



CITY OF GREENWOOD

Regular Council Meeting

Council Chambers – Greenwood City Hall – 202 S. Government Ave.
Monday, October 23rd, 2023
7:00 pm

AGENDA

1. Call to Order
2. Adoption of Agenda: October 23, 2023 Regular Council Meeting
3. Adoption of the Minutes None.
4. Correspondence for Information
 - a. LGMA Newsletter Page 2-4
 - b. City of Greenwood - Report on Concrete Reservoir Page 5-18
5. Correspondence for Action None.
6. Councillor's Reports
7. Mayor's Report
8. Administrator's Report None.
9. Accounts Payable Report September 20, 2023 - October 17, 2023 Page 19
10. New and Unfinished Business
 - a. 2024 Regular Council Meeting Schedule Page 20
11. Question Period

Excerpt from Council Procedures Bylaw 674 Section 14

1. Immediately prior to the adjournment of every regular meeting of Council, questions, but not statements, relating to matters dealt with at that meeting may be directed to Council by members of the public then present. All such questions shall be directed to the Mayor, and will where possible and appropriate be answered by the Mayor or a member designated by the Mayor.
2. A maximum period of 15 minutes shall be provided for considering questions from members of the public; however that maximum may be extended to 30 minutes with the unanimous consent of all Council members present.

12. Adjournment

Brooke McCourt

From: Local Government Management Association of BC <office@lgma.ca>
Sent: October 16, 2023 11:03 AM
To: Brooke McCourt
Subject: LGMA Job Circular, News, and Program Updates - Week of October 16, 2023



If you have trouble viewing this email, [click here](#)

Professional Development Partners:

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STEWART McDANNOLD STUART
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LGMA Newsletter: Week of October 16, 2023

Introducing LGMA HR Connect Lunch Series November 27

Are you a local government Human Resources practitioner or have HR duties as part of your role? Do you want more peer learning opportunities? Join your colleagues for the complimentary LGMA-hosted [HR Connect Series](#), a lunch-hour virtual discussion inspired and facilitated by HR knowledge holders. This event is a safe space to get advice about the challenges you face in your increasingly complex role while building meaningful connections and mentorship, without travelling or a significant time commitment.



To further the learning and connections built in the HR Connect Lunch series, our friends at Civic Info BC have created a discussion forum. Find [instructions on how to sign up](#) on the LGMA website.

Join us for the inaugural HR Connect Lunch Series session on November 27, and then quarterly starting in early 2024. [Register today.](#)

LGMA Training:

Develop strategies to navigate change

[Change Management Online Course](#)

November 16 - 30

Complimentary lunch hour discussion

[CAO Connect Lunch Series](#)

November 17

Registration now open!

[HR Lunch Connect Series](#)

November 27

Save the Date!

[2024 CAO Forum, Vancouver, BC](#)

Pre-Conference: February 20

Forum: February 21-22

LGMA On-Demand Courses

Learn at your own pace!

[FOI, Privacy, and Records Management](#)

Available on-demand, includes Ask the Expert

Session November 7

Enjoy this complimentary course!

[Ethics in Local Government](#)

Available on-demand

[See all Training & Workshops](#)

Additional News and Training:

Resource, tools, and other helpful information

[Truth and Reconciliation Resources for BC Local Governments](#)

Deadline extended!

[BC First Nations Public Service Scholarship](#)

Applications due October 27

Collaborating and Converging Toward a Sustainable Future

[Asset Management BC Conference](#)

November 8 - 9

A first-of-its-kind conference!

[Kamloops Municipal IDEA Conference](#)

November 27-28

Capilano U Spring 2024 and Fall 2024 PADM Courses

[Local Government Administration Programs](#)

Starting in January, 2024

Programs Re-Launch

[UVic Indigenous Community Development and Governance](#)

Starting in January, 2024

[See all News & Opportunities](#)

Prepare for 2024 Membership Renewal Stay Connected with the LGMA

LGMA 2024 membership renewal is on the horizon! To stay connected and to make sure you don't miss vital communication, update your personal profile at [LGMA MyAccount](#). Make sure your information is up to date to continue receiving our weekly newsletters and information about 2024 training options, job postings, and LGMA news and opportunities.



What do you need to do? Log into your profile at [LGMA MyAccount](#) and under the “Info” tab, check your job title, address, email and organization to be sure they are current. Please also include a secondary email address so that we can contact you if you change positions. This information is important as it forms part of your registration when taking courses and training.

Connect with the LGMA



LGMA

**LOCAL GOVERNMENT
MANAGEMENT ASSOCIATION
OF BRITISH COLUMBIA**

This email was sent to brooke@greenwoodcity.ca when you signed up on www.lgma.ca Please add us to your contacts to ensure the newsletters land in your inbox.

Local Government Management Association of BC
710A - 880 Douglas Street , Victoria, British Columbia V8W 2B7

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710A - 880 Douglas Street, Victoria, British Columbia V8W 2B7, Canada

CITY OF GREENWOOD
REPORT ON
CONCRETE RESERVOIR

OMEGA ENGINEERING LTD.

300 YALE ROAD WEST - CHILLIWACK, B. C.





OMEGA ENGINEERING LTD.
CONSULTING CIVIL ENGINEERS

June 25, 1978

City of Greenwood
Box 129
Greenwood, B. C.
VOH-1JO

Attention: Ken Hamanishi

Dear Sir:

Re: Inspection of Concrete Reservoir

At the request of the City of Greenwood an inspection was made on June 21, 1978 of your partially completed concrete reservoir.

The purpose of the inspection was to examine the concrete used in the reservoir and to determine if possible, the strength of the concrete, the durability and the structural safety of the structure.

Preamble

Plans and specifications for the reservoir were prepared by Emery Wilson Engineering Ltd., in June 1977. Work started on the project late in November 1977. The concrete work was completed in April - of 1978. When the first attempt was made to fill the reservoir, there were so many holes and porous areas in the walls that water ran out of the reservoir as fast as it was pumped in.

The contractor has since made repairs to the walls by cleaning out the porous areas and holes and patching them with Thorite (a non-shrink concrete patching mortor). The reservoir is now full of water (water level is actually above the design level for the reservoir). Several cracks have now appeared in the walls. Attempts have been made to repair these cracks using Thorite. A white compound was also painted on the inside on the cracks, however it is thought that this material was a concrete curing compound and has contributed nothing to the repair of the cracks.

Inspection

Impacted hammer tests were carried out on the concrete in the reservoir to determine the strength of the concrete, using a "Schmidt Hammer". This test method provide a non-destructive test of the compression strength of the concrete.

The following results were obtained from the tests:

West Wall - Concrete

The average of 49 readings on the concrete in the north wall was 34.75, this indicates a strength in excess of 4000 psi.

North Wall - Concrete

The average of 49 readings on the concrete in the north wall was 36.61, this also indicates a strength in excess of 4000 psi.

North Wall - Patch

The average of 20 readings on a patch in the north wall was 25.6, this indicates a strength of 2800 psi.

East Wall - Patch

The average of 25 readings on a patch in the east wall (near the valve) was 22.3, this indicates a strength of 2200 psi.

The strength of the concrete is in excess of the strength specified on the drawings (3000 psi at 28 days). The strength of the concrete in the patches was less than what should be expected. The strength of the concrete in the patches should also be at least 3000 psi. It is possible that this concrete has not yet reached an age of 28 days and could yet come up to a strength of 3000 psi.

Three cracks were noted in the south wall, two of the cracks had been patched but were still damp. The third crack had not been patched and was leaking slightly. Numerous patches were noted on this wall.

No cracks were noted on the west wall, several large patches were noted, two of these showed signs of water seeping through them.

Three cracks were noted on the north wall, one crack was patched but still showed signs of dampness. The other two cracks had not been patched and were leaking slightly. Two large patches were noted, both were damp with water leaking through them.

Structural Investigation

The design of this reservoir considers that it will be backfilled to a height at least equal to the height of the water inside the reservoir. At the present time the reservoir has not been backfilled hence the reinforcing is over-stressed.

Observations

The workmanship on this reservoir is very poor; The existence of the many porous and honeycomb areas indicate that the concrete was not adequately vibrated while it was being placed. The formwork was not adequate. The type of formwork used is for house foundation and low wall construction. The pressure of the concrete in this high wall caused the formwork to deflect between the form-ties. A waler form system with plastic cone ties should have been used, with a proper design carried out to determine the spacing of the walers. The use of cone ties would have made the grouting of the tie holes easier and more effective.

The patching of the honeycomb areas also shows the signs of poor workmanship.

Photographs

The attached photographs taken 21 June 1978 shows the many patches and cracks in the walls. The poor workmanship can also be seen.

Recommendations

It is recommended that:

1. A leakage test be carried out on the reservoir; while there is nothing in the drawing notes regarding allowable leakage, water level should not drop more than $\frac{1}{2}$ " over a 24 hour period in a reservoir of this type (600 gal in 24 hours).
2. The reservoir should be cleaned out and a thorough inspection made inside for any honeycomb or porous areas that have not been patched. Any areas found should be patched with Thorite, using the manufactures recommendations.
3. The existing cracks should be cleaned out on the inside, removing any loose or old concrete. Fresh clean concrete should be exposed all along the cracks.

Cracks should then be repaired on the inside using "Vandex" or an equal product. This repair work should be done in accordance with the manufactures instructions.

4. The reservoir should be backfilled with a granular material to the level indicated on the drawings.

Remarks

As indicated previously the workmanship on this reservoir is very poor. There is very little that can be done at this stage to correct the appearance of the reservoir.

The concrete used in the reservoir exceeds the strength specified, and except for the poor workmanship and finish, appears durable.

The design of the reservoir requires that it be backfilled on the outside, when this work is completed the structure will be structurally safe.

While the workmanship on the reservoir is not what it should be, it should perform the function that it was designed for. Problems of this type can be avoided in the future by closer inspection of the projects as they progress.

Yours truly,



Hal Norrish P.Eng.

OMEGA ENGINEERING LTD.



HN/sn

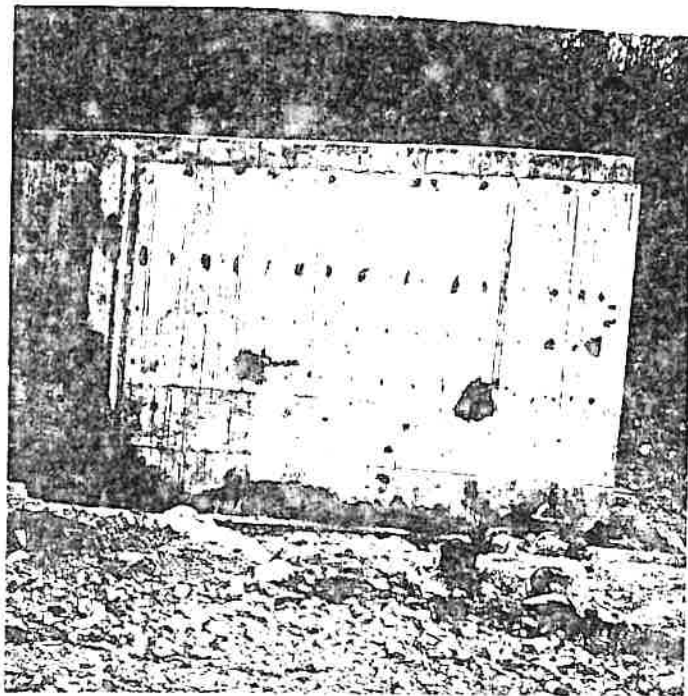
cc:

Emery Wilson, P.Eng.

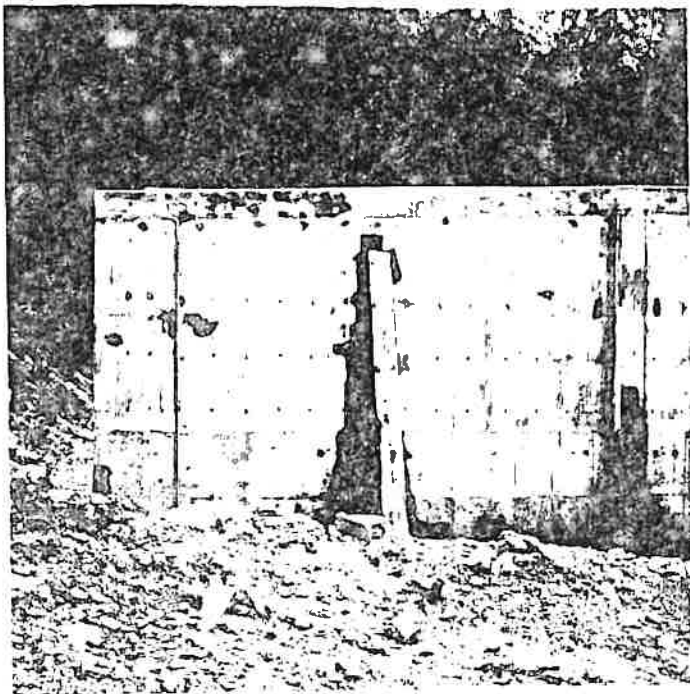
Box 2139

Grandforks, B. C.

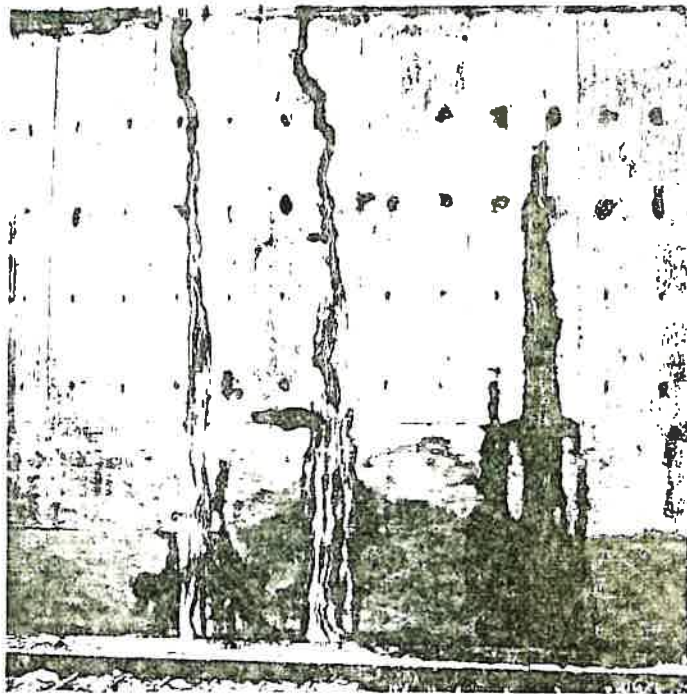
VOH-lHO



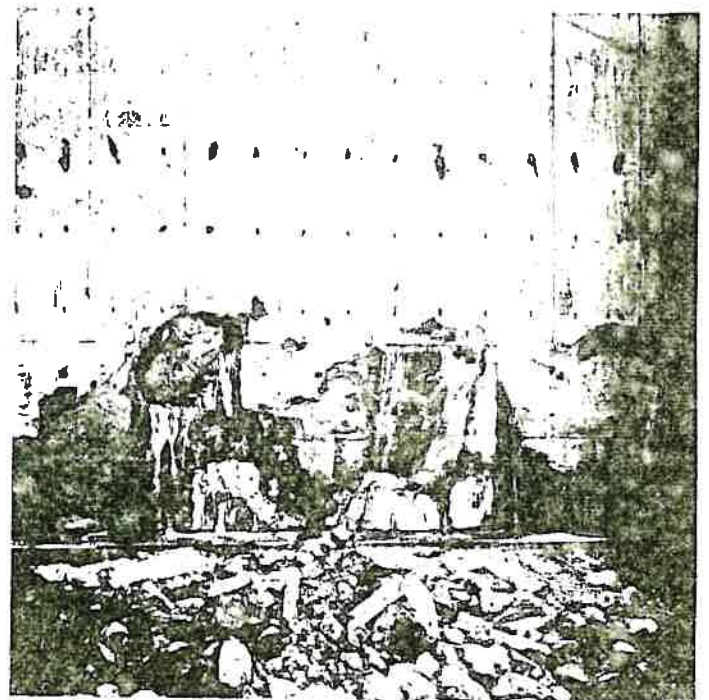
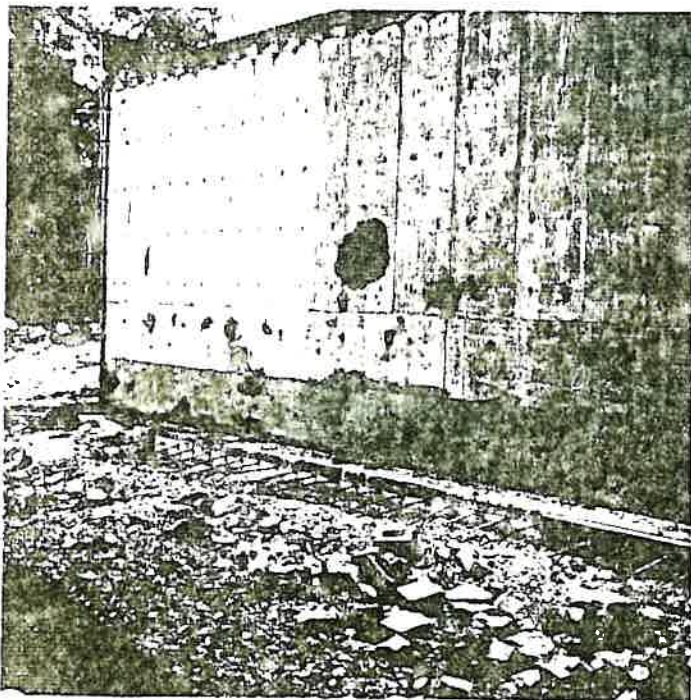
EAST WALL



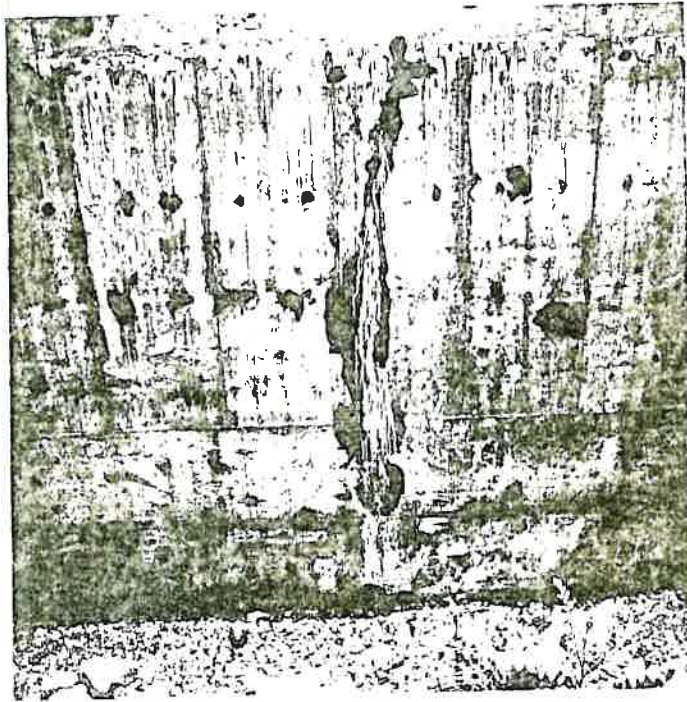
EAST WALL



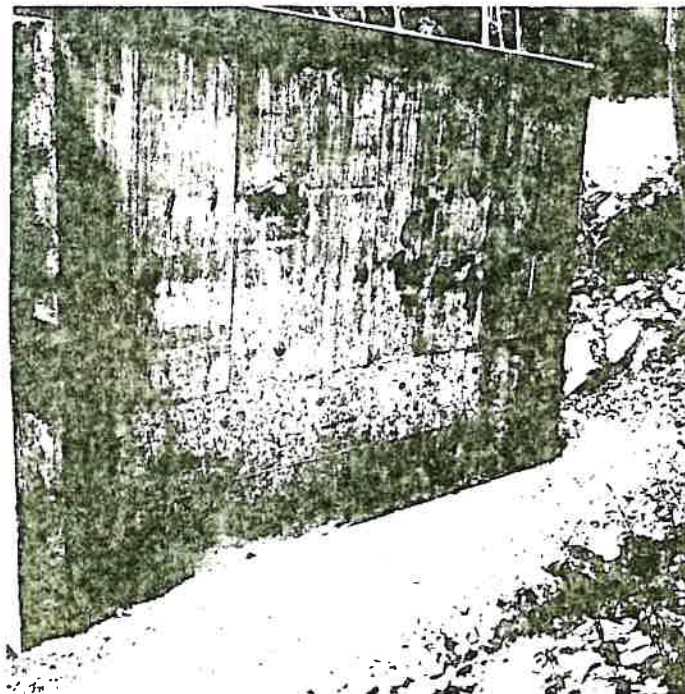
SOUTH WALL



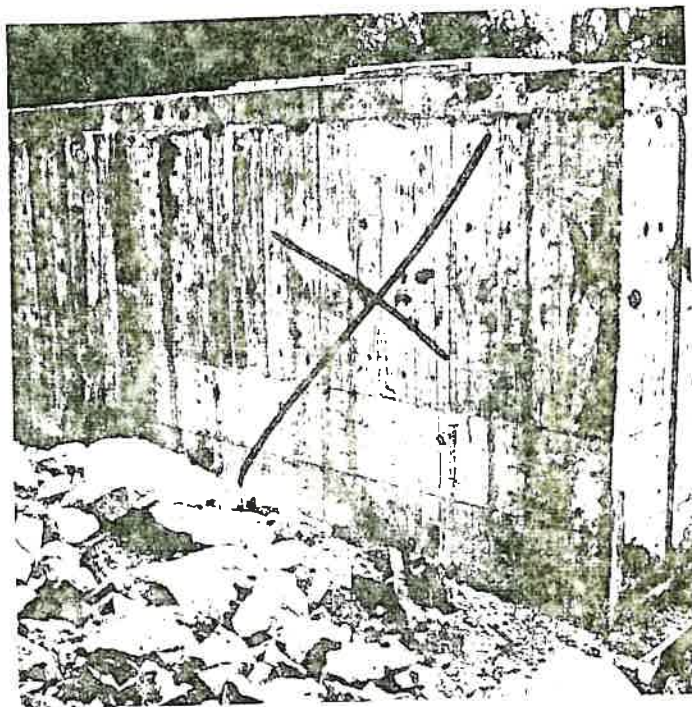
SOUTH WALL



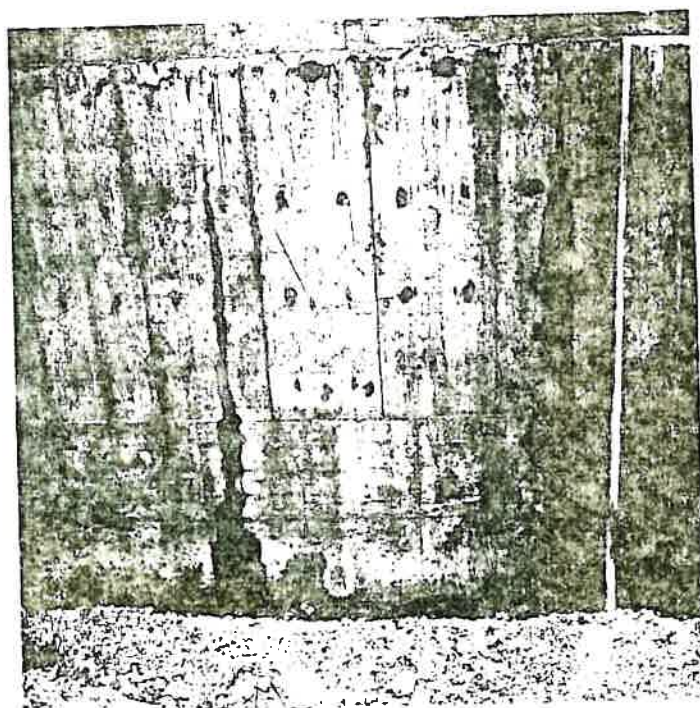
EAST WALL



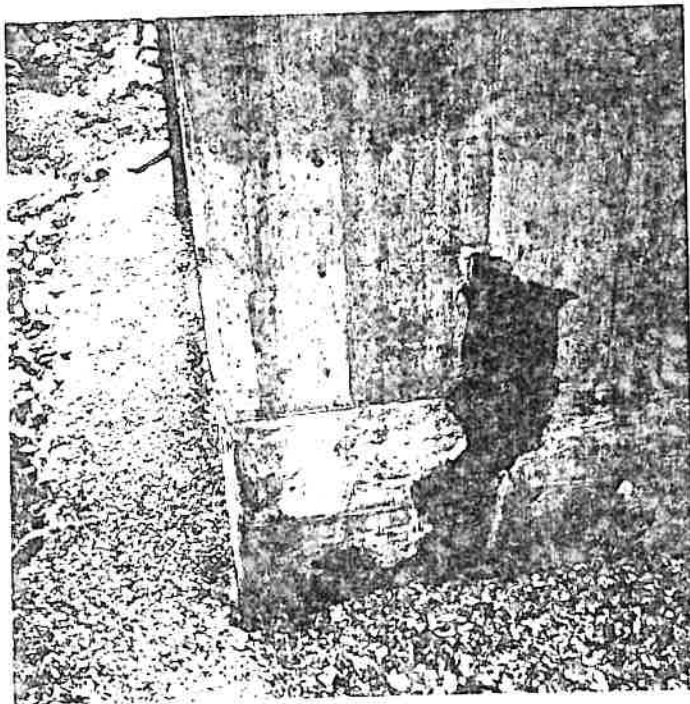
EAST WALL



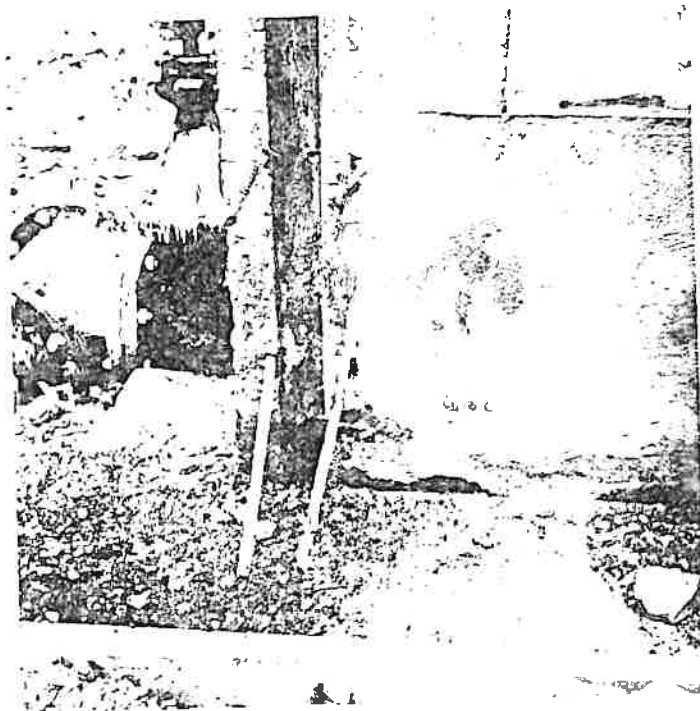
NORTH WALL



NORTH WALL



NORTH EAST CORNER



PATCH ON SOUTH WEST
CORNER



EAST WALL



PATCH AT VALVE ON
EAST WALL

Cheque Register-Summary-Bank



Date : Oct 17, 2023

Time :9:29 am

Supplier : HERIT To ZWARN
 Cheque Dt. : 20-Sep-2023 To 17-Oct-2023
 Bank : 01 - General Bank To 999 - Penny Rounding Suspense

Seq : Cheque No. Status : All
 Medium : C=Computer E=EFT-PAP T=EFT-

Cheque #	Cheque Date	Supplier	Supplier Name	Status	Batch	Medium	Amount
006	25-Sep-2023	LANDT	LAND TITLE & SURVEY AUTHORITY OF BC	Cancelled	199	C	0.00
007	28-Sep-2023	ACECOUR	A.C.E. COURIER SERVICES	Cancelled	191	C	0.00
008	28-Sep-2023	ADTSEC	ADT SECURITY SERVICES CANADA LTD.	Issued	191	C	315.00
009	28-Sep-2023	FLUENT	FLUENT IMS	Issued	191	C	1,050.00
010	28-Sep-2023	ICONIX	ICONIX WATERWORKS LP	Issued	191	C	9.59
011	28-Sep-2023	ISL	ISL ENGINEERING AND LAND SERVICES LTD.	Issued	191	C	8,140.65
012	28-Sep-2023	KTHMAN	KTH MANAGEMENT	Issued	191	C	1,050.00
013	28-Sep-2023	MARTGRAN	MARTIN, GRANT	Issued	191	C	26.69
014	28-Sep-2023	MCCBROOK	BROOKLYN, MCCOURT	Issued	191	C	40.60
015	28-Sep-2023	MCLEJ001	JESSICA, MCLEAN	Issued	191	C	417.17
016	29-Sep-2023	ACECOUR	A.C.E. COURIER SERVICES	Issued	196	C	796.70
017	29-Sep-2023	CANCO	CANCO #106	Issued	196	C	1,209.84
018	29-Sep-2023	CHARV001	CHARTIER, VANESSA DAWN	Issued	196	C	320.00
019	29-Sep-2023	CUPE001	CUPE - LOCAL 2254	Issued	196	C	489.66
020	12-Oct-2023	ACECOUR	A.C.E. COURIER SERVICES	Issued	205	C	66.56
021	12-Oct-2023	AMAZON	AMAZON	Issued	205	C	29.59
022	12-Oct-2023	BLACK001	BLACK PRESS	Issued	205	C	745.08
023	12-Oct-2023	BOLTJ	BOLT, JOHN	Issued	205	C	108.42
024	12-Oct-2023	BOUNDSEP	BOUNDARY SEPTIC SERVICE	Issued	205	C	1,043.00
025	12-Oct-2023	CAROENV	CARO ANALYTICAL SERVICES	Issued	205	C	508.99
026	12-Oct-2023	CARVEL	CARVELLO LAW	Issued	205	C	874.61
027	12-Oct-2023	DUNDIGI	DUNHAM DIGITAL	Issued	205	C	450.00
028	12-Oct-2023	GRANDHH	GRAND FORKS HOME HARDWARE	Issued	205	C	97.05
029	12-Oct-2023	GREHER	GREENWOOD HERITAGE SOCIETY	Issued	205	C	10,000.00
030	12-Oct-2023	GWLIB	GREENWOOD LIBRARY	Issued	205	C	8,000.00
031	12-Oct-2023	KMSTOOL	KMS TOOLS & EQUIPMENT	Issued	205	C	195.95
032	12-Oct-2023	LANDT	LAND TITLE & SURVEY AUTHORITY OF BC	Issued	205	C	234.51
033	12-Oct-2023	LARTREE	BRANDON MILLETT	Issued	205	C	9,014.25
034	12-Oct-2023	LORDC001	LORDCO	Issued	205	C	61.29
035	12-Oct-2023	MINI	MINISTRY OF TRANSPORTATION AND INFRA	Issued	205	C	1,134.51
036	12-Oct-2023	PENDO	PENDOZI MACHINE SHOP LTD	Issued	205	C	58.87
037	12-Oct-2023	PHOES	PHOENIX MOUNTAIN ALPINE SKI SOCIETY	Issued	205	C	600.00
038	12-Oct-2023	YOUNG001	YOUNG ANDERSON BARRISTERS	Issued	205	C	412.16
0581-0001	28-Sep-2023	BOLTJ	BOLT, JOHN	Issued	190	E	100.00
0581-0002	28-Sep-2023	FORTI002	FORTIS BC NATURAL GAS	Issued	190	E	884.47
0581-0003	28-Sep-2023	HUISC001	HUISMAN, CLINTON JOSEPH	Issued	190	E	100.00
0581-0004	28-Sep-2023	MANULIFE	MANULIFE FINANCIAL	Issued	190	E	3,027.95
0581-0005	28-Sep-2023	MCLEJ001	JESSICA, MCLEAN	Issued	190	E	100.00
0581-0006	28-Sep-2023	MUNIP	MUNICIPAL PENSION PLAN	Issued	190	E	3,739.32
0581-0007	28-Sep-2023	SHAW	SHAW, GERRY	Issued	190	E	100.00
0581-0008	28-Sep-2023	SHAW001	SHAW CABLE	Issued	190	E	21.94
0582-0001	12-Oct-2023	FORTI001	FORTIS BC - Electric	Issued	204	E	8,488.00
0582-0002	12-Oct-2023	MUNIP	MUNICIPAL PENSION PLAN	Issued	204	E	3,509.49
0582-0003	12-Oct-2023	SHAW001	SHAW CABLE	Issued	204	E	612.33

Total Computer Paid :	47,500.74	Total EFT PAP :	20,683.50	Total Paid :	68,184.24
Total Manually Paid :	0.00	Total EFT File :	0.00		

Total No. Of Cheque(s) ...



CITY OF GREENWOOD

2024 Regular Council Meeting Schedule

Greenwood City Hall – 202 S. Government Ave.
PO Box 129, Greenwood, BC V0H 1J0

Monday, January 8, 2024

Monday, January 22, 2024

Monday, February 12, 2024

Monday, February 26, 2024

Monday, March 11, 2024

Monday, March 25, 2024

Monday, April 8, 2024

Monday, April 22, 2024

Monday, May 6, 2024

Monday, May 20, 2024

Monday, June 10, 2024

Monday, June 24, 2024

Monday, July 8, 2024

SUMMER BREAK

Monday, August 12, 2024

SUMMER BREAK

UBCM – September 16-20, 2024

Monday, September 23, 2024

Monday, October 7, 2024

Monday, October 21, 2024

Tuesday, November 12, 2024

Monday, November 25, 2024

Monday, December 9, 2024

CHRISTMAS AND NEW YEAR'S BREAK

City of Greenwood Bylaw No. 997, 2022 – Council Meetings and Procedures

Council Meetings

4. (1) Regular Council Meetings
 - a. Regular meetings of Council are held at City Hall.
 - b. Regular meetings of Council are held on the 2nd and 4th Monday of each month commencing at 7:00 pm.
- (2) Unless Council otherwise determines in advance, when the day fixed for a meeting of the Council falls on a legal holiday that meeting shall be held on the next day following which is not a legal holiday.