



Lewis & Clark Rural Water System

EXPLORER

PIPELINE CONSTRUCTION IS UNDERWAY

Construction of the Lewis & Clark Rural Water System is underway and moving full speed ahead! The first official construction took place in August 2003, with the installation of a large casing under Highway 19 leading to the water treatment plant site, located three miles north of Vermillion, SD. However, June 14, 2004, marked the first day that actual water pipeline was installed. The steel pipe for Raw Water Pipeline Segment 1 was shipped on eighteen railcars from a factory in South Carolina to Vermillion.

Winter Brothers Underground out of Sioux Falls is the general contractor for the \$1.85 million project. This mile and a half segment of pipe will lead from the well fields adjacent to the Mis-

souri River to the northern boundary of the Frost Game Production Area, along Highway 19. The diameter of pipe that will pri-

and to the South Dakota Department of Transportation for their assistance in securing the necessary right-of-ways and permits.



The very first section of Lewis & Clark water pipeline being constructed on June 14 at the Mulberry Point well field, just west of the Vermillion-Newcastle Bridge.



A portion of the pipe arriving by rail in Vermillion.

marily be used is 48", with some 36" and 30" as well. September 30, 2004, is the deadline for completion. Lewis & Clark expresses its thanks and appreciation to the South Dakota Division of Game, Fish & Parks for providing the well field and pipeline easements,

The contracts for Raw Water Pipeline Segments 2 and 3 are planned to be awarded in July 2004. These segments, which will complete the Raw Water Pipeline with close to seven miles of 54" pipe, will lead from the Frost Game Production Area to the water treatment plant site.

CHAIRMAN'S REPORT



Charlie Kuehl

The recent special election to fill South Dakota's congressional seat gave us a unique opportunity to promote Lewis & Clark to some high-ranking officials, and the fall election will undoubtedly provide similar opportunities.

On behalf of Lewis & Clark, our sincere congratulations to newly elected Congresswoman Stephanie Herseth, who already has been working hard on Lewis & Clark's behalf in the short time she has been in office. We look forward to working closely with her to continue moving the project forward. During the course of the campaign, we

appreciated that both Herseth and Larry Diedrich expressed strong interest in and support for Lewis & Clark, which helped reinforce the importance of the project. The meetings they participated in with Chairman Dave Hobson and Congressmen Steny Hoyer and Mike Thompson in the Sioux Falls area went very well and helped us explain the importance of the project to the tri-state region and keeping construction on schedule. Each of these distinguished gentlemen voiced their support for the project and commitment to do whatever they could to help secure funding in the House.

The House Appropriations Committee later approved \$17.5 million for Lewis & Clark, matching the President's FY05 Budget request. This is a good

start and puts us in a better starting position than last year, but we still have a ways to go to reach the \$35 million level needed to keep construction on schedule. A special thanks goes to Congressmen Gutknecht and King for stepping up their efforts on our behalf in the House during this transition. They certainly stood in the gap. We look forward to their continued steadfast support and effective leadership.

When it comes to the importance of providing water for our everyday needs, something we often take for granted, there are no state lines or party lines. A hallmark of Lewis & Clark's success has been its strong bipartisan support. These recent meetings were another indication of that.

14TH ANNUAL MEMBERSHIP MEETING HELD

The 14th Annual Membership Meeting, held at the Sheraton Hotel in Sioux Falls on May 27, was a big success. There were 130 in attendance, the biggest crowd yet for an annual meeting. The construction theme decorations and slide show that played during the meal highlighted the progress being made. Congressman Steve King from Iowa spoke during the program and reiterated his strong support for the project. He noted the positive impacts Lewis & Clark will have on the quality of life and economic development throughout the tri-state region. Staff members provided words of support and praise from Senators Daschle, Johnson, and Congressman Gutknecht. Greetings of support and encouragement were also read from Senators Grassley, Harkin, Dayton, and Coleman. Chairman Charlie Kuehl and Executive Director Troy Larson provided reports on the project's progress. During the election of directors, Scott Wynja from Sheldon and Denny Davids from Sibley were elected to one and two year terms



Representative Steve King

respectively. The following directors were elected to three year terms; Charlie Kuehl, South Lincoln RWS; John Buss, Minnehaha Community Water Corp; Kevin Smith, Sioux Falls; Bill Heyer, Madison; Roger Lamp, Lincoln County RWS; Mary McClung, Harrisburg; and Lori Wolkow, Boyden. An added attraction was the Bureau of Reclamation's Centennial Trailer, containing a traveling exhibit that shows the history of the Bureau's projects in the region.

Prior to the Annual Meeting, a Special Membership Meeting was held to vote on a number of bylaw changes, which were all approved. Most involved amending and clarifying existing language that dealt with issues like transfer of membership, cancellation of membership for nonpayment of dues, and notice of board and committee meetings. The biggest change involved deleting a membership withdrawal provision.



Lincoln Co. RWS Director and Lincoln Co. Commissioner Otto Hagedorn and L&C Director Ben Bjordal from Centerville

CONGRESSIONAL LEADERS LEND SUPPORT FOR LEWIS & CLARK FUNDING

Lewis & Clark officials recently had the chance to promote the project to Congressmen Dave Hobson, Steny Hoyer, and Mike Thompson. They were excellent meetings and provided a unique opportunity to gain additional funding support in the House.

Chairman Hobson from Ohio chairs the Energy and Water Development Appropriations Subcommittee. This Subcommittee determines Lewis & Clark's initial funding levels in the House. Lewis & Clark officials met with him in the Sioux Falls area on May 26. Congressman Gil Gutknecht of Minnesota and congressional candidate Larry Diedrich joined the Chairman in meetings that focused on the urban and rural impacts of Lewis &



Mayor Munson, Chairman Hobson, Rep. Gutknecht, and Larry Diedrich

Clark, as well as project funding. Dennis Kern, who is a key staffer for the Subcommittee, joined Hobson. Three Bureau of Reclamation officials also participated, including Jari Beek, the Deputy Regional Manager from Billings.

Sioux Falls Mayor Dave Munson and other city officials first met with the Chairman to discuss their ever growing water needs. Mayor Munson stressed the importance of keeping construction on schedule. The officials then drove through Tea to see the booming growth taking place. Seeing the growth in Tea and Sioux Falls highlighted the need for a timely source of additional water. At the-

Great Plains Ethanol plant near Chancellor, which is served by the South Lincoln RWS, SLRWS officials discussed the partnership of rural water and value-added agriculture, as well as the importance of Lewis & Clark to meet the growing agriculture and residential demands of the area. Officials from Lincoln-Pipestone Rural Water, Rock County Rural Water, and Luverne described the water problems they are experiencing in southwest Minnesota, and the adverse impact it has on agriculture and development. Gutknecht touted the benefits of Lewis & Clark, and noted his efforts to help his

colleagues understand the water supply and quality problems in the region.

The Chairman talked about how helpful it is for him to see and hear about projects first hand. He indicated he believes that the federal government should complete projects already

underway like Lewis & Clark, before beginning new ones. Hobson also talked about the importance of completing projects as soon as possible in order to avoid the increasing cost of inflation. He also praised the efficiency and effectiveness of pooling resources for a project like this instead of each member going at it alone, and that this type of cooperation among federal, state, and local governments should be encouraged.



Mayor Hueners, now Rep. Herseht, Rep. Thompson, Mayor Munson, and Troy Larson

The Chairman indicated he would make sure Lewis & Clark funding is included in the FY05 budget.



Director Roger Lamp, Director and then Mayor Cotton, Rep. Hoyer, Chairman Kuehl, now Rep. Herseht, Director John Buss, and Mayor Lawler.

Then congressional candidate, now Congresswoman, Stephanie Herseht, participated in separate meetings in Sioux Falls to discuss the importance of Lewis & Clark with Congressman Steny Hoyer from Maryland and Congressman Mike Thompson from California. As Democrat Whip, Hoyer is the second ranking Democrat in the House and is also a senior member of the Appropriations Committee. Thompson serves on the Budget Committee. On April 15, Mayor Munson, Tea Mayor John Lawler, then Beresford Mayor Dan Cotton, and Lewis & Clark directors described their water needs to Hoyer. Madison Mayor Royce Hueners and Mayor Munson met with Thompson to discuss the project on May 16. During the meetings, both Hoyer and Thompson

praised the project and expressed their support for funding.

On June 16, the House Appropriations Committee approved \$17.5

million for Lewis & Clark, matching the President's FY05 Budget request. It now goes to the full House soon for approval.

MEMBER PROFILE: PARKER, SOUTH DAKOTA

Parker is the County Seat of Turner County. The community's economy and industries are primarily agriculture related. Despite the recent drought, the town's population has been holding steady at just over 1,000. City leaders have been pursuing different plans to enhance development opportunities. The Parker Development Corporation recently purchased 40 acres of land for commercial and residential development.

Although water quality is sufficient to meet state regulations, some residents complain about the taste. Parker uses an average of 146,000 gallons each day, with the highest peak flow of 414,000 recorded in July 2002. The City has reserved 490,000 gallons a day from Lewis & Clark.

Most of the System's 21 members plan to use the Lewis & Clark water to supplement their current supplies. However, some like Parker plan to use Lewis & Clark as their sole source of water. Parker's water treatment plant and two of its wells are almost 40 years old and need to be replaced soon. Lewis & Clark will allow Parker to avoid the great expense of replacing the plant and wells, as well as the ongoing cost of operating and maintaining a treatment facility. With the help of a progressive city council, Parker is upgrading its entire water and sewer infrastructure to coincide with the arrival of Lewis & Clark.

A native of Freeman, South Dakota, Glen Wollman is a Parker businessman, former council member, and long-time Lewis & Clark director. Honey World is Glen's wholesale



Glen Wollman

honey company and The Candlestick is his Main Street retail candle store. He served over twenty years in the South Dakota Air National Guard and retired with the rank of major. Glen has a son, two daughters, and two granddaughters.

EXECUTIVE DIRECTOR'S REPORT

In April, I attended the National Rural Water Rally in Washington, DC. I joined the 50-plus members of the South Dakota delegation in meeting with Senators Daschle and Johnson. Both reiterated their steadfast support for Lewis & Clark, and their commitment to work hard to increase our FY05 funding level as much as possible. During the Rally, I also had separate meetings with staff

of rules and regulations to the process. While the land acquisition process has taken longer than expected, the foundational work has been completed and much was learned along the way, which will streamline the process in the future.

A final note involves our funding from the State of Minnesota. In terms of a federal match, Minnesota

needed to approve a minimum of \$301,463. However, Governor Tim Pawlenty and legislative leaders were working to accelerate funding by including Lewis & Clark in the State's bonding bill. After Pawlenty included \$2 million in his budget for the project, the House approved \$1.7 million and the Senate was pushing for \$2 million. Unfortunately, there was an impasse involving a number of issues unrelated to Lewis & Clark. This stalemate

prevented the State's bonding bill from being passed for the first time in memory. If a special session is not called, the legislature will need to take up the bonding bill again next year. While we will have less funding for construction this year than we had hoped, it will not have a big impact on our construction schedule, since \$301,463 was the minimum amount expected. The good news for Lewis & Clark is that we successfully made the case for accelerated funding levels, which we can build upon next year. A special thanks to State Representatives Doug Magnus and Elaine Harder, as well as to State Senators Jim Vickerman and Keith Langseth for their support and leadership. They, along with a number of other legislators, worked hard on our behalf.



SD Assoc. of Rural Water Systems' Denny Davis, SDARWS Chairman and Minnehaha CWC Chairman Don Hentges, Troy Larson, and SD DENR's Dave Ryan.

members from Senators Daschle and Johnson, and Congressmen Gutknecht, King, and Hoyer. Hoyer had just been in South Dakota the week before, so it was a good chance to follow up with his staff. It was a productive Rally.

On the land acquisition front, the remaining easements and permits have finally been secured for Raw Water Pipeline Segments 2 and 3. In addition, the process of acquiring the right-of-ways along the first segments of the Treated Water Pipeline is underway. Our Land Acquisition Coordinator, Terry Pellman, is coordinating the appraisal, easement, engineering and legal activities. Lewis & Clark receives federal funding, so we fall under the Uniform Relocation Act, which adds a number

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ENGINEERING NEWS AND NOTES

By David Odens, Project Manager, Banner Assoc. Inc.

The last quarter has been a busy one for the Engineering Team. We have been working in areas ranging from planning and environmental compliance and preliminary design on the water treatment plant, to final design on segments of the Treated Water Pipeline and construction related services on Raw Water Pipeline Segment 1.

Planning and Environmental Compliance Activities:

The second Interagency Environmental Review Team (IERT) meeting was held on May 5 and included participants from federal and state agencies, as well as Lewis & Clark and Engineering Team officials. The purpose of the IERT meetings is to review the environmental compliance requirements and activities on work in progress, and review and discuss compliance plans and requirements for the activities planned in the upcoming year. The meeting focused on the construction work planned for next year and an on-site review of the planned location for the crossing of the Big Sioux River east of Sioux Falls. Following a presentation of the project plans, the team drove the route from West 12th Street west of Sioux Falls south to the Lennox area. Areas with particular environmental or historical significance were discussed at the sites.

The location for the Big Sioux River crossing, south of the Gitchie Manitou Preserve area, is planned where an old bridge once spanned. The Blood Run site is located south of the proposed crossing and there are granite outcroppings in the Gitchie Manitou Preserve and further north. Due to the number of archaeological sites in the area and the potential for encountering some artifacts, the team discussed methods for observation that can occur concurrently

with the design and soil boring investigations that will be necessary for the development of plans for the river crossing. The participation of representatives of the Iowa State Historical Preservation office made the meeting more



IERT review of the proposed Big Sioux River crossing

productive in that investigative methods and alternatives could be discussed at the site.

Other planning activities have included evaluation of alternatives for the System's water rate structure, preparation of a financial capability statement that identifies the scope of construction to be considered for FY05, and an update of the project master plan to reflect the current construction cost index and the actual costs of portions of the project.

Preliminary Design Activities:

Preliminary design is progressing on the water treatment plant and the Treated Water Pipeline. Water treatment plant design activities in progress at this time include the design layout of the water treatment process basins and chemical feeding and handling areas, planning and preliminary layout of the treatment plant sludge drying and disposal systems, design and layout of the treated water reservoir and pumping station,

and space planning and floor plan development of the administration, maintenance and laboratory areas.

Preliminary design of Treated Water Pipeline Segment 1 from West 12th St. south to Tea has been completed to the point of development of the plan and profile sheets for the water line and identification of location of pipeline appurtenances. Preliminary design of the water line from Sioux Center to Hull has also progressed along similar lines.

Final Design Activities:

The design of the production test well at Site J has been prepared and will be submitted for final review and approval to advertise when the land has been secured. Because of the narrow window in which construction can take place in this environmentally sensitive area, it is expected the well will not be drilled until 2005.

Final design of Raw Water Pipeline Segments 2 and 3 has been completed. The plans and specs have been reviewed and approved by the SD Department of Environment and Natural Resources and the Bureau of Reclamation. It is expected that the contracts will be awarded in July 2004.

Construction Activities:

Construction of Raw Water Pipeline Segment 1 at Mulberry Point began on June 14, 2004. Prior to construction, the contractors met with the pipe supplier and a representative of the company that provided the protective coating for the pipe. The purpose of the "pipe school" was to review installation and handling methods with the contractor's crew and provide assurance of proper construction techniques. Construction of this segment of pipeline should be completed by the end of the summer.



"Pipe school" participants meet prior to construction

LEWIS & CLARK PIPELINE INSTALLATION



Terry Pellman, Land Acquisition Coordinator, stands near some of the 48" pipe. Each section of pipe is numbered in the order it will be installed.



30" pipe being lowered into the trench. A "trench box" is being pulled, which narrows the area needed to be excavated.



The first pipe sections being backfilled, with the next sections ready to go.



Workers in the trench weld, grind, and inspect a joint. A blue protective sleeve will be placed over the top of the joint. Note the blue sleeve to the right, which was installed as a test.

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