

**MOUNTAIN IRON CITY COUNCIL MEETING  
COMMUNITY CENTER  
MOUNTAIN IRON ROOM  
MONDAY, MARCH 5, 2012 - 6:30 P.M.  
A G E N D A**

- I. Roll Call
- II. Consent Agenda
  - A. Minutes of the February 21, 2012, Regular Meeting (#1-6)
  - B. Receipts
  - C. Bills and Payroll
  - D. Communication (#19-28)
- III. Public Forum
- IV. Committee and Staff Reports
  - A. Mayor's Report
  - B. City Administrator's Report
  - C. Interim Public Works Director's Report
  - D. Sheriff's Department Report
  - E. City Engineer's Report
  - F. Buildings and Grounds Committee
    - 1. Authorize Plans & Specifications for Sidewalk & Curb Replacement (#7)
    - 2. Authorize to Seek Quotes for Disposal of Piano at Library (#8)
  - G. Liaison Reports
- V. Unfinished Business
- VI. New Business
  - A. Solar Panel Project (#9-13)
  - B. Award Quote for the Sealing of Wells and Building Removal (#15-16)
  - C. Cemetery Requests (#17-18)
- VII. Communications (#19-28)
- VIII. Announcements
  - A. Joint Committee of the Whole Meeting March 12<sup>th</sup> at 6:30 p.m.
- IX. Adjourn

# Page Number in Packet

MINUTES  
MOUNTAIN IRON CITY COUNCIL  
FEBRUARY 21, 2012

Mayor Skalko called the City Council meeting to order at 6:30 p.m. with the following members present: Joe Prebeg, Jr., Tony Zupancich, Susan Tuomela, Ed Roskoski, and Mayor Gary Skalko. Also present were: Craig J. Wainio, City Administrator; Jill M. Anderson, Municipal Services Secretary; Rod Flannigan, City Engineer; Michael Downs, Interim Public Works Director; and John Backman, Sergeant.

It was moved by Skalko and seconded by Prebeg that the consent agenda be approved as follows:

1. Approve the minutes of the February 6, 2012, regular meeting as submitted.
2. That the communications be accepted and placed on file and those requiring further action by the City Council be acted upon during their proper sequence on the agenda.
3. To acknowledge the receipts for the period February 1-15, 2012, totaling \$164,719.58, (a list is attached and made a part of these minutes).
4. To authorize the payments of the bills and payroll for the period February 1-15, 2012, totaling \$332,435.83, (a list is attached and made a part of these minutes).

The motion carried on the following roll call vote: Prebeg, yes; Zupancich, yes; Tuomela, yes; Roskoski, no; and Skalko, yes.

It was moved by Skalko and seconded by Tuomela to set the Labor/Management meeting for Tuesday, March 13, 2012, at 2 p.m. with Mayor Skalko and Councilor Tuomela representing the Council. The motion carried.

It was moved by Roskoski that notices of the joint Committee-of-the-Whole meeting for March 12, 2012, be mailed to all known public and private landlords in the City of Mountain Iron. And further, the meeting notices would also be published in the Hometown Focus and the Mesabi Daily News; and the notice on the Public Television Channel 7 would be changed to reflect the purpose of the Committee-of-the-Whole meeting. The motion died for lack of support.

During the liaison reports, Councilor Tuomela advised the Council that the subcommittee for the Library Mural Project met on February 16, 2012 and 14 people attended along with herself and the Librarian. She said it was a very productive meeting and they were able to give the artists ideas to assist with developing the mural. She thanked the subcommittee for all of their help. Councilor Roskoski commented that he attended the meeting and felt that the early years in Mountain Iron were not covered and there should be another meeting to further discuss the early time period. Councilor Tuomela felt that the subcommittee members did a great job and that now it is time to trust the artists to research and develop a

concept for the City of Mountain Iron mural.

It was moved by Zupancich and seconded by Tuomela to authorize Jeff & Greg Properties, Inc., dba: B. G.'s Saloon, to serve alcohol on February 25, 2012, at the Mountain Iron Community Center for the Karkalo wedding reception. The motion carried.

It was moved by Roskoski and seconded by Zupancich to authorize the sale of the surplus equipment, the 1969 International CO 190 to Holmes Recycling Services for \$1,576 and the 1965 Zamboni to John Bassing for \$750. The motion carried.

It was moved by Prebeg and seconded by Tuomela to authorize the \$750, from the sale of the Zamboni, to specifically be used for the skating facilities in Mountain Iron. The motion carried.

The Council reviewed the December 2011 Financial Statements.

The Council reviewed the list of communications. Sergeant Backman advised the Council that he met with officials from U. S. Steel Corporation and they advised him that they would be drawing down the West Two Rivers Reservoir by 6,000 gallons per minute; this would amount to an approximate one foot drop in a month. He said that this would make hazardous ice on some portions of the reservoir. He was advised by U. S. Steel that they would be informing the public of the situation. Sergeant Backman suggested that the City Council place notices for the public in the newspaper.

It was moved by Prebeg and seconded by Tuomela to place a notice in the Hometown Focus and the Mesabi Daily News to inform the public of the poor ice conditions and warn the residents of the enforcement of the Saint Louis County road closures with regard to the West II Rivers Reservoir; and further post the notice on the Public Television Channel immediately. The motion carried.

It was moved by Skalko and seconded by Roskoski to set the Local Board of Appeal and Equalization meeting for Tuesday, April 24, 2012, from 6:30 to 7:30 p.m. The motion carried.

During the announcements, Councilor Tuomela congratulated Jill Anderson for receiving her Master Municipal Clerks certification through the International Institute of Municipal Clerks. Councilor Tuomela also advised the Council that she would be available at the Mountain Iron Library to speak to residents on Saturday, March 3, 2012, from 10:00 a.m. until noon. Councilor Tuomela also distributed additional information to the Council that she received at the Leadership Conference that she attended in January.

At 7:21 p.m., it was moved by Skalko and seconded by Zupancich that the meeting be adjourned. The motion carried.

Submitted by:

*Jill M. Anderson*

Jill M. Anderson, MMC  
Municipal Services Secretary

[www.mtniron.com](http://www.mtniron.com)

## COMMUNICATIONS

1. Sergeant Backman, an e-mail regarding the ice conditions on the West Two Rivers Reservoir.
2. Minnesota Department of Health, forwarding a letter approving the City of Mountain Iron's Wellhead Protection Plan, Part II.
3. Saint Louis County, forwarding information regarding training for Council Members to become certified to conduct the Local Board of Appeal and Equalization meeting, to be held on Tuesday, March 27, 2012 from 6:00-9:00 p.m. in Cotton.
4. Saint Louis County, forwarding the dates selected for the 2012 Local Board of Appeal and Equalization meeting, with Mountain Iron's date being Tuesday, April 24, 2012, from 6:30 to 7:30 p.m. at the Mountain Iron Community Center.

## Summary By Category And Distribution

Category	Distribution	Amount
UTILITY	UTILITY	157,405.82
MISCELLANEOUS	BLUE CROSS/BLUE SHIELD PAYABLE	222.04
METER DEPOSITS	ELECTRIC	1,000.00
METER DEPOSITS	WATER	80.00
CHARGE FOR SERVICES	SEWER-CHARGE FOR SERVICES	75.96
MISCELLANEOUS	COCA-COLA RECEIPTS-CITY HALL	28.51
LICENSES	ANIMAL	15.00
BUILDING RENTALS	BUILDING RENTAL DEPOSITS	1,000.00
BUILDING RENTALS	COMMUNITY CENTER	450.00
BUILDING RENTALS	NICHOLS HALL	100.00
MISCELLANEOUS	CHARITABLE GAMBLING PROCEEDS	238.19
SALE OF PROPERTY	SALE OF PROPERTY-GENERAL FUND	171.00
CHARGE FOR SERVICES	ELECTRIC-CHG FOR SERVICES	2,336.88
CD INTEREST	CD INTEREST 101	36.69
CD INTEREST	CD INTEREST 602	16.05
CD INTEREST	CD INTEREST 603	80.26
CD INTEREST	CD INTEREST 604	96.32
FINES	PARKING VIOLATIONS	30.00
MISCELLANEOUS	ASSESSMENT SEARCHES	30.00
PERMITS	BUILDING	44.00
MISCELLANEOUS	ELECTRIC RECONNECT FEE	35.00
FINES	CRIMINAL	1,229.86
Summary Totals:		<u>164,719.58</u>

## Report Criteria:

Check Check No = 142029-142080

Per	Date	Check No	Vendor No	Payee	Check GL Acct	Amount
02/12	02/14/2012	142029	130119	MN DNR ECO-WATERS	601-20200	479.85
02/12	02/15/2012	142030	130011	UNITED STATES POSTAL SERVICE	604-20200	361.63
02/12	02/22/2012	142031	10056	A T & T MOBILITY	101-20200	1,312.92
02/12	02/22/2012	142032	10008	AIRGAS NORTH CENTRAL	101-20200	256.72
02/12	02/22/2012	142033	130017	AMERICAN BANK	604-20200	475.24
02/12	02/22/2012	142034	2014	AMY HATKOWSKI	101-20200	200.00
02/12	02/22/2012	142035	1019	ANNETTE KNUTSON	101-20200	200.00
02/12	02/22/2012	142036	10041	ARROWHEAD EMS ASSOCIATION	101-20200	75.00
02/12	02/22/2012	142037	10021	ARROWHEAD LIBRARY SYSTEM	101-20200	4.27
02/12	02/22/2012	142038	2012	ASHLEY RALSTON	101-20200	200.00
02/12	02/22/2012	142039	20022	BENCHMARK ENGINEERING INC	601-20200	3,920.00
02/12	02/22/2012	142040	2011	BRIAN WITALA	101-20200	100.00
02/12	02/22/2012	142041	30084	CARDMEMBER SERVICE	603-20200	961.35
02/12	02/22/2012	142042	4039	CARLA LEIKAS	101-20200	200.00
02/12	02/22/2012	142043	170001	CENTURY LINK	101-20200	469.55
02/12	02/22/2012	142044	220003	CITY OF VIRGINIA	101-20200	55.83
02/12	02/22/2012	142045	30059	CVAR, THOMAS	101-20200	200.00
02/12	02/22/2012	142046	2020	DAN FROSAKER	604-20200	18.70
02/12	02/22/2012	142047	50040	ENERGY MANAGEMENT SOLUTIONS	604-20200	1,245.33
02/12	02/22/2012	142048	60026	FASTENAL COMPANY	101-20200	509.78
02/12	02/22/2012	142049	60006	FISHER PRINTING COMPANY	602-20200	551.47
02/12	02/22/2012	142050	60038	FLEET SERVICES	604-20200	6,735.29
02/12	02/22/2012	142051	70028	GREATER MINNESOTA AGENCY INC	101-20200	204.00
02/12	02/22/2012	142052	70029	GUARDIAN PEST CONTROL INC	101-20200	155.82
02/12	02/22/2012	142053	80021	H R DIRECT	101-20200	65.12
02/12	02/22/2012	142054	2017	HABITAT FOR HUMANITY	101-20200	200.00
02/12	02/22/2012	142055	80010	HOMETOWN ELECTRIC	101-20200	2,455.17
02/12	02/22/2012	142056	80037	HOMETOWN FOCUS	101-20200	220.50
02/12	02/22/2012	142057	90012	IREA SECRETARY/TREASURER	101-20200	50.00
02/12	02/22/2012	142058	120006	L & M SUPPLY	101-20200	6,377.50
02/12	02/22/2012	142059	120047	LAURENTIAN CHAMBER OF COMMERC	101-20200	200.00
02/12	02/22/2012	142060	2015	LORRAINE KINNUNEN	604-20200	95.19
02/12	02/22/2012	142061	130026	MESABI SIGN COMPANY	101-20200	51.30
02/12	02/22/2012	142062	140026	MINNESOTA ENERGY RESOURCES	101-20200	5,579.76
02/12	02/22/2012	142063	130024	MINNESOTA POLLUTION CONTROL AG	301-20200	1,250.00
02/12	02/22/2012	142064	130009	MINNESOTA POWER (ALLETE INC)	604-20200	103,723.45
02/12	02/22/2012	142065	130015	MOUNTAIN IRON PUBLIC UTILITIES	604-20200	16,563.46
02/12	02/22/2012	142066	140004	NORTHERN ENGINE & SUPPLY INC	101-20200	36.68
02/12	02/22/2012	142067		Information Only Check	101-20200	.00 V
02/12	02/22/2012	142068	40032	OFFICE OF ENTERPRISE TECHNOLOG	101-20200	830.07
02/12	02/22/2012	142069	2001	OPERATING ENGINEERS LOCAL #49	101-20200	200.00
02/12	02/22/2012	142070	2013	PAM MCDOWELL	101-20200	100.00
02/12	02/22/2012	142071	2019	ROD ANDERSON	604-20200	459.03
02/12	02/22/2012	142072	190001	SEARS COMMERCIAL CREDIT	101-20200	132.84
02/12	02/22/2012	142073	200003	TACONITE TIRE SERVICE	101-20200	57.85
02/12	02/22/2012	142074	200020	THE TRENTI LAW FIRM	101-20200	5,657.67
02/12	02/22/2012	142075	2016	TIMOTHY & CHARLOTTE RICE	604-20200	576.71
02/12	02/22/2012	142076	2018	TODD IVERSON	604-20200	441.46
02/12	02/22/2012	142077	200006	TRIMARK INDUSTRIAL	604-20200	350.06
02/12	02/22/2012	142078	220004	VIRGINIA DEPARTMENT OF PUBLIC	604-20200	53,839.63
02/12	02/22/2012	142079	220020	VISA OR AMERICAN BANK CC PMT	603-20200	6,234.11
02/12	02/22/2012	142080	240001	XEROX CORPORATION	603-20200	633.37

Per	Date	Check No	Vendor No	Payee	Check GL Acct	Amount
Totals:						<u>225,273.68</u>
				Payroll-PP Ending 2/17/12		93,516.88
				Sales Tax-Electronic Trans.		<u>13,645.27</u>
				TOTAL EXPENDITURES		<u>\$332,435.83</u>

**COUNCIL LETTER 030512-IVF1**

**BUILDINGS AND GROUNDS**

**SIDEWALK REPLACEMENT**

**DATE:** March 01, 2012

**FROM:** Buildings and Grounds Committee

Craig J. Wainio  
City Administrator

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The Buildings and Grounds Committee met and discussed the condition on the curb and sidewalk at the Community Center and at the Senior Center. With regard to the Community Center the Committee recommends that the City Council authorize the development of plans and the seeking of quotes for the replacement of the deficient areas. During the discussions concerning the Senior Center the front stairs, the rear ramp and the stairs to the parking lot behind Benchmark there were numerous deficiencies identified. It was recommended that the front steps and the ramp in the rear be repaired at that the steps to the parking lot behind Benchmark engineering be removed.

Based upon these discussions, staff recommends that these projects be combined and that Benchmark be authorized to prepare plans and specifications, along with a cost estimate to be presented to the City Council.



**COUNCIL LETTER 030512-IVF2**

**BUILDINGS AND GROUNDS**

**PIANO DISPOSAL**

**DATE:** March 01, 2012

**FROM:** Buildings and Grounds Committee

Craig J. Wainio  
City Administrator

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At the request of the Library, the Buildings and Grounds Committee recommends that the City Council authorize Staff to see bids for the disposal of the piano located in the basement of the Public Library. The bids will then be presented to the City Council for final approval.

**COUNCIL LETTER 030512-VIA**  
**ADMINISTRATOR**  
**SOLAR PANEL PROJECT**

**DATE:** March 01, 2012  
**FROM:** Buildings and Grounds Committee  
Craig J. Wainio  
City Administrator

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Upon the review of the Architect it was determined that the building walls did not contain enough lateral strength to support the mounting of the panels to the wall. Based upon that information, it is recommended that the enclosed Option E be pursued for the installation of the Solar Panels.

Secondly, Mr. John Carroll will be present to discuss how the project can be expanded without any City investment through the sale of the Federal Renewable Energy Tax Credits to local investors. Enclosed, please find a letter of intent for your review.



ARCHITECTURAL  
RESOURCES, INC.



Solar Panel Option E: 86 Solar Panels on Southern Array

Mountain Iron Community Center and City Hall

October 26, 2011



February 14, 2012

Craig Wainio  
City Administrator  
City of Mountain Iron  
8586 South Enterprise Drive  
Mountain Iron, MN 55789

Re: Mountain Iron City Hall Solar System

Dear Mr. Wainio,

Newport Partners, LLC is pleased to present this proposal upon which it or one of its affiliates ("Newport") would evaluate, design, install and finance a solar PV system on City of Mountain Iron City Hall property ("Project"). Our assessment of the Project site indicates it can support a solar installation of approximately 35 kW.

**Project Description:**

The turnkey proposal for the installation of a 35 kW solar array includes the following:

1. Provide complete integrated system (engineering, structural and design) utilizing PV modules and inverters provided by Silicon Energy MN, LLC ("Silicon").
2. Arrange for all necessary permitting city or state code.
3. Use of MN licensed contractors that will enter into a project labor agreement that is applicable to their trade.
4. Provide a guaranteed energy savings to comply with Minnesota Statute 471.345 subd 13.
5. Silicon Energy's Cascade series PV module offers the best warranty in the industry today at 30 years.

Total Cost of solar system:       \$260,000

In making this proposal, Newport is relying upon the following information regarding the Project:

- (a) Mountain Iron Public Utilities is the Project's utility service provider.
- (b) The Project will be financed with a combination of the IRRRB grants, syndication of solar tax credits (ITC) and the execution of a 20 year Power Purchase Agreement ("PPA") with Mountain Iron at a rate not to exceed 80% of its current wholesale rate.



- (c) The City of Mountain Iron agrees to enter into various agreements with Newport to effectuate the transaction subject to the City of Mountain Iron review and approval.
- (d) Newport shall be responsible for all requirements related to financing and installation of the PV system.
- (e) The City of Mountain Iron agrees to work cooperatively with Newport and provide any information within a reasonable time frame.

Silicon Energy's Cascade series of PV module has an expected life of at least 40 years and has been tested by NREL laboratories beyond 60 years. The 40 year offset of electric costs for the proposed PV system (assume \$0.076/kWh escalated at 3% p.a.) is \$240,681.

**Capital Contribution:**

In order to facilitate tax credit investment, a private partnership consisting of Iron Range tax investors will be formed by Newport. This Partnership will enter into a lease agreement with the City of Mountain Iron in order to provide for the installation of the solar system on City property. The Partnership shall own the solar Project for a period of 5 years while selling electricity back to the City of Mountain Iron at a fixed rate not to exceed 80% of the City of Mountain Iron's current wholesale electric rate. After a 5 year vesting period, ownership shall revert back to the City of Mountain Iron.

The City of Mountain Iron shall contribute proceeds from the \$200,000 IRRRB grant toward the cost of the solar PV installation. Newport will arrange tax credit investment in order to complete the capitalization required to install the 35 kW system, provided the agreements in (c) above are agreed to and executed by the City of Mountain Iron and Newport.

**Energy Savings Guaranty**

Newport guarantees that the Energy System shall provide an aggregate net utility savings to the Customer. Calculation shall consider all ongoing payments made to and from customer under the Lease and this Agreement (excluding IRRRB sourced funds). This obligation complies with MN statute section 471.345.

**Insurance:**

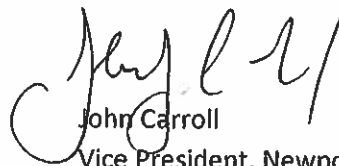
The City of Mountain Iron shall be required to obtain and maintain insurance for a minimum period of 5 years.



Nothing herein, or in any other communication between the parties, shall create any legally binding or enforceable rights between the parties regarding the Project or Newport's proposal to install a solar PV system. The Parties agree to exclusively work together until an agreement is signed or until such time as The City of Mountain Iron and/or Newport has decided not to continue with the Project. The Parties acknowledge that there will be no legally binding or enforceable rights between the parties regarding the Project unless and until Newport has completed its due diligence review of the Project to its satisfaction and all transaction documents have been fully executed by authorized officers of all necessary parties.

If the general terms and conditions outlined in this letter are acceptable, please indicate your acceptance below and return to our office.

Sincerely,



John Carroll  
Vice President, Newport Partners, LLC

**Agreed & Accepted**

By: \_\_\_\_\_

Date: \_\_\_\_\_

**COUNCIL LETTER 030512-VIB**

**ADMINISTRATOR**

**WELL SEALING**

**DATE:** March 01, 2012

**FROM:** Craig J. Wainio  
City Administrator

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Enclosed, please find the quote received from Peterson Well Drilling for the sealing of the wells and removal of the building located adjacent to the former GE property. The Council may recall that the City received a \$10,000 grant for the project. It is recommended that the City Council award the project to Peterson Well Drilling for \$12,000.



CIVIL AND ENVIRONMENTAL ENGINEERING • PLANNING  
MINING • LAND SURVEYING • LAND DATA BASE MAPPING

8878 Main Street ▪ P.O. Box 261  
Mt. Iron, MN 55768-0261  
tel: 218-735-8914 ▪ fax: 218-735-8923  
email: info@bm-eng.com

February 28, 2012

Mr. Craig Wainio, City Administrator  
City of Mountain Iron  
8586 South Enterprise Drive  
Mountain Iron, MN 55768

Re: Well Sealing Project  
City of Mountain Iron  
Project No. MI11-20

Dear Mr. Wainio,

Quotes were received on February 28, 2012 for the above referenced project. A total of one (1) quote was received and upon tabulation the low bidder for the project is Petersen Drilling of Mountain Iron, Minnesota. A copy of the Quote tabulation is enclosed.

If the City of Mountain Iron intends to award the Base Bid to seal the wells, at its March 5, 2012 City Council meeting, it is recommended that you award the project to Petersen Drilling in the Base Bid amount of **\$8,200.00**.

If the City of Mountain Iron also intends to award the Add Alternate Bid, to demolish the well house building, it is recommended to award the Add Alternate Bid in the amount of **\$4,700.00** to Petersen Drilling for a total bid of **\$12,900.00**.

If you have any questions or need additional information please do not hesitate to contact me.

Sincerely,  
**Benchmark Engineering, Inc.**



Alan Johnson, P.E.

Enclosures






February 28, 2012

Quote Tabulation  
WELL SEALING AND BUILDING DEMOLITION  
PROJECT NO.: MI11-20

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT COST	ESTIMATED QUANTITY	ENGINEER'S ESTIMATE		PETERSEN DRILLING
					TOTAL COST	TOTAL COST	
1	SEAL WELLS (BASE BID)	LUMP SUM	\$8,500.00	1.0	\$8,500.00		\$8,200.00
2	DEMO BUILDING (ADD ALTERNATE)	LUMP SUM	\$4,000.00	1.0	\$4,000.00		\$4,700.00
ESTIMATED CONSTRUCTION COST:						\$12,500.00	\$12,900.00

  
BENCHMARK ENGINEERING, INC.

# *Greenwood Cemetery Association*

Post Office Box 105

*Virginia, Minnesota 55792-0105*

February 22, 2012

The Honorable Mayor Gary Skalko  
City of Mountain Iron  
8586 Enterprise Drive South  
Mountain Iron, MN 55768

Re: Appropriation Request

Dear Mayor Skalko,

We respectfully submit for your approval our request for the City of Mountain Iron's annual appropriation to the Greenwood Cemetery Association. This request is for your annual appropriation of \$4500 for the year 2012 approved by the Mtn. Iron City Council.

In the past, Greenwood Cemetery has used the money generously given us by your city for such projects as a new roof on the chapel building, dump truck repair, rebuilding our retort, Cemetery lot development, installation of a computer system and road repair and resurfacing. Currently we have begun renovating, repairing and painting our office space and meeting area and are further involved in performing some much needed updates in the shop. Additionally, compliance with state and county government requirements continue to cost the Association more money each year as well. As you can see, your contribution has been and continues to be vital to the ongoing success of our goals.

We appreciate the help and support you and the City Council have provided us in the past and will continue to do our best as stewards of Greenwood Cemetery to keep it beautiful and affordable to the residents of the City of Mountain Iron.

Sincerely,



Dennis G Yourczek, President  
Greenwood Cemetery Association

# CALVARY CEMETERY ASSOCIATION

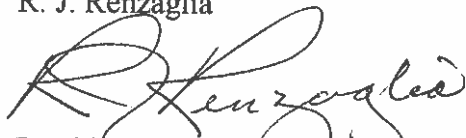
P O BOX 188  
1120 9<sup>th</sup> Street North  
Virginia, Mn 55792

February 23, 2012

Once again the Board of Directors for the Calvary Cemetery Association would like to thank the City of Mountain Iron for the past contribution/grant to our annual operating budget. Again this year, we are requesting \$4500 for the 2012 operating funds.

Enclosed is a copy of our 2011 financial statement. As you can see, 2011 was again, a dismal year and we operated over \$8,000 in the red. We have increased our rates and tightened our belts and with the help of both Virginia and Mt. Iron, we hope to be operating in the black.

Thank you,  
R. J. Renzaglia



President, Board of Directors  
Calvary Cemetery Association

## COMMUNICATIONS

MARCH 5, 2012

1. Tony Sertich, an announcement for a Listening Session scheduled for March 20, 2012, at the Range Recreation Civic Center in Eveleth at 5:30 p.m.
2. Minnesota Department of Health, forward a copy of the sanitary survey report summarizing an on-site inspection of Mountain Iron's PWS.

## **Craig J. Wainio**

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**From:** Sertich, Tony (IRR) [t.sertich@state.mn.us]  
**Sent:** Monday, February 27, 2012 9:44 AM  
**To:** mayor@virginiamn.us; jackie@evelethmn.com; Craig J. Wainio; buhl@rangenet.com; cfutterer@virginia.k12.mn.us; dhilde@isd2154.k12.mn.us; jklarich@mib.k12.mn.us; jcurrie@laurentianchamber.org; Darrow Mike (mikedarrow@gilbertmn.org) (mikedarrow@gilbertmn.org); stephanie@evelethmn.com; Craig J. Wainio  
**Cc:** Hall, Laureen (IRR)  
**Subject:** Listening Session Confirmation

TO:  
Mayor Steve Peterson – Virginia  
Mayor Robert Vlasisavljevich - Eveleth  
Mayor Donald Bellerud - Gilbert  
Mayor Gary Skalko – Mountain Iron  
Mayor Craig Pulford –Buhl  
School Superintendent Charles Futterer - Virginia  
School Superintendent Deborah Hilde - Eveleth-Gilbert  
School Superintendent John Klarich – Mountain Iron-Buhl  
President & CEO Jim Currie - Laurentian Chamber

Thank you for your assistance in finalizing details for our upcoming Quad Cities Listening Session. It will be held on Tuesday, March 20, 2012 at the Range Recreation Civic Center in Eveleth at 5:30 p.m. That evening, I plan to speak for about 15 minutes and then open it up to questions from the audience for 45 minutes. We will send out a news release closer to the date. In the meantime, I would greatly appreciate your help in spreading the word in your communities. I'm looking forward to seeing you all on March 20!

If you have questions specific to this event, please contact Laureen Hall at 218-735-3014 or [Laureen.Hall@state.mn.us](mailto:Laureen.Hall@state.mn.us).

Thank you!

Tony

Tony Sertich | Commissioner | Iron Range Resources & Rehabilitation Board  
4261 Hwy 53 S, PO Box 441 | Eveleth MN, 55734 0441 | [T.Sertich@state.mn.us](mailto:T.Sertich@state.mn.us)  
OFFICE - (218) 735-3000 ex 2



*Protecting, maintaining and improving the health of all Minnesotans*

February 13, 2012

Mountain Iron City Council  
c/o City Administrator  
Mountain Iron City Hall  
8586 Enterprise Drive South  
Mountain Iron, Minnesota 55768

Dear Council Members:

**SUBJECT:** Sanitary Survey Report for Mountain Iron Public Water Supply (PWS), St. Louis County, PWSID 1690035

Enclosed is a copy of the sanitary survey report summarizing an on-site inspection of your community PWS. The purpose of a sanitary survey is to evaluate the capability of a public water system to provide safe drinking water to the public. This is accomplished by identifying sanitary defects within the system, informing the water supply owner of applicable responsibilities, and by providing guidance related to water system operation and maintenance.

The Minnesota Department of Health (MDH) continues to monitor your PWS for contaminants identified by state and federal drinking water regulations. However, the results of such monitoring are not part of this report, but are sent to you under separate cover as they become available.

Please take appropriate action to address any deficiencies or recommendations identified within this report. The enclosed report must be kept on file and made available for public review for not less than ten (10) years.

If you have questions concerning the information contained in the report, please contact me at 218/723-4651.

Sincerely,

A handwritten signature in black ink, appearing to be "M. Luhrsen", is written over a horizontal line.

Michael Luhrsen, P.E.  
Community Public Water Supply Unit  
Environmental Health Division  
Government Service Center  
Duluth, Minnesota 55802

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Enclosures

cc: Water Superintendent



**MINNESOTA DEPARTMENT OF HEALTH  
SECTION OF DRINKING WATER PROTECTION  
Public Water Supply Inventory Report**



Name: Mountain Iron County: St. Louis	PWSID: 1690035 Regulatory Authority: DWP	PWS Type: Community District Engineer: Michael Luhrsen
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**System Information**

**BASIC DATA**

Owner Type: Municipal	System Class: C	Service Connections: 942
Population Served: 2,999	Class Points: 0	Survey Date: 01/03/2012
Service Area Characteristics: Municipal-(Primary)		

**PRODUCTION TOTALS**

Design Capacity:	Emergency Capacity:
Average Daily: 375,000 Gallons	Storage Capacity: 1,463,500 Gallons
Highest Daily: 600,000 Gallons	

**ADDRESSES AND LOCATIONS**

<u>Type</u>	<u>Address</u>
Financial	Mountain Iron City Council c/o City Administrator Mountain Iron City Hall 8586 Enterprise Drive South Mountain Iron, MN 55768
Location	City Hall Mountain Iron, MN 55768
Owner/Responsible Party	Mountain Iron City Council c/o City Administrator Mountain Iron City Hall 8586 Enterprise Drive South Mountain Iron, MN 55768
Sample Bottles/General Correspondence	Mountain Iron Water Superintendent City Hall 8586 Enterprise Drive South Mountain Iron, MN 55768

**CONTACTS**

<u>Type</u>	<u>Name</u>	<u>Phone/Email</u>	<u>Number/Address</u>
Contact	Tim Satrang	Business Phone 1	218/735-8559
Emergency Workday	Tim Satrang	Business Fax	218/748-7573
		Business Phone 1	218/748-7570
		Cell Phone	218/750-0121
		Email	publicworks@mntiron.com
		Pager	218/742-5631
Emergency After-Hours	Tim Satrang	Business Phone 1	218/750-0121
	Craig Wainio	Business Phone 1	218/749-5297
		Cell Phone	218/742-6561
		Email	cwainio@ci.mountain-iron.mn.us
Financial	Mountain Iron City Council	Business Phone 1	218/748-7570



**MINNESOTA DEPARTMENT OF HEALTH  
SECTION OF DRINKING WATER PROTECTION  
Public Water Supply Inventory Report**



Name: Mountain Iron County: St. Louis	PWSID: 1690035 Regulatory Authority: DWP	PWS Type: Community District Engineer: Michael Luhrsen
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**CONTACTS**

<u>Type</u>	<u>Name</u>	<u>Phone/Email</u>	<u>Number/Address</u>
Owner/Responsible Party	Mountain Iron City Council	Business Phone 1 Email	218/748-7570 cwainio@ci.mountain-iron.mn.us

**OPERATORS**

<u>Name</u>	<u>Class</u>	<u>Expiration Date</u>	<u>Name</u>	<u>Class</u>	<u>Expiration Date</u>
Satrang, Tim C.	B	06/30/2014	Albrecht, Lenny M.	C	07/31/2012

**Storage Information**

Name: Elevated 450000 Type: Storage-Elevated Status: Active	Links to: Distribution System Availability: Primary Capacity: 450,000 Gallons
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Name: Ground 1000000 Type: Storage-Ground Status: Active	Links to: Distribution System Availability: Primary Capacity: 1,000,000 Gallons
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Name: Ground 13500 Type: Storage-Ground Status: Active	Links to: Distribution System Availability: Primary Capacity: 13,500 Gallons
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**Source Information**

Name: Well #1 Type: Well Status: Active Availability: Primary	Source Type: Groundwater Design Capacity (gpm): Emergency Capacity (gpm):
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**Well Data**

Unique Well No.: 00150524 Well Depth (ft): 375 Casing Depth (ft): 160 Pump type: Submersible Aquifer(s): Biwabik Iron-Formation	Year Constructed: 1981 Static Depth (ft): 0 Casing Diameter (in): 12 Pump Capacity (gpm): 800	Last Rehabilitated: Drawdown (ft): 0 Screen Length (ft): None Pumping Rate (gpm): 800
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Name: Well #2 Type: Well Status: Active Availability: Primary	Source Type: Groundwater Design Capacity (gpm): Emergency Capacity (gpm):
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**Well Data**

Unique Well No.: 00150526 Well Depth (ft): 425 Casing Depth (ft): 160 Pump type: Submersible Aquifer(s): Biwabik Iron-Formation	Year Constructed: 1981 Static Depth (ft): 0 Casing Diameter (in): 12 Pump Capacity (gpm): 250	Last Rehabilitated: Drawdown (ft): 0 Screen Length (ft): None Pumping Rate (gpm): 250
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**MINNESOTA DEPARTMENT OF HEALTH**  
**SECTION OF DRINKING WATER PROTECTION**  
**Public Water Supply Inventory Report**



Name: Mountain Iron	PWSID: 1690035	PWS Type: Community
County: St. Louis	Regulatory Authority: DWP	District Engineer: Michael Luhrsen

**Source Information**

Name: Well #3	Source Type: Groundwater
Type: Well	Design Capacity (gpm):
Status: Out Long Term	Emergency Capacity (gpm):
Availability: Emergency	

Well Data

Unique Well No.: 00239976	Year Constructed: 1956	Last Rehabilitated:
Well Depth (ft): 64	Static Depth (ft): 0	Drawdown (ft): 0
Casing Depth (ft): 50	Casing Diameter (in): 0	Screen Length (ft): None
Pump type:	Pump Capacity (gpm): 400	Pumping Rate (gpm): 400
Aquifer(s): Quaternary Buried Artesian		

Name: Well #4	Source Type: Groundwater
Type: Well	Design Capacity (gpm):
Status: Out Long Term	Emergency Capacity (gpm):
Availability: Emergency	

Well Data

Unique Well No.: 00229166	Year Constructed: 1956	Last Rehabilitated:
Well Depth (ft): 60	Static Depth (ft): 0	Drawdown (ft): 0
Casing Depth (ft): 46	Casing Diameter (in): 0	Screen Length (ft): None
Pump type:	Pump Capacity (gpm): 300	Pumping Rate (gpm): 300
Aquifer(s): Quaternary Buried Unconfined		

**Treatment Information**

Name: TREATMENT PLANT #1	Source Water: Groundwater
Type: Treatment Plant	Design Capacity:
Status: Active	Emergency Capacity:
Availability: Primary	

Treatment Data

<u>Objective</u>	<u>Process Mechanism</u>
Disinfection	Chlorine/Gas
Fluoride (Z)	Fluoridation/Hydrofluosilicic acid
Iron removal	Filtration (Gravity)/Dual media
	Oxidation - chemical/Chlorine

Name: Well #3 Entry Point	Source Water: Groundwater
Type: Treatment Plant	Design Capacity:
Status: Out Long Term	Emergency Capacity:
Availability: Emergency	

Treatment Data

<u>Objective</u>	<u>Process Mechanism</u>
Disinfection	Chlorine/Gas



**MINNESOTA DEPARTMENT OF HEALTH  
SECTION OF DRINKING WATER PROTECTION  
Public Water Supply Inventory Report**



Name: Mountain Iron County: St. Louis	PWSID: 1690035 Regulatory Authority: DWP	PWS Type: Community District Engineer: Michael Luhrsen
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**Treatment Information**

Name: Well #4 Entry Point	Source Water: Groundwater
Type: Treatment Plant	Design Capacity:
Status: Out Long Term	Emergency Capacity:
Availability: Emergency	

Treatment Data

<u>Objective</u>	<u>Process Mechanism</u>
Disinfection	Chlorine/Gas

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**MINNESOTA DEPARTMENT OF HEALTH**  
 Section of Drinking Water Protection  
 Sanitary Survey Report



System Name: <b>Mountain Iron</b> PWSID: <b>1690035</b> System Contact: <b>Tim Satrang</b>	Survey Date: <b>01/03/2012</b> Surveyor: <b>Michael Luhrsen, P.E.</b>
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The Minnesota Department of Health (MDH) recently conducted a sanitary survey of your public water supply (PWS). The sanitary survey protects public health by evaluating the capabilities of PWS sources, treatment, storage, distribution, operation and maintenance, and overall management to ensure safe water. This report may also inform PWS operators of applicable responsibilities and guidance related to operation and maintenance.

Any **deficiency** may negatively affect the adequacy of a source, facility, equipment, and/or operations involved in the production and distribution of safe drinking water. Deficiencies should be corrected promptly.

**Water Source**

No deficiencies observed.

**Pumps/Pump Facilities and Controls**

No deficiencies observed.

**Treatment**

No deficiencies observed.

**Water Storage**

No deficiencies observed.

**Distribution**

Requirements or Recommendations:

Dead ends shall be minimized by looping where practicable. A fire hydrant, approved flushing hydrant, or blow off for flushing purposes shall be provided at the dead ends where looping is not feasible. No flushing device shall be directly connected to a sewer.

**Monitoring/Reporting Data Verification**

Requirements or Recommendations:

The following records should be maintained by the water supply system:

- a. Daily pumping per well.
- b. Fluoride added per well (daily).
- c. Chlorine added per well (daily).
- d. Bacteriological test results as required by the Safe Drinking Water Act.
- e. Static water levels and drawdowns from all wells (monthly).
- f. Maintenance and repair.
- g. Fluoride concentrations on the system (daily).
- h. Chlorine residuals on the system (weekly).



**MINNESOTA DEPARTMENT OF HEALTH**  
Section of Drinking Water Protection  
Sanitary Survey Report



System Name: <b>Mountain Iron</b> PWSID: <b>1690035</b> System Contact: <b>Tim Satrang</b>	Survey Date: <b>01/03/2012</b> Surveyor: <b>Michael Luhrsen, P.E.</b>
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**Water System Management/Operation**

Requirements or Recommendations:  
The city should institute a system of permits and inspections to enforce the Minnesota Plumbing Code.  
A daily check of critical system components should be conducted to enhance security and ensure that an unauthorized entry has not taken place.  
Engineering plans of new, modifications, or additions to the water supply system (including water mains) must be submitted to the Minnesota Department of Health for review. All plans must be approved prior to the start of construction.

**Operator Compliance with State Requirements**

Requirements or Recommendations:  
The opportunity for additional training in the water supply field should be made available to the operator(s). Attendance at one of the annual waterworks operators schools and also the local one-day schools provide a valuable experience for anyone engaged in this field. They also provide the required contact hours for certification renewal.

**Other Comments or Findings**

Requirements or Recommendations:  
Bacteriological Sampling Site Plan:  
  
City Hall  
Library  
Wastewater Plant  
Operators Residence



**MINNESOTA DEPARTMENT OF HEALTH**  
**Section of Drinking Water Protection**  
**Sanitary Survey Report**



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Minnesota Department of Health  
 Drinking Water Protection Section  
 Report of Colilert Bacteriological Results and Chlorine Residual

Sampled By: **Luhrsen, Michael**

Date: **January 3, 2012**

PWS Name: **Mountain Iron**

PWSID: **1690035**

Result Comments

No Result Comments Listed

Sample Results

<u>Field #</u>	<u>Sampling Location</u>	<u>Chlorine Residual</u> <u>Free / Total (mg/L)</u>	<u>Coliform</u> <u>Bacteria</u>	<u>E.Coli</u>
228	TREATMENT PLANT #1	0.80 /	Absent	
229	Wastewater Plant	0.40 /	Absent	
230	L+M	0.40 /	Absent	