

**TOWN OF LOCKEPORT
COUNCIL MEETING
MONDAY, MARCH 27, 2023 AT 1:00 P.M.
AGENDA**

- 1. Call to order**
- 2. Silence Electronic Devices**
- 3. Approval of Agenda**
- 4. Approval of Minutes**
 - Regular Council Meeting Minutes March 13, 2023
- 5. Presentation**
 - Elaine Shelton – Nova Scotia Department of Communities, Culture, Tourism and Heritage
- 6. Department Reports**
 - Community Coordinator Report (Page 1)
- 7. Finance**
 - List of invoices already paid in the amount of \$44,295.18 (Page 2-3)
- 8. Other Business**
 - EMO Training
- 9. Committee Reports**
 - Canada Day Report (Mayor Nickerson)
 - Recreation Report (Deputy Mayor DeMings-Taylor) (Page 4-9)
- 10. Information Only**
 - West Green Harbour Landfill (Page 10-27)
- 11. Date of next meeting**
 - April 11, 2023 at 6:00 p.m.
- 12. “In Camera”**
- 13. Adjournment**

Community Coordinator Report to Council
for March 27, 2023 meeting

Specific details of my work for the past month are provided with the Recreation Committee report for February 20 - March 19, 2023.

Canada Day Celebrations - The minutes from the most recent Canada Day Committee meeting (March 8, 2023) are not available at this time, but it is my understanding that the Committee is hoping that procedures in place for use with the Vendor By-law can be reviewed with an eye to simplifying the process for use by the Committee as it relates to food trucks. In particular, the Committee would like to be able to collect appropriate fees during the festival on behalf of the Town, rather than requiring the vendors to get all their fees submitted to the Town Office during open hours.

Make Your Move Lockeport Grand Launch update - here are a few highlight notes and I will add detail to some of these at the meeting, in particular for points on which I need feedback from Council:

- May 9 will be declared "Make Your Move Day" in NS;
- May 10 is N.S. Walks Day this year and our elementary school plans to host a "Grand Walk" on that date;
- Working with Mabel Mayo to host a special "Seniors Stroll" on May 11, starting and finishing at Surf Lodge;
- Working with MDS events staff to provide additional elements for this celebration;
- Our Grand Launch event will be hosted from Seacaps Park on Saturday, May 13.

Accessibility Coordinator - hoping to have a brief discussion regarding where we are in terms of the recommendation from the Accessibility Advisory Committee to participate in a pilot project to hire a one year term position Accessibility Coordinator to work on activating the Accessibility Plans for Eastern Shelburne County.

Respectfully submitted,

Frances H. Scott
Community Coordinator

LIST OF INVOICES ALREADY PAID TO BE PRESENTED AT THE COUNCIL MEETING OF MARCH 27, 2023		
AAA FIRE EXTINGUISHERS	YEARLY INSPECTION	401.35
BELL ALIANT	REC. OFFICE, FAX, FIRE KITCHEN, LIBRARY, SEWER, REC. CENTRE, EMO	738.18
BELL ALIANT	FIRE DEPT.	69.44
BRAMAC	REINSTALL CHECK VALVE COVER ON SEWAGE LIFT STATION	598.00
BURKE HARRIS TRUCKING	VACCUUM TRUCK SERVICES OF PUMPING STATION	1,063.75
DARES, JESSICA	HONORARIUM FOR CHILDREN'S SUPERVISION	30.00
GREEN DIAMOND	ACCESSORIES FOR PLOWS	280.98
HUPMAN, EMILY ANN	HONORARIUM FOR CHILDREN'S SUPERVISION	45.00
LYDGATE LOCK STOCK AND BARREL	SUPPLIES	31.02
NICKERSON, CORY	MILEAGE FOR JANUARY AND FEBRUARY	129.86
NICKERSON, CORY	CORYNICK ENTERTAINMENT FOR MOVIE MARCH 3 2023, WINTERFEST EVENT	100.00
NOVA SCOTIA POWER	TOWN HALL, HEAT PUMP PRINCIPAL, HEAT PUMP INTEREST, REC. CENTRE, HEAT PUMP PRINCIPAL, HEAT PUMP INTEREST	3,334.76
NOVA SCOTIA POWER	LIGHTHOUSE STAGE, MFR	736.33
NOVA SCOTIA POWER	TRANSPORTATION, LIBRARY	640.71
NOVA SCOTIA POWER	LIFT STATIONS	981.84
NOVA SCOTIA POWER	LIFT STATIONS	1,003.97
NOVA SCOTIA POWER	FIRE HALL, POINT ST. (SIREN), MEDICAL CENTRE STREET LIGHTS, PLAYGROUND, TREATMENT PLANT	2,541.85
NOVA SCOTIA POWER	UV SYSTEM	3,199.83
NOVA SCOTIA POWER	UV SYSTEM	387.83
NOVA SCOTIA POWER	BOARDWALK	117.42
NOVA SCOTIA POWER	UV SYSTEM	345.74
PAYROLL	FEB 25 - MAR 10 2023	17,750.20
RBC VISA - TOWN CLERK/TREASURER	AED FOR TOWN HALL	2,266.34
RBC VISA - MAYOR	FIREWORKS, SMALL TOOLS AND EQUIPMENT FOR FIRE HALL AND MASKS	2,842.09
RECEIVER GENERAL FOR CANADA	CPP STAFF NEED TO PAY	153.04
REGION OF QUEENS	TIPPING FEES	2,224.14
SALTWIRE NETWORK	AD FOR DEVELOPMENT AGREEMENT MAR 8, 2023	316.25
SPERRY, HAILEY	HONORARIUM FOR CHILDREN'S SUPERVISION	30.00
VINCENT, DANIEL	ODRC SERVICES AND MILEAGE	1,175.00
WORKERS COMPENSATION	OPERATIONS, CONSTRUCTION & MAINTENANCE	264.42
WORKERS COMPENSATION	MUNICIPAL OPERATIONS ADMINISTRATIONS	444.78

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XEROX	SERVICE INVOICE	51.06
TOTAL		44,295.18

Town of Lockeport - Recreation Committee
March 23, 2023 Meeting

Minutes

The meeting was called to order 6:00 p.m., March 23, 2023, by the Chair, Deputy Mayor Dawn DeMings-Taylor. Also in attendance were: Councillor Dayle Eshelby, Grace Garren and Community Coordinator, Frances Scott. Regrets: Mike Hupman and MaryAnn Swansburg.

Agenda:

It was duly moved and seconded that the agenda be approved as circulated. Motion carried.

Minutes:

It was duly moved and seconded that the minutes from the January 17, 2023 meeting and the notes from the February 21, 2023 meeting be approved as circulated. Motion carried.

Reports:

Community Coordinator - Fran stated that her report for February 20 - March 19, 2023 was circulated with the packages for the meeting. Fran highlighted two particular points from the report, specifically that ten parasport wheelchairs are due to arrive next week for two weeks of activities including a coaching clinic on March 29; we have been approved for a \$5,000 PARTICIPaction Community Challenge grant with which we will purchase a parasport wheelchair for multisport programming. Fran indicated that most of the remainder of her report would be coming up under other agenda items for the meeting. A copy of the report is attached as part of these minutes.

It was duly moved and seconded that the Community Coordinator report be approved as circulated. Motion carried.

MPAL - Fran pointed out that Benn's report for February was circulated as part of the package for the meeting and that the most relevant Lockeport information appeared on pages one and three as page two focused on SRHS Community Use. Fran added that the Helen Ghent Tennis & Pickelball Club had recently been approved for a \$500 grant for equipment purchases from the joint Municipal Physical Activity Strategy that guides Benn's work.

Facilities - Fran was sad to report that we recently received word that our application for accessibility upgrades to the Play Park under the federal Enabling Accessibility program was not

approved for funding at this time.

School update - Grace reported basketball is now over and the senior boys had a great year, finishing up with a bronze medal at Provincials. Grace added that a ski trip to Martock is scheduled to happen tomorrow, Badminton and Boys Softball teams are getting underway and currently there are five international students attending LRHS.

Old Business:

Winterfest - Fran reported that the week of Winterfest turned out to be one of the snowiest weeks of the winter and as a result she spent much of the week postponing and rescheduling activities. In the end the festival was very successful with a good turn out when events did take place including seniors bingo even though it was a snowy day. The Kidz Carnival ended up taking place on March 3 (week after Winterfest) with a record attendance of 69 children, 6 teenage volunteers and a number of parents. Everyone agreed that the Move in the Snow campaign had very positive engagement on Facebook and it was felt that the promotion had encouraged children to get outdoors and play in the snow.

Volunteer of the Month - Fran pointed out that we have already selected a volunteer to be recognized in April, June and October, but we should be thinking about who should be chosen for other months. The subsequent discussion put forth several suggestions, including some of the high school students who were considered for the Lieutenant Governor's award this year. It was agreed that Fran would reach out to Jennifer Harlow, who oversees that program at LRHS to ask for input in this regard. After that, the following motion was forthcoming.

It was duly moved and seconded that Elsie MacDonald be named as the Volunteer of the Month for May, 2023 and that Ruth & Tim MacIntosh be named as Volunteers of the Month for July, 2023. Motion carried.

Play Park Inspection - Fran stated that March 7 and the entire week before March Break had been very snowy, then during March Break when the snow finally melted it left the ground very mucky. Fran indicated that by Monday, March 20 the ground had dried up considerably and at that point she sent a note to the Public Works department asking that they reinstall the inclusive and tire swings and give the cargo net some attention. Fran was on vacation at that time, so she also provided a copy of the blank inspection form to guide the crew in what to look for within the playground. Fran added that she has arranged for a class from the elementary school to come in next week to help her with a thorough inspection and minor repairs.

Make Your Move Lockeport bingo - Fran pointed out that this promotion is due wrap up next week on March 31 and she asked that Committee members help to encourage people to take part before it ends.

Make Your Move Grand Launch - Fran reported that planning for this upcoming event had been the main focus of the most recent meeting of the Make Your Move Lockeport Leadership Team.

(6)

Fran stated that she would be seeking input from Council on some of the plans at their March 27 meeting and then went on to outline the plan as follows: May 9 will likely be declared "Make Your Move Day" in NS by the provincial legislature and we hope Council will carry out a flag raising ceremony at Seacaps Park to include land acknowledgements by LES students before and after, as well as a mini dance party with upbeat music for all elementary students and anyone else in attendance; May 10 is N.S. Walks Day this year and our elementary school plans to host a "Grand Walk" on that date; Fran has been working with Mabel Mayo to host a special "Seniors Stroll" on May 11, starting and finishing at Surf Lodge and traveling out and back along the new AT lane; May 12 is still a work in progress but several good suggestions have been put forward; and our "Grand Launch" event will be hosted from Seacaps Park on Saturday, May 13 with music all day, several guided walks at intervals throughout the day, information booths by Make Your Move partner groups, healthy food and more. Fran also pointed out that the elementary school would like to be involved with as many community events as they can that week as they will also be using the time as their Wellness Week. Fran has recently started work with MDS events staff to provide additional elements for this celebration, as the municipality hopes it will grow into a spring festival in Lockeport that they will invest in annually.

New Business:

Spring into Lockeport - Fran took a few minutes to explain how this little festival had sprung from an opportunity by the local business community to partner with the Shelburne Area Chamber of Commerce. Fran was careful to point out that she has assisted with some of the coordination for this event, but the main role of the recreation department has been in regards to encouraging community groups to take part in this weekend's Spring Welcome event being held from 3 to 5 p.m. on Saturday, March 25 in the Rec. Centre. Fran asked that the members of the Committee help to encourage people to take in the event that will offer local information booths, food and lots of great prizes. Dawn indicated that she will be attending on behalf of her employer (MacLeod Group/Surf Lodge).

Main Streets Ideas Exchange in Antigonish - Fran read from an email she received from Elaine Shelton, provincial lead for our Make Your Move pilot project, which encouraged representatives of the four pilot communities to attend this upcoming event being offered by the Nova Scotia Federation of Municipalities. The three primary themes of the event are described as: mobility and accessibility at the core of communities; vibrant Main Streets for health and social connection; and Main Streets as Incubators & Catalysts for the Local Economy. Fran pointed out that her work involves elements of all three of these themes and that were she to attend, it would be reasonable to pay her expenses through our pilot project funds.

**It was duly moved seconded, that it be recommended to Council, that the Community Coordinator be authorized to attend the Nova Scotia Main Streets Ideas Exchange event being held in Antigonish on April 27, 2023.
Motion carried.**

Next Meeting:

The next meeting was scheduled to take place Tuesday, April 18, 2023 at 6:00 p.m.

Adjournment:

There being no further business, a motion to adjourn was put forth and the meeting adjourned at 7:35 p.m., March 23, 2023.

Respectfully submitted,

Frances H. Scott
Recording Secretary

Community Coordinator's Report
February 20 - March 19, 2023

The following report provides notes relating to the major activities involved in my work over the past month. The report does not include minor day to day tasks such as office management, payroll submission and minor facility supervision duties:

General - prepared agenda for Feb. 21 joint meeting of Rec. Committee and Make Your Move Lockeport Leadership team, typed report for Rec. Committee, then sent out meeting packages to both with Jan. 17 meeting minutes - attended meeting and recorded notes on Feb. 21, next day typed up meeting notes and provided along with Jan. 17 minutes for Feb. 27 Council meeting packages - prepared my monthly report to Council along with the RFD budget and sent to Jill for inclusion in Feb. 27 Council meeting packages;

Communities on the Move pilot - sent reminder note to Leadership team on Feb. 22 to complete the on line community assessment tool as per request by Sarah Moore - with so many snow days during Winterfest, I created a challenge to take pictures of moving in the snow and submitting them in order to receive a toque or a pair of sunglasses, there was a good uptake on this initiative - met on line Feb. 27 with Anna Haanstra, Elaine Shelton and Benn to discuss job description for CoM Navigator position - met with Cheryl Steeves at LES on Feb. 28 to discuss May 9 NS MYM day, May 10 NS Walks Day (Grand Walk) and LES involvement in other events for that week leading up to our MYML Grand Launch event on May 13 (this will also be LES Wellness Week) - attended on line provincial CoM check in meeting Feb. 28 - attended on line meeting Mar. 7 with Make Your Move provincial reps - met by Zoom with Kerry Copeland on March 9 to discuss Make Your Move at Work (she will send some resources for our Spring Welcome booth);

Facilities - spoke with Brad at Woodworkers to clarify request for baby barn costing for budget purposes, later sent quote info to Joyce and copied Kevin - created March gym calendar blank on Feb. 21 and sent to Jill for printing;

Accessibility - attended on line "Awareness & Capacity Building" webinar on Feb. 23 by Accessibility Directorate (session recommended Foundations training for all employees and involving staff in problem solving to overcome barriers);

Programs - connected with Zach to arrange details for delivery of parasport chairs on Mar. 29 - contacted Ellen Suttle on Feb. 23 to inform of Indoor Walking cancellation for night - issued phone calls, texts and emails to cancel U12 basketball game and evening pickleball on Feb. 24 due to school snow day - sent note on Mar. 1 to Zach at Parasport NS to ask for more details re: parasport coach clinic for Mar. 29 - posted Srs. Bingo on Facebook on Mar. 2 and later set up for and ran bingo with help from Benn who called and Emily who ran kitchen - created posters for March 23 seniors bingo, March 25 Spring Welcome event, and upcoming LRHS activities;

Grants - *New Horizons for Seniors* - received email Feb. 21 indicating approval of \$25,000 for tennis court resurfacing (received call from Rick Perkins, MP office on same date) - reviewed approval with Joyce in order to follow up with accepting grant offer

Clean Leadership - attended on line Employer Webinar on Feb. 21 - Jill attended an on line Employer training on my behalf Feb. 27, so I could attend the Council meeting

PARTICIPaction Challenge - received approval notice on March 11 indicating we will be receiving a \$5000 grant, which will be used to purchase a parasport wheelchair that can be used for local sporting programs;

Festivals - *Canada Day Celebrations* - typed up meeting notes from Feb. 15 meeting - corresponded with several Committee members to clarify Movie Night details for Winterfest event - prepared and sent out meeting notices to Committee for Feb. 22 meeting (and phone Nancy) - updated J1 budget actuals on Feb. 21, same day asked Joyce to use municipal list serve to check on how other units approach vendor permits for festivals on holidays - gathered last three sets of meeting minutes and notes and submitted to Jill for Feb. 27 Council packages, later corrected a few errors based on Jill's edits - attended Committee meeting on Feb. 22 and recorded minutes - spoke with Celebrate Canada program officer on Feb. 24, who suggested we needed to submit a new description for Museum open, to stress this is not usually open and Indigenous games to show it is inclusive, stressing that both events are free and open to all - typed up Feb. 22 minutes including 2023 events budget on Feb. 26, then sent out with draft agenda and meeting notices to Committee for Mar. 1 meeting - confirmed Jamie Cotter will play with his band at the waterfront on June 30 for the same fee as 2022 - worked on editing promotional package and later met with Emily to discuss same on Mar. 7, later sent out meeting reminders to Committee with package attached for review -

Winterfest - worked on flyer for a few hours on Feb. 21 - Facebook posted event notices on Feb. 23 and continued work on flyer by creating a number of event promos and then designing flyer lay-out, later proof read document and after editing, took on USB to Ulrich for printing the first 100 copies - got help from Jill on Feb. 24 to correct small mistake on flyers, later picked up additional 650 flyers from Ulrich - did more Facebook posts every day of festival - managed

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snowy weather all week long with rescheduling events and getting the word out (notices, posts and posters) - created special children's flyers and distributed same to LES students on Feb. 28 - gathered prizes and other supplies for Kidz Carnival event, then took supplies to LRHS and later ran event Mar. 8 (69 children took part + 6 teenage volunteer helpers) - went to LES on Mar. 10 to distribute prizes for Scavenger Hunt;

Community Support - *Spring into Lockeport celebration* - Charlene Harris, Vice President of Shelburne Area Chamber of Commerce called on Feb. 24 to indicate an interest by the Chamber in financially supporting a Lockeport based initiative by the end of March - met with Bevin Joudrie and later Emily Swim on Feb. 24 to discuss this promotion - met with Salty Dogs Barkery owners and Bevin at Lockeport Inn on Feb. 27 to plan for promotion - designed package to promote "Spring into Lockeport" on Feb. 28 based on discussions with various players - met with Bevin briefly on Mar. 3 to work out a few more details - sent out emails on Mar. 7 to invite groups to take part in Spring Welcome event - created posters for Spring into Lockeport festival;

Volunteerism - updated contact list based on information provided by Mary Collishaw on Feb. 21 - wrote up volunteer biography and Facebook posted March Volunteer of the Month, Carrie MacLeod.

Other Meetings, etc.:

- attended Council meeting on February 27 in Council Chambers;
- attended meeting for Health Promoting School supporters held at SRHS on Mar. 6;
- attended Y.S.M.R.A meeting on line March 7 and recorded minutes as host;
- took vacation days March 7, 8, 10 (½ day), 13, 14, 15, 16, 17;

Respectfully submitted,

Frances H. Scott
Community Coordinator



Memo

To: Marcia d'Eon
From: Elisabeth Mance
cc: Ryan Jamieson
Date: February 24, 2023
Subject: West Green Harbour Landfill Final Cover Investigation
Our File: 23-5507

1.0

Introduction

On February 9, 2023, Dillon Consulting Limited (Dillon) visited the West Green Harbour Landfill (Site) to conduct a test pit investigation and a visual assessment of the landfill final cover. Dillon understands that the surface of the landfill has been used as a storage location for the brush received at the Regional Materials Recovery Facility (RMRF). The Municipality of Shelburne (Municipality) is concerned that this practice has compromised the integrity of the landfill's final cover. An investigation was undertaken to confirm the current condition of the final cover and propose a rehabilitation plan (if required).

1.1

Background Information

The Site is located near the community of West Green Harbour, Shelburne County, Nova Scotia. Prior to its closure in the late 1990's, the Site consisted of an incinerator which was located on a bedrock controlled rise at the north end of the property. Between the incinerator and a small stream known as the Reuben Meisners Brook (**Figure 1**), was a disposal area for ash and non-burnable materials. The Site's closure included the construction of a landfill final cover consisting of material with a maximum hydraulic conductivity of 1×10^{-5} cm/sec (centimetres per second), in depths varying from 450 millimetres (mm) to 600 mm as shown on **Figure 1**. In recent years, the surface of the landfill has been used as a storage location for brush received at the RMRF (**Photo 1**). The Municipality has temporarily ceased accepting brush until a suitable, alternative location has been identified and approved.



Photo 1 – Brush Stockpiled on North Side of Landfill

2.0 Field Investigation

The field investigation consisted of a test pit program and a visual assessment of the landfill's current condition. The components of the field investigation are discussed below.

2.1 Test Pit Program

A test pit program was completed to establish the depth and composition of the landfill's final cover in the area where brush has been stored. The purpose of the test pits was to identify areas (if any) where the integrity of the final cover has been compromised and if rehabilitation is necessary. A total of 12 test pits (**Figure 1**) were completed using a Hitachi ZAXIS 75 US excavator (**Photo 2**) and conclusions were made based on a visual assessment. The results of the test pit program are discussed below.



Photo 2 – Hitachi ZAXIS 75 US Excavator

2.1.1

Test Pit 01

Test Pit 01 had a depth of approximately 1.25 metres and exposed the following:

- Brown clay; and
- Boulders/stone.



Photo 3 – Test Pit 01



Photo 4 – Test Pit 01 Excavated Material

2.1.2

Test Pit 02

Test Pit 02 had a depth of approximately 1.25 metres and exposed the following:

- Brown clay; and
- Sandy gravel and ash at depth of excavation.

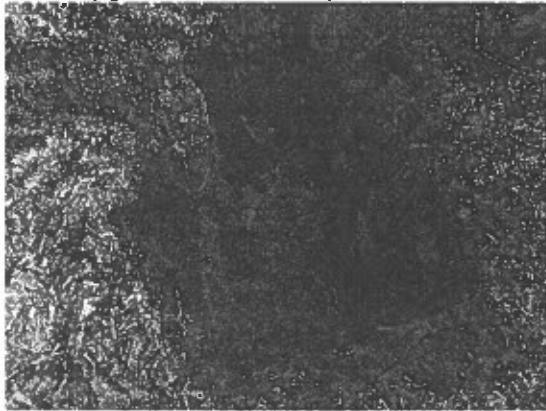


Photo 5 – Test Pit 02

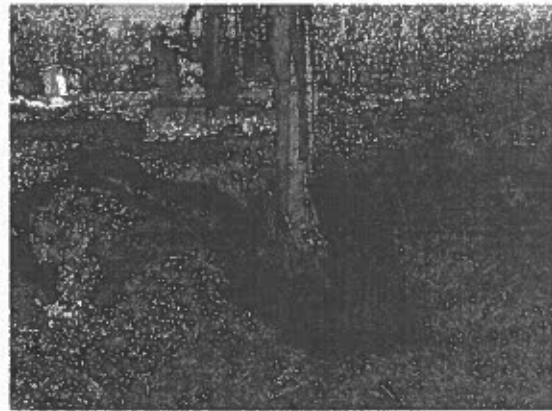


Photo 6 – Test Pit 02 Excavated Material

2.1.3

Test Pit 03

Test Pit 03 had a depth of approximately 1.25 metres and exposed the following:

- Brown clay; and
- Mix of black organic material and waste debris at depth of excavation.



Photo 7 – Test Pit 03

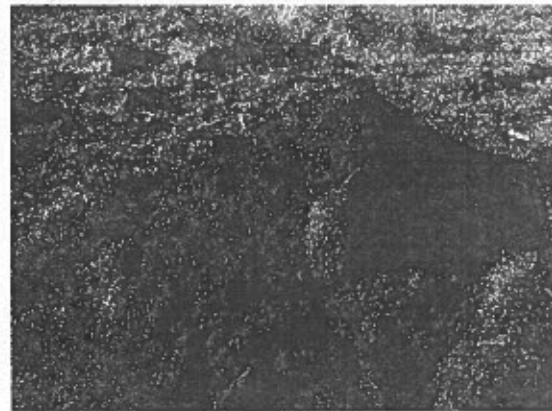


Photo 8 – Test Pit 03 Excavated Material

2.1.4

Test Pit 04

Test Pit 04 had a depth of approximately 1.25 metres and exposed the following:

- Brown clay; and
- Mix of boulders/stones and ash at depth of excavation.



Photo 9 – Test Pit 04

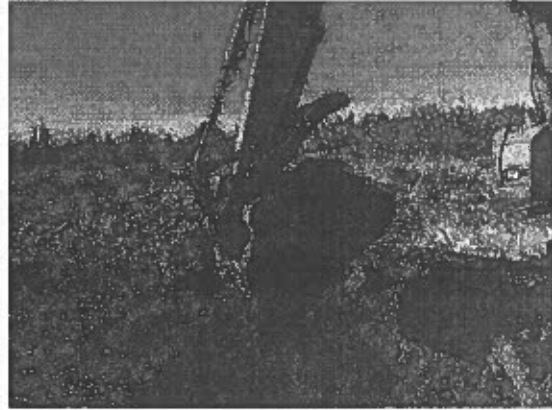


Photo 10 – Test Pit 04 Excavated Material

2.1.5

Test Pit 05

Test Pit 05 had a depth of approximately 1.25 metres and exposed the following:

- Brown clay; and
- Boulders/stones.

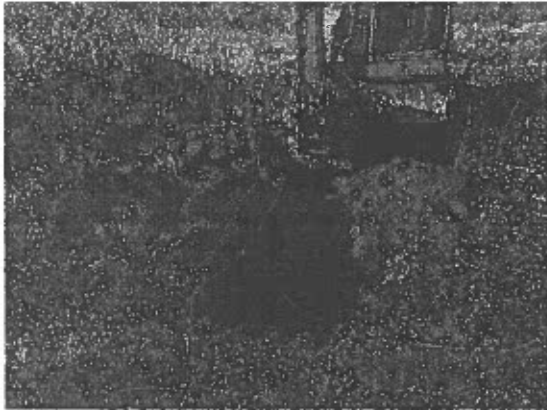


Photo 11 – Test Pit 05

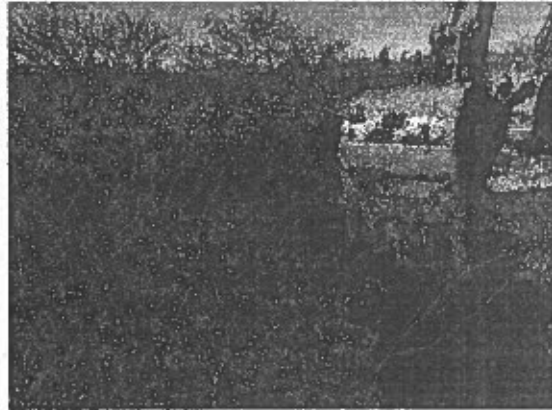


Photo 12 – Test Pit 05 Excavated Material

2.1.6

Test Pit 06

Test Pit 06 had a depth of approximately 1.25 metres and exposed the following:

- Brown clay; and
- Mix of boulders/stones and ash at depth of excavation.

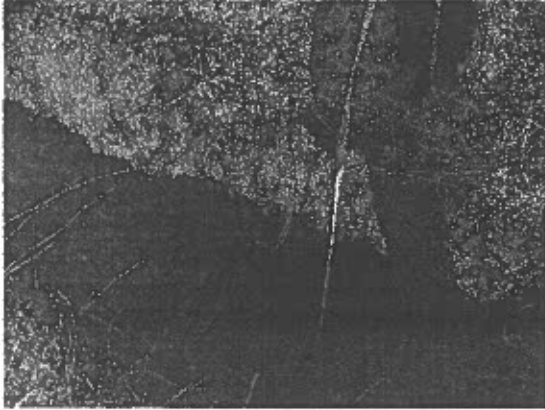


Photo 13 – Test Pit 06

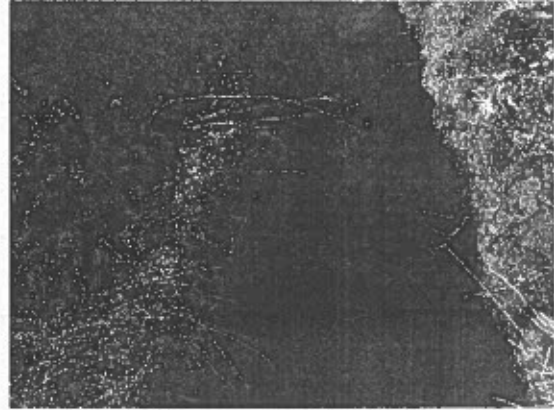


Photo 14 – Test Pit 06 Excavated Material

2.1.7

Test Pit 07

Test Pit 07 had a depth of approximately 1.25 metres and exposed the following:

- Brown clay; and
- Mix of small boulders and ash at depth of excavation.



Photo 15 – Test Pit 07

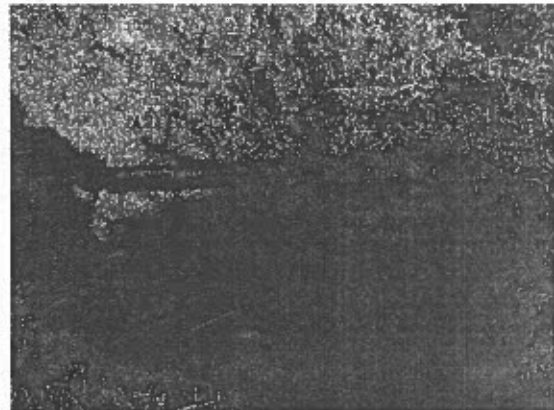


Photo 16 – Test Pit 07 Excavated Material

2.1.8

Test Pit 08

Test Pit 08 had a depth of approximately 1.25 metres and exposed the following:

- Brown clay; and
- Mix of boulders and brown clay.



Photo 17 – Test Pit 08



Photo 18 – Test Pit 08 Excavated Material

2.1.9

Test Pit 09

Test Pit 09 had a depth of approximately 1.25 metres and exposed the following:

- Brown clay; and
- Ash at depth of excavation.

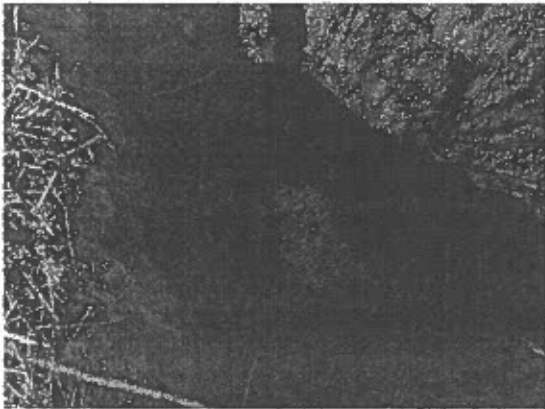


Photo 19 – Test Pit 09



Photo 20 – Test Pit 09 Excavated Material

17

2.1.10

Test Pit 10

Test Pit 10 had a depth of approximately 1.25 metres and exposed the following:

- Brown clay; and
- Mix of boulders/stones with brown clay.

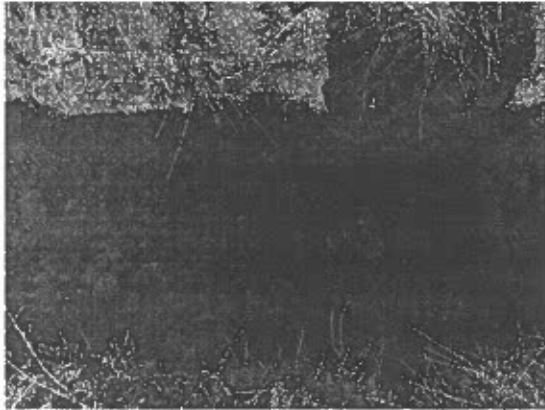


Photo 21 – Test Pit 10

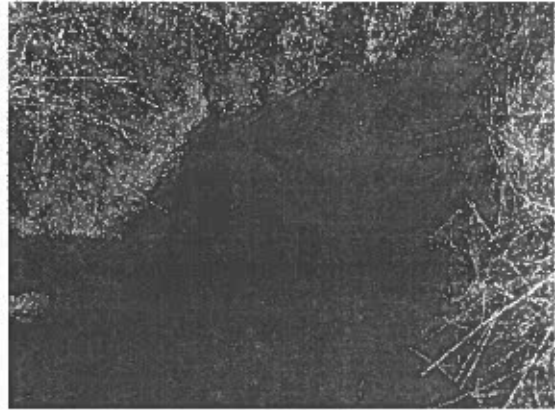


Photo 22 – Test Pit 10 (2)

2.1.11

Test Pit 11

Test Pit 11 had a depth of approximately 1.25 metres and exposed the following:

- Brown clay; and
- Mix of boulders and waste debris at depth of excavation.

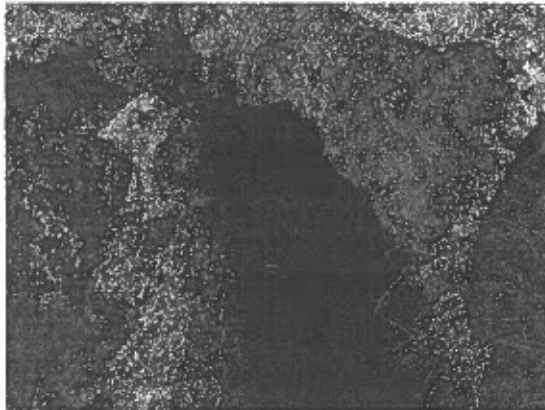


Photo 23 – Test Pit 11



Photo 24 – Test Pit 11 Excavated Material

2.1.12

Test Pit 12

Test Pit 12 had a depth of approximately 1.25 metres and exposed the following:

- Brown clay; and
- Boulders.

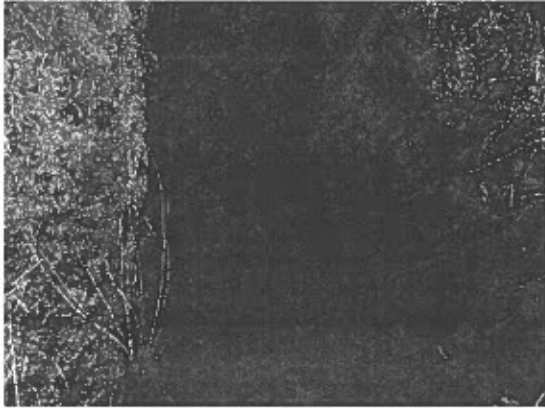


Photo 25 – Test Pit 12

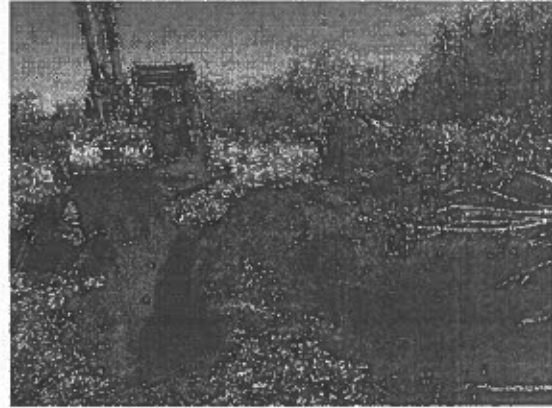


Photo 26 – Test Pit 12 Excavated Material

2.2

Review of Current Conditions

A visual review of the current conditions of the landfill's final cover was undertaken on foot for the remaining areas of the landfill. The review was completed to identify if there was any apparent evidence of potential disturbances to the cover, the presence of heavily rooted vegetation and/or the presence of excessive settlement. Upon a visual review of the landfill's final cover, the following conditions were observed:

- The final cover did not appear to have been disturbed in other areas of the landfill;
- The primary vegetation growth on the final cover consisted of a mixture of grasses and small shrubs, with medium to dense coverage. A stand of alders was located southeast of the brush area (Photo 27);
- No evidence of localized soil settlement was observed; and
- No evidence of vegetative stress was observed which would indicate the presence of landfill gas seeps or venting.

Based on the results of the visual assessment, there was no apparent evidence of disturbances to the final cover. Photos 28 to 31 illustrate the landfill's current condition.



Photo 27 – Alder Growth on Landfill's Final Cover

(20)



Photo 28 – Standing on the Southwest Slope of the Landfill Looking North

(21)



Photo 29 – Standing on the Northeast Landfill Looking Southeast

(22)



Photo 30 – Standing on the Northeast Landfill Looking South



Photo 31 – Standing on the North Landfill Looking West

3.0

Conclusions and Recommendations

The results of the test pit program indicate that the storage of brush on the landfill has not negatively impacted the integrity of the final cover. The test pits generally consisted of a brown clay, with final cover depths exceeding the minimum required 600 mm (in the case of Test Pits 01 through 10) and 450 mm (in the case of Test Pits 11 and 12).

The remainder of the final cover and vegetation was visually observed to be in good condition

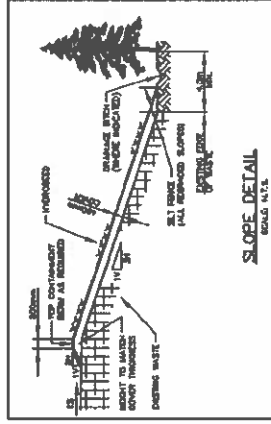
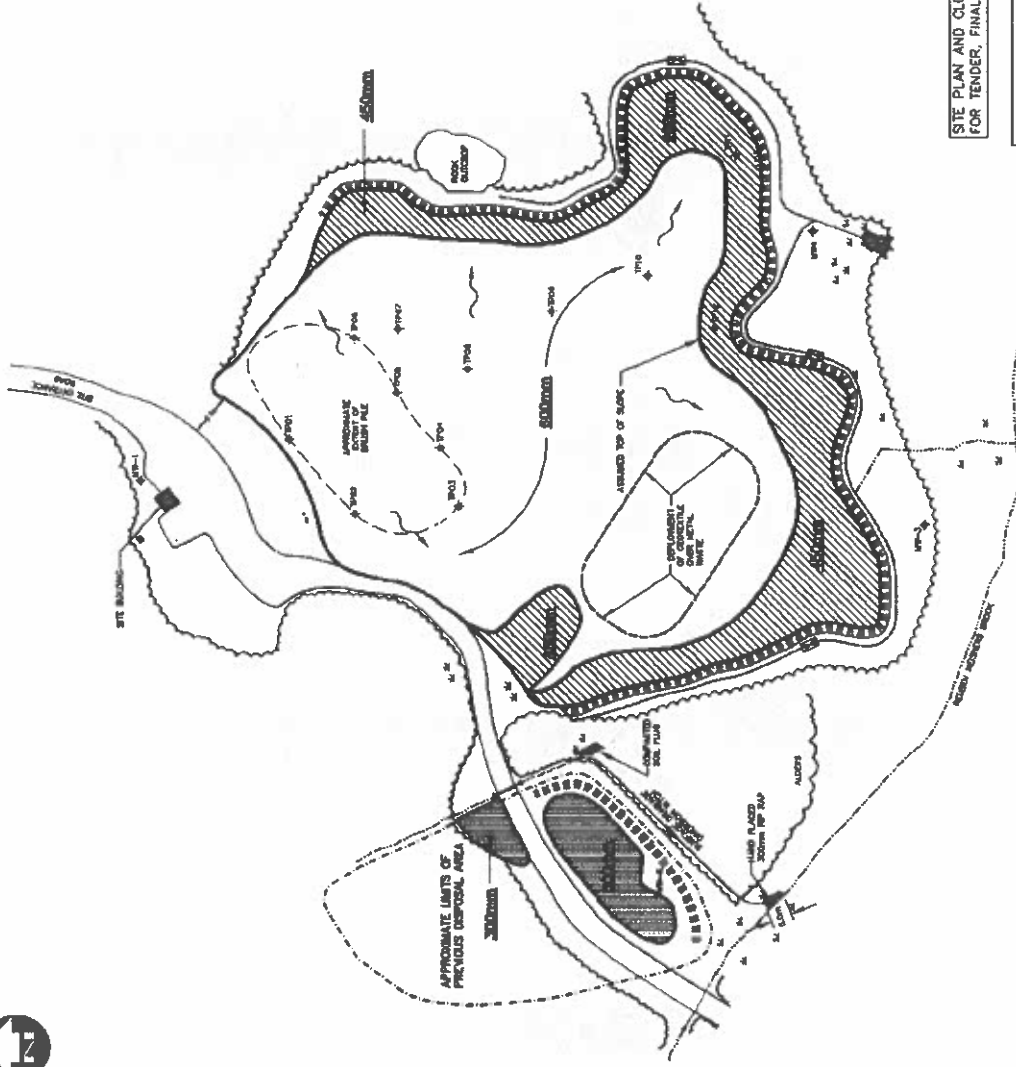
It is recommended that the brush storage area be relocated off of the landfill final cover to ensure that the integrity of the final cover is not compromised in the future. It is noted that there is an approximate 9 m wide area between the edge of the landfill and the road which could be utilized for this purpose (Figure 1). Dillon would recommend delineating the area (e.g., with large rocks or concrete median barriers) to limit the operations from expanding south onto the landfill.

Dillon further recommends limiting the growth of trees on the landfill, with root systems that could advance beyond the depth of the final cover. It is recommended that the alders observed growing southeast of the brush pile be removed.

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LEGEND

- ◆ TEST PIT
- ◊ OBSOLETE TEST PIT
- ◆ PROPOSED PILE
- ◆ PROPOSED WATER/SEWER
- ◆ PROPOSED TRAP
- ◆ SURFACE DRAINAGE DIRECTION
- ◆ LINE OF VEGETATION
- ◆ SURFACE WATER
- ◆ PROPOSED PILE
- ◆ PROPOSED TRAP
- ◆ SEE SLICE WITH LOGS AND TOP COVER MATERIAL
- ◆ DRAINAGE DITCH
- ◆ COVER WASTES WITH REDUCED (TYP)



SITE PLAN AND CLOSURE DESIGN FROM ISSUED FOR TENDER, FINAL COVER PLAN DRAWING (1997)

<p>DILLON CONSTRUCTION</p>	<p>PROJECT: WEST GREEN HARBOUR LANDFILL</p>	<p>PROJECT NO: 23-5507</p>
	<p>TITLE: TEST PIT LOCATION PLAN</p>	<p>FOUR NO: 1</p>
<p>DATE: FEBRUARY 2023</p>		

PLAN
SCALE 1:1000



STAFF REPORT

TO: Municipal Council

FROM: Marcia d'Eon, DOPS

APPROVED BY: Erin Hartley, Deputy CAO

DATE: March 22, 2023

SUBJECT: Dillon Consulting Report RE: C&D Site Cap Disturbance Update

ORIGIN

On January 11, 2023 council approved the re-engagement of Dillon Consulting as consultants regarding the possible cap disturbance at the C&D site. Consultation and investigation were necessary as there was suspicion that the cap had been disturbed due to activities taking place on top of the cap. The surface of the cap has been used as a storage location for the brush received at the Regional Materials Recovery Facility (RMRF) and push back of the brush pile has taken place for many years.

Recommended Motion

For information purposes only.

DISCUSSION

The attached report, dated February 24, 2023 was received from Dillon Consulting via email on February 28, 2023. On February 9, 2023, Dillon Consulting Limited visited the West Green Harbour RMRF to conduct a test pit investigation and a visual assessment of the incinerator final cover. This investigation was necessary as the Municipality of Shelburne had concerns that the brush pile practices have compromised the integrity of the final cover. An investigation was undertaken to confirm the current condition of the final cover and propose a rehabilitation plan (if required). The results of the test pit program indicate that the storage of brush on the landfill has not negatively impacted the integrity of the final cover. It is recommended that the brush storage area be relocated off of the cap to ensure that the integrity of the cap is not compromised in the future. It is noted that there is an approximate 9 m wide area between the edge of the cap and the road which could be utilized for this purpose this is shown on (**Figure 1**) in the attached report. Dillon recommends delineating the area (e.g., with large rocks or concrete median barriers) to limit the operations from expanding south onto the cap. Dillon further recommends limiting the growth of trees on the cap, with root systems that could advance beyond the depth of the final cover. It is recommended that the alders observed growing southeast of the brush pile be removed.

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Once staff proceeds with the next steps noted below, we will come back to council with a staff report with recommended actions.

Next Steps

Staff will obtain quotes for a new brush pile location in the area recommended by Dillon Consulting.**

Staff will obtain quotes for barriers between future activities and the cap.

Staff will obtain quotes for removal of the alders and brush as recommended by Dillon Consulting.

Staff Report to be provided once quotes have been received.

**Please note that the brush pile relocation quotes will be obtained after the new C&D regulations are available (expected this spring).

BUDGET IMPLICATIONS

The cost of the next steps will be provided in a future staff report as they are not known at this time.

ATTACHMENTS

- Report from Dillon Consulting