

# Okanagan Falls Landfill

## 2025 Annual Report

### Operational Certificate: 15279



**Prepared by:**

Regional District of Okanagan-Similkameen

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## 1. INTRODUCTION

The OFLF is currently operated as a natural attenuation landfill under Operational Certificate (OC) 15279 updated June 28, 2011 for the RDOS by the British Columbia Ministry of Environment and Climate Change Strategy (BC MoE). EcoScape Environmental Consultants Ltd (EECL) was retained by the Regional District of Okanagan-Similkameen (RDOS) to prepare the 2025 Environmental Monitoring Report for the Okanagan Falls Landfill (OFLF); their report is attached. The Regional District of Okanagan-Similkameen compiled the operational information for this landfill.

The Okanagan Falls Landfill (OFLF) site is located approximately four (4) kilometers east of Okanagan Falls town site, with access along Allendale Lake Road. The legal description of the site is part of Lot 2710, Similkameen Division of Yale District (S.D.Y.D), commencing at a point 91 meters south of the northeast corner of Sublot 10 of Lot 2710, Plan 1189, which is situated on 8.2 hectares of land, and is leased from the Provincial Crown by the RDOS. Landfilling operations are reported to have commenced at the OFLF prior to 1979.

This report presents the monitoring and operational activities for the 2025 reporting period from January 1 to December 31, 2025. The report was prepared in accordance with the annual landfill reporting requirements outlined in Section 4.4 of the OC. To help the regulator aid in assessment of compliance, we provide a concordance table (Table 1 below), which outlines the Operational Certificate 15279 section requirement and the corresponding report information section.

Effective November 2004, the OFLF became the Regional Receiving Facility for Demolition, Renovation and Construction (DRC) waste. Therefore, the OFLF no longer accepts Municipal Solid Waste containing Food Waste; instead, it is directed to the Campbell Mountain Landfill. In October 2021, a Design, Operation and Closure (DOC) Plan was completed for the Okanagan Falls Landfill Facility (SHA 2019).

Waste accepted at the facility includes co-mingled solid waste containing recyclable materials, largely inert, resulting from the construction, remodeling, repair and demolition of structures, roads, sidewalks and utilities, utility maintenance, and seasonal or storm-related cleanup. The waste may include asphalt, bricks, concrete, other masonry materials, soil, wood and wood products, gypsum or wall board, etc. Additionally, recyclable materials such as wood and yard waste, scrap metal, propane tanks, tires, and batteries continue to be accepted at the OFLF.

**Table 1: Operational Certificate 15279 Concordance Table**

Approved Schedule Condition	Corresponding Report Information Section
<b>Section 4.1 Municipal Solid Waste Management</b>	
4.1.1 - Provide and maintain a weigh scale and record the weight of refuse discharged to the landfill over a 24-hour period	2.4 Waste Disposal Table 2
<b>Approved Schedule Condition</b>	
<b>Corresponding Report Information Section</b>	
<b>Section 4.1 Municipal Solid Waste Management</b>	
4.1.2 - Record the weight or volume of recyclable and reusable materials not being discharged and that are being separated, stored or processed at the landfill over a 24-hour period.	2.3 Waste Diversion Activities Table 2
4.1.3 - If possible, density tests should be performed utilizing a known scaled volume of representative compacted refuse at a frequency of at least once per year and reported in kg per m3.	2.5 Landfill Volume Consumed
<b>Section 4.2 - Vegetation Monitoring</b>	
4.2 - Inspect vegetation during the growing season in the vicinity of the landfill at least once per year to determine if any environmental impacts are occurring and take appropriate remedial action if necessary.	2025 Environmental Monitoring Report
<b>Section 4.3 - Monitoring Program</b>	
4.3.1 - Monitoring Program	2025 Environmental Monitoring Report
4.3.3 - Sampling Techniques	2025 Environmental Monitoring Report
4.3.4 - Analyses	2025 Environmental Monitoring Report , Completed by CARO Analytical in Kelowna, BC a CALA accredited laboratory
<b>4.4 - Annual Report</b>	
4.4.1 (a) - Type and tonnage of waste received, recycled and landfilled	2.3 Waste Diversion Activities 2.4 Waste Disposal 2.5 Landfill Volume Consumed Table 2
4.4.1 (b) - Current topographic map of the active landfill area and soil stockpiles	Figure 1 Figure 2
4.4.1 (c) - Updated estimates for the remaining capacity, closure for the current phase and closure date for the current landfill report	2.7 Remaining Life Capacity
4.4.1 (d) - Any new information or proposed changes relating to the facilities and Design and Operation Plan	2.8 2026 Operation Plan
4.4.1 (e) - Open burning activity, if applicable, including amount of material received for burning, number of burns and updates from a wood waste audit	None

4.4 - Annual Report - Continued	
4.4.1 (f) - Occurrences or observations of wildlife at the facility	None recorded
4.4.1 (g) - A statement regarding progress in reducing the waste stream, in accordance with the hierarchy of reduce, reuse and recycle principles.	2.3 Waste Diversion Activities 2.4 Waste Disposal Table 2
Approved Schedule Condition	Corresponding Report Information Section
Section 4.1 Municipal Solid Waste Management	
4.4.1 (h) - The results of all monitoring programs as specified in this Operational Certificate. Data interpretation and trend analysis, as well as an evaluation of the impacts of the discharges on the receiving environment in the previous year shall be carried out by a qualified professional	2025 Environmental Monitoring Report
4.4.1 (i) - The methods and amounts of leachate collection, treatment and disposal, if applicable	Not Applicable

## 2. LANDFILL OPERATION AND MANAGEMENT

### OLIVER LANDFILL OPERATIONS

The OFLF was operated by Wildstone Construction during the reporting period. As of November 2004, the OFLF no longer accepts Municipal Waste containing Food Waste. Residents and businesses in the area divert these materials to the Campbell Mountain Landfill for disposal. Through favorable tipping fees, demolition, land clearing, and construction waste is encouraged to be brought to the OFLF from the Region. The landfill accepts recyclable materials.

Wastes that are prohibited from disposal at the OFLF, according to Section 4.12 of the OC, include the following:

- Hazardous Wastes other than those specifically authorized in the Hazardous Waste Regulation;
- Bulk liquids, semisolid sludge which contain free liquid;
- Liquid or semisolid wastes (septage, black water, and sewage treatment sludge);
- Automobiles, white goods and other large metallic objects;
- Biomedical waste; and
- Dead animals and slaughter house, fish hatchery wastes, and farming wastes or cannery wastes and byproducts.

The landfill operated from 10:00 a.m. to 1:45 p.m. Monday through Friday and on Saturdays 10:00 a.m. to 1:45 p.m. April to the end of November. The landfill is closed on Sundays and all statutory holidays.

Equipment used at the site includes the following:

- Komatsu WA320-8 Loader;
- John Deere 270D Excavator, and Komatsu PC 200 Excavator (spare);
- 1,500 gallon Water Truck S/A International 4700;
- CAT 816 F Compactor; Ford D 5000 Tandem Axel Bin Truck.

Currently, the OFLF's active face is covered with 0.15 m of daily cover consisting of a mixture of native soil excavated on site and chipped overs (consisting mainly of dirt with fine wood mixed in) from the DLC sort facility.

The contractor performed three sorts of stockpiled Demolition, Renovation and Construction (DRC) materials in 2025. Details on the sort are included in Appendix II.

In 2025, there were 9,955 loads recorded at the landfill which is 5.46% decrease compared to 2024.

## **OFLF FACILITIES**

The entrance to the OFLF is located near the north-east corner of the site off Allendale Lake Road. An access gate controls entrance and/or exit. A page wire fence contains the east, west and south perimeter of the landfill, with a chain-link fence along the north boundary. The entrance gate is locked when the site is closed to prevent unauthorized vehicle entry and uncontrolled waste disposal.

The Scale and Scale House Facility as well as the landfill operator's trailer are located near the entrance at the north end of the Site.

Demolition sorting is performed in the southeast corner of the site.

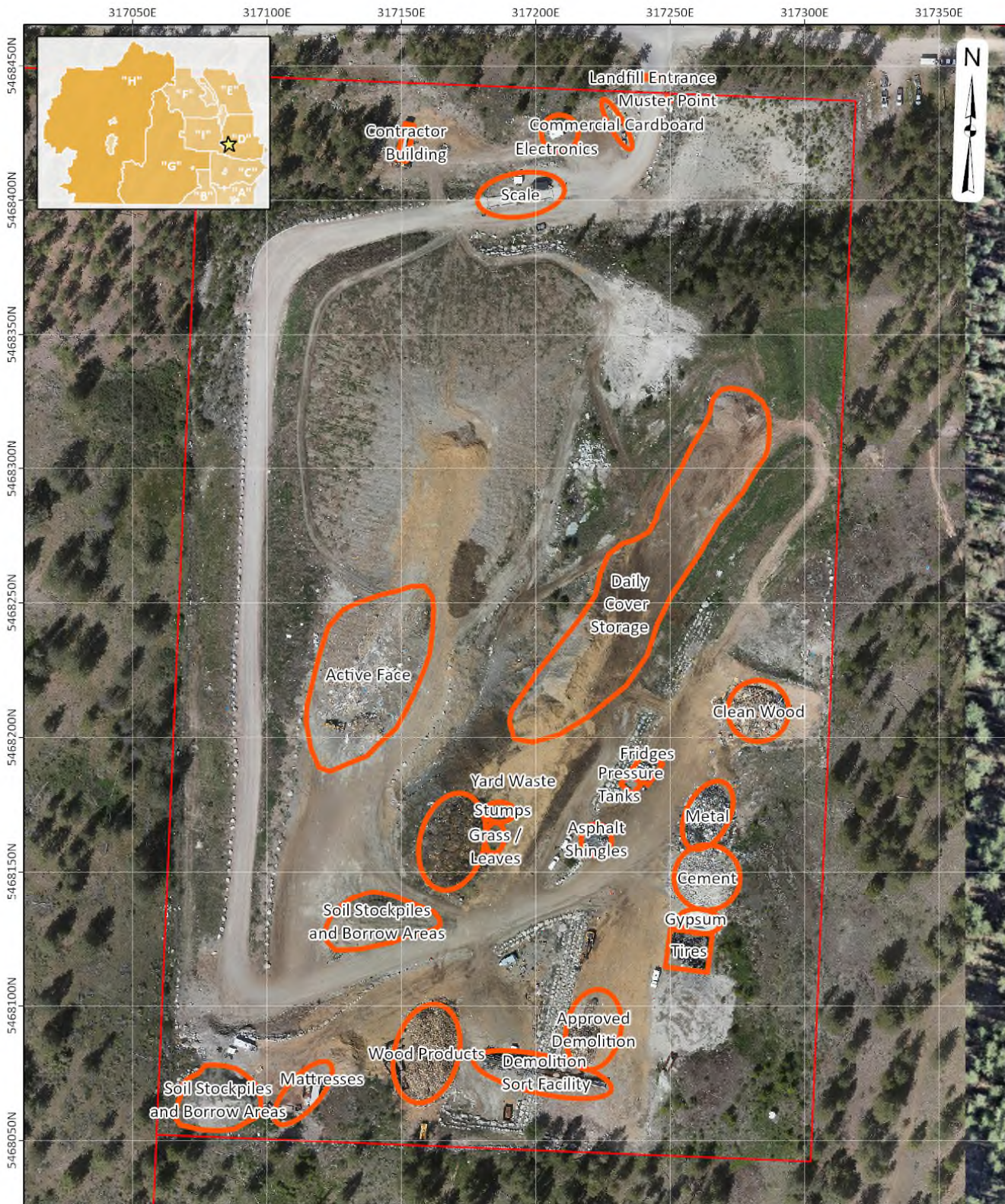
## **WASTE DIVERSION ACTIVITIES**

Recyclable materials brought to the OFLF such as cardboard, mixed paper, aluminum cans, plastic packaging, glass containers, E-waste, batteries and fluorescent bulbs are stored in containers located in front of the scale. Asphalt shingles, concrete, commercial glass, scrap metal, tires, wood and yard waste and pressurized tanks, are placed in designated locations on the Site. The facility also operates a mattress/box spring reduction program. The Site was a RecycleBC depot but stopped being one in 2015.

The OFLF operates a Demolition, Renovation and Construction (DRC) Sort Facility for mixed Demolition waste that has been assessed to WorkSafeBC standards ensuring no asbestos or other hazardous waste is delivered to site. Mixed Demolition Construction and Renovation materials are sorted into recyclables, compostable's, and operationally beneficial materials.

In 2025, the demolition materials were crushed by the excavator and loaded into a hopper. The finer materials are screened and the bulkier items are directed to a sorting table where the materials are manually sorted into garbage, metal and wood. The fines are stockpiled and utilized as Alternate Daily Cover. The misting system that was previously used is no longer used as it was resulting in leachate concerns; instead, pre-sorting is more closely monitored to reduce dust.

Figure 1: 2025 Okanagan Falls Landfill Site Layout

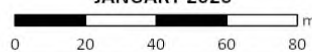


 Landfill Site Areas

NAD 1983  
UTM Zone 11N  
1:1,800

Aerial photo : 07/05/2025  
Site areas current as of January 2026

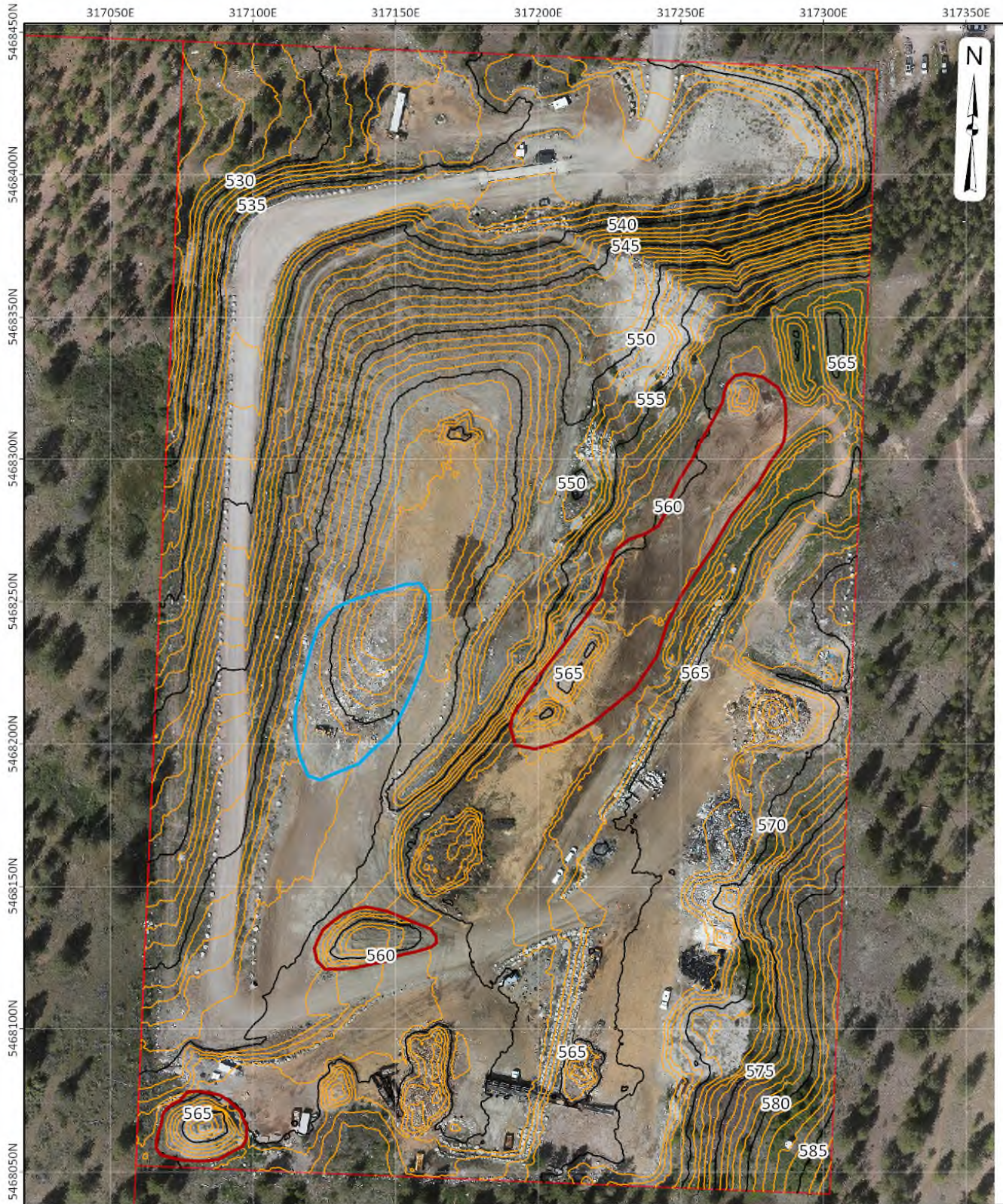
OKANAGAN FALLS LANDFILL  
**SITE PLAN**  
JANUARY 2026



101 Martin Street  
Penticton, BC  
Canada V2A 5J9  
Phone : 250-492-0237  
Email: info@RDOS.bc.ca  
<https://www.rdos.bc.ca>



Figure 2: 2025 Okanagan Falls Landfill Topographical Map



□ Active Face  
□ Soil Stockpiles and Borrow Areas  
— 5m Contour  
— 1m Contour

Aerial photo : 07/05/2025  
 NAD 1983  
 UTM Zone 11N  
 1:1,700

**OKANAGAN FALLS LANDFILL**  
**TOPOGRAPHIC MAP**  
**JANUARY 2026**

101 Martin Street  
 Penticton, BC  
 Canada V2A 5J9  
 Phone : 250-492-0237  
 Email: info@rdos.bc.ca  
<https://www.rdos.bc.ca>

## WASTE DISPOSAL

All wastes received daily at the Okanagan Falls Landfill for disposal and recycling are scaled and recorded. Table 2, below provides the yearly total. Excluding the diverted/recycled materials, 3286 tonnes were landfilled during the reporting period. This was a 17.68% decrease in materials disposed compared to 2024. This DRC landfill is starting to take hold of the construction community as being a valuable resource, there is no other private sector options for DRC recycling.

**Table 2: Summary of Waste and Diverted Materials**

<b>Material (tonnes)</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
Agricultural Plastics	3.69	6.94	3.41	4.21	1.65	7.77	7.86	5.93
Asbestos	0	0	0	0	0	0	0	0
Bulky Waste	3.08	4.82	0	0	12.3	0	0	0
Burnt material	0	0	0	0	0	0	0	0
Construction Mixed	31.82	0	28.64	9.47	11.71	1.84	11.36	0
Construction Mixed – Out Service			4.01	0	1.97	0	0	0
Controlled Waste	0	39.54	6.15	2.95	4.73	8.66	5.21	1.10
Curbside Bulky Waste Area 'D'	25.05	26.21	20.61	20.89	12.29	20.09	19.56	15.95
Demolition/Renovation Mixed Non-Assessed	116.54	67.27	10.22	41.17	7	9.10	12.31	7.40
Demolition Sort Facility Refuse	39.1	37.82	90.2	107.98	1167	1538.34	1454.30	908.59
Garbage – Commercial Account	1062.19	1023.98	1515.08	1410.93	984	943.46	809.93	711.8
Garbage – Refuse Non-Commercial		385.88	304.43	339.75	846	427.76	925.55	1113.68
Garbage - Out of Area		28.85	3.07	0	2	6.18	7.38	2.78
Garbage - Containing Food Waste	0	0	0	0	0	0	0	0
Gypsum	40.59	56.79	81.61	152.93	105.78	91.38	64.98	62.30
Illegal Dumping	.72	0	6.1	.8	0	0.42	8.94	1.11
Lead Painted Materials		1.18	0	0	0.87	0	0.45	0.16
Noxious Weeds/Infested Vegetation	3.3	7.6	39.94	23.51	40.55	20.10	11.27	21.93
Preserved Wood	90.62	98.63	104.42	155.18	65.07	46.56	72.53	55.10
Prohibited Waste		0.27	5.85	.1	4.32	1.32	4.27	2.75
Demolition/Renovation Outside Service Area					634	645	576.03	375.15
<b>TOTAL Disposed at Site</b>	<b>1414</b>	<b>1786</b>	<b>2224</b>	<b>2270</b>	<b>3987</b>	<b>3123</b>	<b>3992</b>	<b>3286</b>
<b>Cover Material (tonnes)</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
Clean Earth Fill	1617.58	1524.73	7578.73	4540.52	1962	5531	1109	1139.30
Contaminated Soil	322.97	0	0	0	0	0	0	0
Sod							0	0
Commercial Glass	1000.52	792.07	713.66	649.87	716	619	628	373.70
Operation Cover - Sorted Demolition	745.81	See notes	378	456.8	807	436	0	0
Tar and Gravel and Asphalt Roofing	254	241.6	243.6	18.55	29.6	249.95	40.82	5.11
<b>TOTAL Contributed for Cover Material</b>	<b>3941</b>	<b>2558.4</b>	<b>8914</b>	<b>5666</b>	<b>3514</b>	<b>6836</b>	<b>1778</b>	<b>1518</b>

<b>Recycled Material (tonnes)</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
Asphalt Shingles	64.48	161.65	106.12	370.51	262	218.69	193.48	207.87
Batteries	0.09	0.16	0	0	0	0	0	1.11
Biosolids (OK Falls/Keremeos)	121.69	0	116	84.76	0	0	0	0
Commercial Cardboard	0	0	9.54	0	23	0.82	17.64	22.83
Concrete, Asphalt, Ceramic, Rock	813.11	405.84	284.8	838.94	302.9	205.21	332.86	252.5
Concrete Bulky			1.87	61.78	0	13.93	56.41	5.33
Concrete (Sort Facility)	102.67	41.57	69.8	100.63	59.7	0	0	0
Fruit Waste (Banned)		0.05	0	0	0	0	0	0
Gypsum	0	0	0	0	106	91.38	64.98	62.30
Metal	207.99	0		79.53	55.2	63.98	66.86	58.68
Metal Recovered wood waste			2.85	0	25.44	0	15.80	0
Timber Waste/Processed Organics White	136.41	119.8	0	0	0	0	0	0
Tree Stumps (m3 converted)	91.2	0	41.6	60.50	14.1	25.42	14.98	9.47
Wood Salvaged			0.5	0	0	0	0	0
Wood Product Contaminated (m3 converted)	1187.32	317.6	630.3	544	385	46.56	72.53	55.10
Wood Clean (m3 converted)			444.3	865.13	369.9	533.40	726.54	409.98
Wood Clean Small Dimension		92.25	219.73	61.02	69	69.26	43.93	25.90
Yard Waste Small Dimension	114.62	251.28	139.55	100.4	199	98.58	99.53	171.24
Organics (m3 converted) Yard Waste	1263.45	603.6	1214.7	1363.23	489.9	695.30	633.07	813.73
Small Pressurized Tanks (units converted)	0.04	0.1	0.1134	.16	0	0	0	0
Large Pressurized Tanks (units converted)	0.68	6.0	0.9384	.67	13.4	18.60	13.50	22.11
Tires (units converted)	4.63	3.41	7.29	8.32	76.8	140.17	123.84	179.35
Tires on Rims (units converted)	0	1.33	0.588	3.39	2.4	1.89	1.55	1.82
Tires Oversized	0	0	0.15	0	0	0.72	0.69	0.10
<b>Residential Recycling (tonnes)</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
Mixed Blue Bag Recycling	-	-	-	-	-	-	-	
RecycleBC Fibre	-	-	-	-	-	-	-	
RecycleBC Containers	-	-	-	-	-	-	-	
RecycleBC Film Plastic	-	-	-	-	-	-	-	
RecycleBC Polystyrene Colour	-	-	-	-	-	-	-	
RecycleBC Polystyrene White	-	-	-	-	-	-	-	
RecycleBC Glass	-	-	-	-	-	-	-	
<b>TOTAL Diverted from the</b>	<b>4111</b>	<b>2046</b>	<b>3291</b>	<b>4543</b>	<b>2043</b>	<b>2224</b>	<b>2478</b>	<b>2299</b>

<b>Landfill</b>													
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**Table 3: Supplemental Information**

Demolition/Renovation Mixed Assessed (tonnes)	739.5	1126.42	985.25	1955.64	1886	1538.34	1454.30	908.59
Demolition/Renovation Outside Service Area (tonnes)	410.8	591.76	567.93	689.90	634	645.13	576.03	375.15
Agricultural Organics (tonnes in Organics)	19.28	77.82	20.32	1.32	0	0.08	51.27	12.80
Electronic Waste (tonnes incl. Campbell Mnt)	1.5	0.54	0.61	.58	0	0	0	0
Yard Waste					2636	796.07	1538	
Mattress / Box spring Diversion (units)	232	208	344	442	340	337	177	249.44
Refrigeration Units (units)	189	179	215	219	125	157	181	64
Loads Received at Scale (number)	7497	9708	10831	10745	9735	10861	10499	10441

**Table 4: Vehicles at Scale per Month 2025**

Loads	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2023	469	433	1111	1262	1207	1114	1017	1019	880	1052	858	439	10861
2024	381	456	875	1221	1121	1065	897	991	816	1019	805	996	10643
2025	353	343	905	1048	1079	1193	1158	944	831	942	800	359	9,955

**Notes:**

The tonnage data from recycled Asphalt Roofing, Batteries, Metal, Tree Stumps, White Wood, Organics, Propane Tanks, Tires, Tires with Rims, MMBC, BCUOMA and Regeneration materials supplied by contractors.

‘Tar and Gravel and Asphalt Roofing’ under the Cover Material is determined by taking the total materials received at Asphalt Roofing less the amount recycled plus Tar and Gravel roofing received. Tar and Gravel roofing weights (non-recyclable but good for cover) is weighted with Asphalt Roofing (recyclable).

The majority of ‘Operational Cover – Sorted Demolition’ was transported to the Oliver Landfill in 2025.

**LANDFILL PER CAPITA RATES**

The Ok Falls Landfill serves a combined area with the Campbell Mountain Landfill so per capita rates of disposal are provided in the CML report.

## **LANDFILL VOLUME CONSUMED**

Refuse compaction rates are a function of the type and size of compaction equipment utilized and the nature of the refuse. As indicated above, an 816 F CAT Compactor is currently used to compact the refuse and is estimated to yield an in-situ refuse density of approximately 0.6 tonnes/m<sup>3</sup>.

The apparent waste density of 4:1 garbage to cover was used to estimate landfill airspace consumption.

Based on the above compaction rate, the estimated landfill volume consumed by the placement of refuse during the reporting period is 3,286 tonnes and cover material is 822 tonnes.

## **APPROVED DESIGN VOLUME**

Based on the 2021 Design, Operations and Closure Plan, the approved design volume for the Okanagan Falls Landfill is 205,846 cubic metres of airspace.

## **REMAINING OF LF LIFE CAPACITY**

The 2021 Okanagan Falls Landfill DOCP by SHA Consulting estimates the remaining airspace to be approximately 220,287 m<sup>3</sup> as of spring 2021. It is calculated that the remainder of phase 1 (2026) and phase 2, provide 42 years of waste filling resulting in final closure in 2062.

## **2025 OPERATION PLAN**

The Okanagan Falls Landfill (OFLF) operating hours for 2026 are planned to be Monday to Friday between 10:00 a.m. and 1:45 p.m., and Saturdays from March through the end of November, between 10:00 a.m. and 1:45 p.m.

The facility will continue to operate primarily as a Demolition, Land Clearing, and Construction (DLC) waste sorting facility, receiving DLC materials for on-site sorting, recovery, and disposal of residual waste in accordance with the Operational Certificate and approved operating practices.

Phase 1 of the landfill is expected to reach capacity in early to mid-2027. Detailed design for the Phase 2 expansion has been completed, and construction is anticipated to occur in fall 2026, subject to regulatory approvals and construction scheduling.

## **OPERATION AND MAINTENANCE EXPENDITURES**

The financial summary for the Okanagan Falls Landfill is a joint budget with the Campbell Mountain Landfill. These expenditures include OFLF Operator costs, labour costs for the gatehouse attendant and other miscellaneous expenses. The income statement and budget for the landfill is presented below.

**Table 4: Financial Summary for 2025 for CMLF and OKLF**

<b>GL Account</b>	<b>Actual</b>	<b>Budget</b>
<b>Revenues</b>		
1-3500-4600 - FEES - REFUSE DISPOSAL	(3,908,006)	(3,653,602)
1-3500-4601 – FEES WAIVED – PIB (ILLEGAL DUMPING)	-	-
1-3500-4605 - REFUSE DISPOSAL - OK FALLS	(461,191)	(524,138)
1-3500-4610 - GYPSUM DISP. FEES	(105,565)	(81,446)
1-3500-4620 - ORGANIC DISPOSAL FEES	(428,093)	(284,340)
1-3500-4630 - SCRAP METAL RECYCLING	(169,493)	(161,000)
1-3500-4640 – RECYCLE BC REVENUE	-	(47,000)
1-3500-4650 – RECYCLING DEPOT REVENUE	(11,132)	(9,038)
1-3500-6000 - TRANSFER FROM RESERVE	-	-
1-3500-6080 - TRANSFER FROM CLOSURE RESERVE FUND	-	-
1-3500-6290 - TRANSFER FROM OPERATING RESERVE	-	(1,000)
1-3500-9000 – MISCELLANEOUS REVENUE	(52,231)	(46,229)
1-3500-9990 - PRIOR YEARS SURPLUS	-	-
1-3500-9001-WOOD CHIPPING RECOVERABLE	-	-
<b>TOTAL REVENUE</b>	<b>(5,135,711)</b>	<b>(4,807,793)</b>

<b>GL Account</b>	<b>Actual</b>	<b>Budget</b>
<b>Expenses</b>		
2-3500-1000 – PENTICTON/D3 REFUSE DISPOSAL WAGES	846,221	918,941
2-3500-1050 – OK FALLS LANDFILL WAGES	83,755	84,870
2-3500-1001 – SALARIES & WAGES – NEW FTE	-	-
2-3500-1400 – ADMINISTRATION CHARGES	250,335	250,335
2-3500-1422 – IT SUPPORT COSTS	10,503	10,503
2-3500-2500 - OPERATIONS	206,735	125,000
2-3500-2501 – OPERATIONS-OKFL	46,975	25,875
2-3500-3000 – COSULTANTS - CML	19,071	18,000
2-3500-3001 – CONSULTANTS - OKF	-	8,000
2-3500-3520 - CONTRACT SERVICES - OPS OK FALLS	452,326	559,969
2-3500-3521 - CONTRACT SERVICES - OPS CMLS	870,470	874,161
2-3500-3522 - CONTRACT SERVICES - RECYCLING	266,364	181,125
2-3500-3523 - CONTRACT SERVICES - RECYCLING – OK FALLS	20,814	20,700
2-3500-3525 - CONTRACT SERVICES - WOOD WASTE CHIP	487,738	569,250
2-3500-3526 - CONTRACT SERVICES - WOOD WASTE CHIP OK FALLS	184,773	93,150
2-3500-3527 - CONTRACT SERVICES - SHINGLE RECYCLE	-	-
2-3500-3528 CONTRACT SERVICES – CONCRET CRUSHING	54,602	93,150
2-3500-3529 - CONTRACT SERVICES - SHINGLE RECYCLE OK FALLS	-	-
2-3500-3530 - HHW DISPOSAL CONTRACTOR	103,353	87,975
2-3500-4000 - EDUCATION & TRAINING CMLF	4,987	3,830
2-3500-4001 - EDUCATION & TRAINING OKLF	450	788
2-3500-5000 - ENVIRONMENTAL CONTROL CMLF	16,695	23,288

2-3500-5001 - ENVIRONMENTAL CONTROL OKLF	2,448	2,174
2-3500-5100 - ENVIRONMENTAL MONITORING CMLF	33,832	50,715
2-3500-5101 - ENVIRONMENTAL MONITORING OKLF	7,441	25,000
2-3500-5400 – DEPRECIATION	-	-
2-3500-6000 - INSURANCE – PROPERTY	8,332	6,876
2-3500-6050 - INSURANCE – LIABILITY	16,404	16,827
2-2-3500-6100 – INSURANCE VEHICLES	319	-
2-3500-6150 - INSURANCE - ENVIRONMENTAL	42,149	34,155
2-3500-6200 - LEGAL FEES CMLF	165	15,000
2-3500-6210 – LEGAL FEES OKFL	-	1,035
2-3500-7000 – SUPPLIES	4,806	2,588
2-3500-8010 - ADVERTISING - PUBLIC EDUCATION CMLF	9,180	10,350
2-3500-8011 - ADVERTISING - PUBLIC EDUCATION OKFL	493	631
2-3500-8200 - TRAVEL/LEASING CMLF	44,791	39,750
2-3500-8250 - TRAVEL/LEASING OKFL	430	4,000
2-3500-8500 – UTILITIES CMLF	50,686	45,968
2-3500-8510 - UTILITIES OKFL	1,379	3,209
2-3500-8700 - LANDFILL LEASE	192,949	194,641
2-3500-9200 - TRANSFER TO CLOSURE RESERVE CMLF	-	72,260
2-3500-9201 - TRANSFER TO CLOSURE RESERVE OKLF	-	-
2-3500-9202 – TRANSFER TO VEHICLE REPLACEMENT RESERVE	-	13,442
2-3500-9270 - TRANSFER TO CAPITAL RESERVE CMLF	-	216,762
2-3500-9271 - TRANSFER TO CAPITAL RESERVES OKLF	-	103,500
2-3500-9290-TRANSFER TO OPERATING RESERVE	-	-
2-3500-9650-BAD DEBTS EXPENSE CMLF	-	-
2-3500-9655-BAD DEBTS EXPENSE OKLF	-	-
<b>TOTAL EXPENSES</b>	<b>\$4,341,971</b>	<b>\$4,807,793</b>

\*The Capital Reserve combines both the Closure and Capital Reserve contributions

## **LANDFILL GAS MANAGEMENT**

Sperling Hansen Associates prepared Supplementary Landfill Gas Generation Assessment in 2024. Approximately 102,131 tonnes of waste has been landfilled at the Site since 1979. A landfill is termed a regulated landfill site under the Regulation if it has 100,000 tonnes or more of MSW in place or receives 10,000 or more tonnes of MSW in any calendar year after 2008.

As a result, the Site is not considered a 'regulated landfill site' as per Section 4(5) of the Regulation.

The estimated 2025 methane generation for the Site was approximately 56 tonnes. As the regulatory threshold is 1,000 tonnes of methane per year, the RDOS does not need to submit a LFG Management Design Plan to the MOE at this time.

Unique concerns have been identified relating to demolition landfills, including concentrated hydrogen sulfide production due to gypsum and fires due to wood waste. The RDOS will consider operational requirements to minimize these risks. A proposed solid cap of 600 mm of silty sand and gravel with 300 mm of vegetated topsoil is expected to be sufficient to allow the gas to vent to the atmosphere.

### 3. CONCLUSIONS AND RECOMMENDATIONS

#### LANDFILL OPERATION CONCLUSIONS

C1 Excluding composted/recycled materials which were diverted from the landfill, 3,286 tonnes (not including cover material) were landfilled at the OFLF. Phase 2 expansion design and construction is expected to commence in 2026-2027.

#### LANDFILL OPERATION RECOMMENDATIONS

- R1 A new Design, Operations and Closure Plan was completed in 2021 and includes an updated fill plan.
- R2 Phase 2 expansion work will be undertaken in 2026 to continue uninterrupted landfilling activity.

#### ENVIRONMENTAL CONCLUSIONS AND RECOMMENDATIONS

The attached 2025 Environmental Monitoring Report by EcoScape Environmental Consultants Ltd. contains additional Environmental Conclusions and Recommendations.

### 4. REFERENCES

- Sperling Hansen Associates (SHA), 2021. Okanagan Falls Landfill Design, Operation and Closure Plan,
- Sperling Hansen Associates (SHA), 2024. OK Falls Supplementary LFG Report. PRJ24070

## **Appendix I – 2025 Environmental Monitoring Report**

