jacobs, OSTDWM&C. Update on 28 infrastructure projects for water, wastewater and solid waste; Public Works Commission update; need help to amass information, etc.; Bush Grant update; sources of funds.

4.24.17 Bush Meeting: OST Planning Office (Dr. Z, Alf, Holley Richards - Comm Dev Officers –planning and proposals, Danae), Leslie, Bill, Pope, Chuck, Jennifer, tom, Need to do community upgrades so we can transfer systems to finish Mni Wiconi; Need Program Manager, Legal, Engineer, Easements; request to work with Marty Frogg in OST

Contracts/Compliance Office; use NAA for easement prep and Level III culturals; MPO from DOT with \$50,000 contract to do planning; International Building Code 2015; Solid Waste RFP's done for USDA; Oglala and Kyle lagoons need expansion. Leslie USDA got 3 RFP's done

5/4/17 Oglala Sioux Tribe Federal Interagency Consultation 5/4/17 Conference call
Josiah.Griffin@osec.usda.gov 202-205-2249 U.S. Department of Agriculture Office of the Secretary : Opening Prayer- Frank "Pope" Mean; Opening Remarks- OST President Troy Scott Weston; Seven Years for Seven Generations Update- Frank "Pope" Means; Robin Tapio Pine Ridge state of emergency/study arsenic; Key needs for federal support- Tom Allen; Syed Huck \$67 m 5 communities; Questions and Answers for Federal Partners- USDA OSEC; OST Closing Remarks- OST President Troy Scott Weston :policies make sure we can't do our jobs/tell us what we can do/FEMA trailers formaldehyde;Federal Closing Remarks- USDA OSEC; Closing Prayer- Robin Tapio, OST Councilwoman sang a song; **Attachments:** 1Project Narrative2Discussion Paper 3. Community Systems Drinking Water Cost Summary 4 Notes for Cost Summary 5.Check List for Planning Schedule 6. FY-17 House Appropriations Committee Report Language. **Participants:** USDA Secretaries Office and RD; BIA; HUD; EPA; BOR; IHS; OST President; OST DWM&C; OSRWS, etc.

8.3.17 7 Years for 7 Generations Project Organizational/Planning Meeting
He Sapa College Center 127 Knollwood Dr. (East of Mother Butler Center) Rapid City, SD
Participants: Dr. Zephier, President Weston, Council members Sonia Weston, Lisa DeLeon, Jackie Siers, Alana Kuhn, Dale Young, Craig Nowak, Pope Means, Mario Gonzalez, Mike Boland, James Begeman, Chris Haines, Leslie Mesteth, Tim Potts, Mary Irving, Olivia Grass, Bill Hillman, Chuck Jacobs, VP Darla Black, tom allen, Tyrell Pierce, Brian Ring.
Agenda : Updates on all Stages and discussion of USDA grant implementation, design, easement, funding for Pine Ridge Village and BOR transfers.

- **Developed a website to house the information.** Went online 4/22/16. See oslh.org
- **Research all possible funding sources for operations, replacement expansion revenue including user fees, maintenance fees, bonds, federal funding, etc.** Became a Promise Zone in 2015 and obtained funds from USDA. Obtained funds from USDA, BOR, EDA, IHS, etc.
- **Pass a Tribal Ordinance legally setting up the Commission to oversee water, sewer and solid waste using an appropriate organizational structure.** Contracted with NEE (Salish attorney and BHSU professor, Dr. John Glover) to do legal work. Reviewed OST documents including OST Utilities Commission Ordinance and Code 09-11; OST Resolution 97-74 establishing Environmental Health Technical Team; OST 07-25Uniform Business and Commercial Code; OST Solid Waste Plan 09.
- **Gather accurate demographic, land, environmental, engineering information to base a plan on.** Held Infrastructure meeting on 12/9/15 with all tribal and other programs involved with infrastructure on mapping of underground system. Did Preengineering Reports for 17 community water systems.Gathered Records (see Journal)
- **Develop a comprehensive plan for all three areas including operations, maintenance, replacement and expansion.** Had OSLH representatives and OST Directors of OST Water Maintenance and Conservation, OST Water and Sewer and OST Solid Waste attend SD Rural Water Association planning training on 12/9/14.
12/10/14 Held Bush Kickoff with the following: Bill Hillman, OST Water and Sewer; Willard Clifford, OSDWMC; Rich Kammerzell, OSDWC; Vince Martin, OSLH; Doyle

PipeOnHead, OSLH; Denny Davis, SDRWA; Sharice Davids, TVCDC; Robert Pille, OST Solid Waste; RJ Inskeep, MAP; Rilda Hill, OST Water and Sewer. (notes sent to: Pope Means, Raine Little, Dale Young, Nick Tilsen, TVCDC, Mason Big Crow, OST Treasurer.) Defined key needs:

Water

Completed Mni Wiconi Water project bringing water Missouri River to Lyman-Jones, Lower Brule, Rosebud and Pine Ridge Reservations.

Passed Tribal Resolution 16-52 which approved 7Y47G, prioritized Pine Ridge Village and asked the all the government agencies involved to assist with a special effort on Pine Ridge Village in line with the Interagency Task Force on Sustainable Infrastructure and 2013 MOU on Providing Infrastructure and Sustainable Practices for Drinking Water and Basic Sanitation.

Used \$1,499,300 from Mni Wiconi to do MOA with IHS to do design and construction for Manderson, Sharps Corner and Oglala North community water systems(Stage 1 7Y47G).

Obtained \$1,304,000 from USDA to upgrade Wounded Knee water system (Stage 2 A).

Obtained USDA grants (7/17)to upgrade water systems: Wanblee \$2,000,000;Porcupine \$1,401,000;Allen \$1,846,000;Wakpamni Lake, Wolf Creek, Potato Creek \$1,683,000.

Submitted applications to USDA(2/21/17) to upgrade water systems for Evergreen \$1,335,113; Kyle \$2,435,113; Red Shirt \$1,761,113; and Red Rocks, Martin North, Sunrise \$1,801,000.

Submitted application to USDA (8/23/17) to upgrade water system for Pine Ridge Village \$15,000,000.

Submitted application to USDA (9/14/17) to upgrade water system for Oglala Community \$1,000,000.

Wastewater:

Oglala Sioux (Lakota) Housing is upgrading and expanding Wounded Knee Lagoon with a USDA WEP grant and has an MOA with IHS design and construction contract management \$1,435,993.

OSLH has completed a \$30,000 SEARCH grant for Red Shirt Lagoon Preengineering Report contracted to Louis Berger. PER complete and will be given to OST to decide when to submit for a WEP grant.

IHS is doing a \$400,000 study of the Pine Ridge Village wastewater collection system and improving the lagoon system and lift station.

OST obtained \$240,000 EDA grant to assist with Preengineering Reports for 6 community wastewater systems upgrade: Kyle, Allen, Evergreen, ; Oglala, Wanblee, and Sharps Corner.

Solid Waste

Obtained 3 hook trucks, 3 compactors and a grapple from Tribal bond.

Obtained a USDA SEARCH grant for \$150,000 to do a Comprehensive Plan for Solid Waste. Contractor is Louis Berger.

Obtained USDA \$1.85 million grant and IHS \$1.3 million grant to expand the Red Shirt landfill, build an operations building and buy equipment.

Completed items from Corrective Action Plan from Environmental Protection Agency: new and repaired gates and fencing around Red Shirt landfill; daily cover of new waste; graded and repaired berm; repaired leachate collections system, storm water and piping;

committed to adequate staff, advertised for a scale house; established a waste screening plan; obtained resources for a new cell and maintenance building.

Had 1% added to TERO fee of which 1% goes to solid waste.

Easements

Contracted with AMDA (Dale Young) to deal with new BIA easement process and do easement work for all water and wastewater projects.

Structural Fire Protection

OSLH/OST worked on \$1 million grant over 3 years to begin OST Fire Department. OST received the first installment of \$333,334 of a \$1 million.

Resourceful

Trying to work with the Bureau of Indian Affairs to implement one of their major 8 goals in their Strategic Plan 2014-2018 Mission Area: Ensuring health watersheds and sustainable, secure water supplies/Goal: Availability of water to Tribal Communities. Strategy: Improve infrastructure and operational efficiency of Tribal water systems.

Trying to get government to utilize the following to help fund Pine Ridge Village. If other agencies provide 25% of the cost then we can access the regular USDA WEP program which has major funds. Inter-Agency Task Force Federal Partners Steering Committee Sustainable Infrastructure HHS(IHS), EPA, USDA (RD), HUD, HHS (IHS),DOI(BIA) MOU 2003,2007,2013 and MOU FEDERAL GOVERNMENT EFFORTS IN PROVIDING INFRASTRUCTURE AND PROMOTING SUSTAINABLE PRACTICES TO SUPPORT THE PROVISION OF SAFE DRINKING WATER AND BASIC SANITATION IN AMERICAN INDIAN AND ALASKA NATIVE COMMUNITIES MOU3/13