



A Vision for the Future

Lewis & Clark Rural Water System

EXPLORER

CONSTRUCTION BEGINS ON RWP-2

An \$8.9 million contract was awarded in August to High Country Pipeline of Penrose, Colorado, to construct segments two and three of the Raw Water Pipeline (RWP-2 and 3) near Vermillion. Catching a dip in steel prices, Lewis & Clark officials were pleased the bid was well below engineering estimates. This contract for close to seven miles of 54" diameter (largest used in the system) steel pipe will complete the Raw Water Pipeline, which is a term used to describe the pipe that will transport untreated water from the well field to the treatment plant. The purchase option for the treatment plant site was exercised in September, so Lewis &



54" diameter steel pipe being lowered into the 11 foot deep trench on RWP-2 along Highway 19

Lewis &



Push-on joint pipe being lined up on RWP-2

Clark now owns the 146 acre site three miles north of Vermillion along Highway 19.

Trenching and installation of pipe started on October 11. High Country Pipeline plans to complete RWP-2 this fall, as well as the borings for the highway, railroad, and stream crossings on RWP-3. They will then

complete construction of RWP-3 this spring.

Looking ahead, the next contract that will be awarded this winter is for the first segment of the Treated Water Pipeline, which runs from 12th Street west of Sioux Falls south to Tea. This segment will include nine miles of 48" and 36" diameter pipe.

CHAIRMAN'S REPORT



Chairman
Charlie Kuehl

In the excitement of construction, something that does not get much attention is the importance of land acquisition to the success of Lewis & Clark.

Without the easements to construct the pipeline, there would be no project. We are often asked about the land acquisition process, so I want to share some thoughts on what can be a sensitive issue.

During construction of the pipeline we need both permanent and temporary easements. The width of the easement depends on the diameter of the pipe. In some cases, we must also acquire land for pump stations and reservoirs. Compensation is provided for land, easements and crop damage.

Because Lewis & Clark receives federal funds, we must follow the Uniform Relocation and Assistance Act of 1970 that protects the rights of the landowner by outlining specific procedures with regard to appraisals, negotiations, and compensation. Along the

way, Bureau of Reclamation officials provide close oversight and guidance to the process.

In addition to following the federal regulations, we are committed to treating landowners with the utmost respect, fairness, honesty and professionalism. These principles reflect the character of those on the Lewis & Clark board and staff, but there is also a practical reason for this commitment. With over 2,000 easements to acquire, to do otherwise would only cause problems and delays. These are points that were stressed at a landowner open house that was held in Lennox on September 22.

I am a farmer and many involved with Lewis & Clark have farm backgrounds. We are very sensitive to the private property rights of the landowner and work hard to address their questions and concerns in order to reach agreement. An example of this is that we recently modified our standard easement agreement to include changes requested by various landowners. These changes more clearly define our plans and intentions.

When it comes to compensation, we want to ensure landowners are treated fairly, but we also need to be good stewards of the local, state, and federal taxpayers' money that has been entrusted to us. It is a responsibility we take very seriously.

There are many benefits to the landowner in addition to the compensation. For those landowners who are served by a rural water system that is part of the project, they will receive water from Lewis & Clark. Other landowners benefit from seeing their neighboring towns and rural areas continue to grow and thrive. Most importantly, landowners will know they are doing something that is helping others. The improved quality of life and increased economic development opportunities provided by Lewis & Clark will have a profound effect on the region. While it is not always easy for us to do something to help others, it is a calling we cannot ignore. We are very thankful to the many landowners who have already provided easements and to those who will in the future. They are leaving a lasting legacy for generations to come.

WORK NEARING COMPLETION ON RWP-1

Winter Brothers Underground of Sioux Falls is almost finished with the first segment of the Raw Water Pipeline (RWP-1). This \$1.85 million contract was to be completed by September 30, but an extension to November 15 was granted because of a delay involving the pipe coating. A polyurethane coating was applied to the pipe at the factory in South Carolina to give it greater corrosion protection. After the steel pipe sections had been delivered to the work site, much of the pipe had to be returned to the factory for recoating because it did not meet the minimum required thickness of thirty mills. The pipe manufacturer accepted full and complete responsibility and worked hard to resolve the problem to Lewis & Clark's satisfaction. While this was unfortunate, the good news is that the problem was discovered and fixed.



First joint of pipe (30" diameter), with an air release valve vault in the background

HOUSE APPROVES \$17.5 MILLION FOR LEWIS & CLARK

Newly elected South Dakota Representative Stephanie Herseith held a roundtable discussion with Lewis & Clark officials on June 21. It was an opportunity for Herseith to provide a status on the Energy and Water Appropriation bill that was nearing completion in the House of Representatives, as well as

learn more about the project's construction schedule in order to convince her colleagues of the funding needs. Herseith reiterated her strong support for Lewis & Clark and indicated she would work hard to promote the project and secure funding. Executive Director Troy Larson participated in a follow up meeting Herseith held on June 29 with a number of Sioux Falls city and business leaders to discuss the importance of Lewis & Clark to the continued long-term economic development of the city and region.

The House of Representatives later passed the Energy and Water Appropriation on June 29. This legislation included \$17.5 million for Lewis & Clark, which matches President Bush's request in his FY05 budget. In order to keep construction on schedule, Lewis & Clark officials requested \$35 million. While there is a ways to go to reach that level, \$17.5 million is a good start and puts the project in a much better position

heading into the Senate than last year. Lewis & Clark officials expressed their thanks and appreciation to its House delegation. With the vacancy

the effort in the House. Congresswoman Herseith made Lewis & Clark funding a high priority during her first weeks in office.



Representative Herseith meets with Lewis & Clark officials

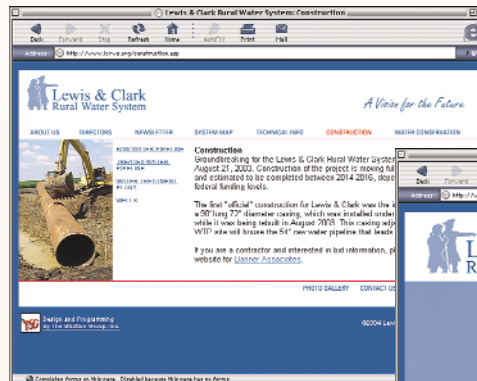
in South Dakota for the first half of 2004, Congressmen Gutknecht and King provided effective leadership and steadfast support in spearheading

The Senate started working on their version of Energy and Water Appropriations in September. Currently, the contentious Yucca Mountain nuclear waste depository issue is holding up the bill. Senators Daschle, Johnson, Grassley, Harkin, Dayton, and Coleman have each pledged to work hard to increase the funding level for Lewis & Clark contained in the House bill.

Congress was unable to pass the FY05 Budget before adjourning in October, so a Continuing Resolution was passed that will fund Lewis & Clark through November 20 at the same level as FY04. After the election, Congress will resume their work on the FY05 Budget.

STAY INFORMED ONLINE

Lewis & Clark's web site (www.lcrws.org) also went under construction in a recent revision by The Stratton Group, Inc. The web site features a director listing, construction updates, technical information, newsletter archives, photo gallery and much more. Visit us online today.



MEMBER PROFILE: TEA, SOUTH DAKOTA

Two words have defined Tea the last few years – phenomenal growth. Tea is located about five miles southwest of Sioux Falls in Lincoln County. With a 31.4% increase in housing units from 2000 to 2003, Lincoln County was recognized this summer by the U.S. Census Bureau as the fastest growing county in the United States. Tea is helping lead the way with that growth. Since 2000, Tea's population has increased from 1,742 to 2,600. While many small communities in the region are closing their schools, Tea created a new school district in 2003. A new high school is scheduled to open in the fall of 2005.

Tea receives all of its water from Lincoln County Rural Water System, who is also a member of Lewis & Clark. Such rapid growth is taxing Tea's water supply. Tea's average annual use in 2002 was 50 million gallons and is projected to be 100 million gallons by 2012. A 20 year water and sewer master plan is nearing completion. In an effort to ensure growth is not stifled in a few years by the lack of water, various short-term solutions are being discussed to address Tea's critical water needs.

Sid Munson was appointed to the Lewis & Clark Board in March 2003. After serving as Tea's water and wastewater superintendent for 22 years, Sid joined the SD



Sid Munson

Association of Rural Water Systems in 2000 as a circuit rider. He also serves on the Tea City Council. A native of Milbank, SD, Sid is married and has three children and three grandchildren. He is an avid golfer and a pool shark.

EXECUTIVE DIRECTOR'S REPORT

There is a saying "many hands make light work." Lewis & Clark is a tri-state project, whose mission of providing a source of drinking water to the region transcends state lines and party lines. While the early days of Lewis & Clark may have been marked with the members of the South Dakota congressional delegation carrying most of the water, we continue to be encouraged with



Executive Director Troy Larson and Representative King

the increasingly strong support and active leadership from our elected leaders in Iowa and Minnesota. A few recent meetings highlight this point.

At Congressman Steve King's request, I met with him in his Sioux City office on June 30 to discuss the status of Lewis & Clark's membership and construction schedule. He indicated his desire to do whatever possible to help keep the project and membership moving forward together. We also discussed our FY05 funding needs.

Directors Dan Zulkosky and Scott Wynja, Sibley Mayor Jerry Johnson, and I attended a public meeting Senator Chuck Grassley hosted in Sibley on July 28. During the meeting, Grassley reiterated his strong support for Lewis & Clark, and said he would do whatever he could to support our funding request in the Senate.

In Luverne on August 31, a group of twelve Lewis & Clark officials from Minnesota met with two members of Congressman Gutknecht's staff at their request. We provided them with additional background information on the

project and water needs in the area. They expressed Gutknecht's continued support.

In each meeting, we had the opportunity to thank these elected leaders in Iowa and Minnesota for helping make the dream of Lewis & Clark into a reality. Their effective

leadership, along with the steadfast support of Senators Harkin, Dayton, and Coleman, is important to continuing to move the project forward. This in no way diminishes the vital leadership role of the South Dakota delegation, but rather points out the unique nature of Lewis & Clark. Although "light work" will probably never be



Senator Grassley (center) with Zulkosky, Mayor Johnson, Wynja, and Larson

used by our elected leaders to describe Lewis & Clark, there is no doubt that having three state delegations pulling together lightens the load.

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ENGINEERING NEWS AND NOTES

By David Odens, Project Engineer

Engineering activities are in full gear. The Engineering Team has been involved in preliminary design of the treatment plant, preliminary and final design of Treated Water Pipeline (TWP) and construction engineering services on the Raw Water Pipeline. We have also provided support to the Land Acquisition Team.

Well Field Testing:

Previous test drilling and pumping have concentrated in the Mulberry Point area. A secondary well field is in the area north and west of Mulberry Point. Two monitoring wells will be installed in this area in October to confirm type of material in the aquifer and potential yield

mission pipeline from the treatment plant to Sioux Falls. The status of the various pipe segments is as follows:

TWP Segment 1: 36" and 48" pipeline from Minnehaha Community Water Company's connection adjacent to Highway 42 (W. 12th St.) to Tea (273rd St.).

It is anticipated this segment will be awarded this winter.

TWP Segments 2 and 3: Segment 2 will run from Tea to Lennox and Segment 3 will extend from Lennox to Highway 18. Final design of the 48" pipeline is currently underway. It is anticipated these two segments will be combined into one contract for award in early summer 2005.

TWP Segment 4: 36" pipeline from W. 12th St. north to Benson

Rd. Sioux Falls will be responsible to construct a pipe from this point to its water purification plant. Preliminary design is underway. It is anticipated this segment will be awarded in late summer 2005.

TWP Segment 5: 48" pipeline from Highway 18 to Highway 46 near Beresford. Preliminary design is underway. It is anticipated this segment will be awarded in late fall 2005. The schedule for Segments 4 and 5 may be interchanged depending on availability of easements and/or funding.

TWP Segment 9: 24" and 30" pipeline from the junction with the main 48" trunk line in the Tea area east to the SD/IA border at the Big Sioux River crossing. The Engineering Team is in the process of selecting a route for this line.



Banner Inspector Lynn Hjellming next to a 48" diameter gate valve that was installed on RWP-1

capability. The two monitoring wells will be left in place for use during construction of a production pump test well planned for 2005.

Water Treatment Plant Pre-Design:

Banner and HDR are proceeding with pre-design for the treatment processes and hydraulics, building layouts and floor plans for the process enclosure, administrative facilities and maintenance areas, and site layout and grading. Conceptual drawings and rendering of the major structures at the site have been prepared. A Value Engineering review has been scheduled for the week of January 31.

Treated Water Pipeline Design:

The Board approved Service Order No. 6 in August, which primarily includes engineering services for the main trans-

NEW DIRECTOR APPOINTED FOR SIBLEY, IOWA

The City Administrator for the City of Sibley, Dan Zulkosky, was appointed as a Director for the Lewis & Clark Rural Water System by the Board this past July.

Dan replaces Denny Davids,

who recently resigned from the Board. Denny initially planned to stay on the Board after retiring from his position with the City, but decided later it was best to step down. Everyone associated with Lewis & Clark extends their heartfelt thanks and appreciation to Denny for his many years of leadership on the Board. He has done much to help bring Lewis & Clark to where it is today and will be greatly missed.

Dan is a native of Sauk Rapids, Minnesota, and attended St. Cloud State University. Before coming to Sibley a year ago, Dan was the City Administrator and Public Works Director for fourteen years in Wakefield, Nebraska, so he brings a great deal of public utilities knowledge and experience to Lewis & Clark.

Dan and Joyce have been married for 32 years and have three sons and one daughter. They love to travel and are long-time Viking season ticket holders. Welcome aboard, Dan!



Dan Zulkosky

RAW WATER PIPELINE CONSTRUCTION



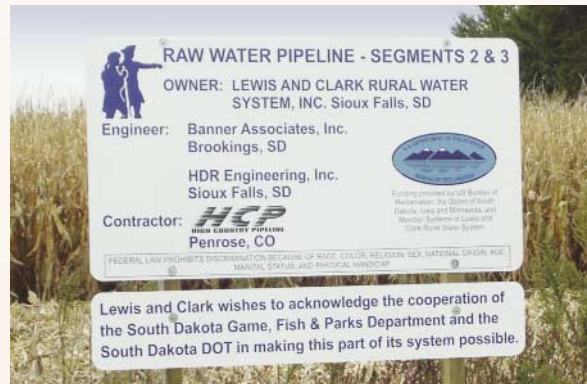
Installation of a 30" diameter gate valve assembly on RWP-1. The valve assemblies will be enclosed in concrete vaults.



A side boom crane moves a 40 foot long section of 54" pipe on RWP-2. The excavator uses a mining grade bucket that holds 7 1/2 yards of material.



A 40 foot section of 48" diameter steel pipe being installed on RWP-1



Lewis and Clark wishes to acknowledge the cooperation of the South Dakota Game, Fish & Parks Department and the South Dakota DOT in making this part of its system possible.

Sign for Raw Water Pipeline - Segments 2 & 3

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