

TOWN OF SILVER CREEK  
CASTLE DANGER SUBORDINATE SERVICE DISTRICT MEETING  
March 5, 2013

The Castle Danger Subordinate Service District meeting of The Town Board was held on Tuesday, March 5, 2013 at the Town Hall. Present were Supervisors – Mike Hoops, Greg Hull, Larry Lampart; Clerk – Frederick R. Whitney.

Hoops called the meeting to order at 6:05 p.m.

**WASTEWATER OPERATOR'S REPORT:**

*March 5, 2013*

*December – Received 0.414576 million gallons influent*

*January – Received 0.364722 million gallons influent*

*March – Received 0.379470 million gallons influent*

*The district received no trucked-in waste in during this quarter.*

*For this quarter, influent flows were up slightly for all three months as compared to the same quarter one year ago.*

*As usual there was no irrigation during this quarter.*

*I'm still working with Tony Birritieri, a representative of Petersen Supply from Freedonia WI stop to upgrade the control of the irrigation system, as well as another vendor out of Sauk Center, MN.*

*Quarterly influent samples were taken and analyzed. The samples were consistent to those of past years.*

*Service calls on failed pumps were performed as needed. Again this quarter there were a very limited number of service calls. We did have one frozen pump as a result of a single person dwelling that pumped from a tank in the residence into the grinder station. This system allows the water to cool significantly, and coupled with very low water use allowed the gooseneck to freeze.*

*All insulated boxes are in place. Bagged sawdust was added to help insulate all stations without an insulating box.*

*The permit for the collection/treatment system has been renewed as of December 11, 2012. It should be noted that we are no longer permitted as a National Pollutant Discharge Elimination System (NPDES), but simply as a State Disposal System (SDS). Most requirements remain the same. The new permit may be reviewed at the Town Clerk's Office.*

*All monthly reports and sampling required by MPCA sent in a timely fashion.*

*Work planned for next quarter will include building more insulated boxes and the startup of the irrigation system May 1, as well as inspection of all dripper lines. Time may allow for the previously mentioned work at the Rustic Inn to happen.*

*Rate Review Hearing is scheduled for April 9, 2013. The clerk and operator will be working to analyze past budgets and project the future budgetary needs of the district. These will be presented at the hearing and new rates set at that time.*

*Still waiting for a meeting with Joe Rubelke from Infratech – Infrastructure Technologies, Inc. regarding repairs to the concrete within the lift stations and control structures, as a result of Hydrogen Sulfide deterioration.*

*We are getting close to a meeting with County Coordinator, County Attorney and our legal counsel to move forward with the work that is required to complete enforcement action for zoning violations within the district.*

*I have requested the Clerk to provide a simple balance sheet for the District budget to be attached to this report.*

*Respectfully submitted,*

*Mike Hoops, Operator*

Hull made a motion to accept the Operator's Report as presented. Second by Lampart. Motion carried.

## Hoops presented the 2012 Annual Report.

2012 Annual Report  
Town of Silver Creek – Castle Danger WWTF  
MN Permit #0063908

*During Calendar Year 2012 this facility:*

*Received 7.253 million gallons of influent.*

*Discharged 10.475 million gallons of effluent through the drip irrigation system between May 1 and August 31. Drought conditions during later summer allowed for almost continual irrigation. Pond levels were drawn down low, allowing for visual inspection of rip rap and sludge levels.*

*Problems that were encountered during the year included:*

- 1. At the beginning of the irrigation season all lines were walked to check for breaks, animal bites and to install flagging tape so that lines can be located during the growing season. This is a requirement of the permit.*
- 2. Pre-discharge samples of effluent at certain times show Total Phosphorus to be over the limit, as allowed by our permit. This required the application of alum to the pond to precipitate out phosphorus. Due to the slow discharge rate of the irrigation, at times a second application of alum is required to keep phosphorus within limits.*
- 3. It should be noted that we received more than 17.5 inches of rain in late May and June. This rainfall accounts for the great discrepancy between gallons received and gallons irrigated. Northeastern Minnesota typically has high humidity and also a short "evaporative season" and the numbers typically are skewed.*
- 4. With drought conditions continuing into early winter, and no snow for needed insulation, extra precautions are being made to insulate and protect vulnerable parts of the collection and treatment system.*

*Monitoring of the slump area discussed in the 2003 Annual Report continued with little movement.*

*No erosion appeared across the drip irrigation site.*

*No runoff appears to be taking place from the drip irrigation site.*

*Weed control and mowing were accomplished as needed to maintain the pond site.*

*Work required during 2013 will include the following:*

*Checking of all lines and fittings prior to irrigation. The site will be checked for erosion prior to green-up. All lines will be flagged as to location.*

*Phosphorus will be mitigated as needed.*

*The slump area will continue to be monitored.*

*Normal maintenance will be scheduled in a timely fashion.*

*Filamentous algae will be controlled in the pond being discharged from to prevent unnecessary shutdowns of the irrigation.*

*Respectfully submitted,*

*Mike Hoops, Chief Operator  
Certification #C-5123*

*January 29, 2013*

*c. John Thomas, MPCA  
Town of Silver Creek Board of Supervisors*

## **CONSTITUENTS CONCERNS:**

None

## **DELINQUENT ACCOUNTS:**

Delinquent accounts were discussed. All are current as of 02-28-13. The Clerk was directed to show on the report the two properties that have had their delinquent fees certified to the Levy.

Whitney presented the Interim Financial Report for CDSSD; 02-28-13

Town of Silver Creek  
Interim Financial Report by Object Code (YTD)  
As of 02/28/2013

Enterprise Fund - 600		<u>Feb-13</u>
<b>Receipts:</b>		
Interest Earnings		\$15.23
Residential		\$261.00
Commercial		<u>\$6,894.14</u>
<b>Total Revenues</b>		<b>\$7,170.37</b>
<b>Disbursements:</b>		
Sewer		
Wages and Salaries		\$974.81
Supplies		\$1,064.11
Sewer Testing		\$25.00
Utilities		\$1,697.73
Miscellaneous		\$650.20
Operating Transfers		<u>\$245.00</u>
<b>Total Disbursements</b>		<b>\$4,656.85</b>
<b>Beginning of Year Cash Balance</b>		<b>(\$783.29)</b>
<b>Cash Balance as of 02/28/2013</b>		<b>\$1,730.23</b>

Enterprise - Replacement - 602		<u>Feb-13</u>
<b>Receipts:</b>		
Interest Earnings		\$7.43
Future Replacement		<u>\$2,371.71</u>
<b>Total Revenues</b>		<b>\$2,379.14</b>
<b>Beginning of Year Cash Balance</b>		<b>\$58,495.10</b>
<b>Cash Balance as of 02/28/2013</b>		<b>\$60,874.24</b>

**OLD BUSINESS:**

Whitney indicated that he had not heard back from our Township attorney regarding the Stone property grinder installation costs and whether or not some of the costs could be paid back over time while not placing a lien on the property. The Board's overall opinion was to not do this without a lien.

**NEW BUSINESS:**

Hoops indicated that he was ready to build more grinder station boxes. Donated material will be obtained shortly.

**CASTLE DANGER LAND USE:**

Hoops indicated that he has met with Lake County regarding their financial support of the SRSSD and progress is being made. Meetings still need to be convened regarding the granting of the authority to The Township allowing us to enforce the zoning regulations within our jurisdiction, or, at the very least, Lake County needs to enforce the regulations.

**STEWART RIVER WASTEWATER PROJECT:**

The Clerk was directed to contact Eric Blasing with Wenck Engineering regarding his cost comparison analysis of utilizing a plant system versus a ponding system. Whitney indicated that the final Coastal Grant invoice and report was presented and accepted. The final payment should follow.

**ADJOURN:**

Hull made the motion to adjourn at 7:04 p.m., second by Lampart. Motion carried unanimously.

Respectfully submitted,  
Frederick R. Whitney, Clerk