

File No.: 04-1000-20-2024-019

January 19, 2024

s.22(1)

Dear s.22(1)

**Re: Request for Access to Records under the Freedom of Information and Protection of Privacy Act (the "Act")**

I am responding to your request of January 9, 2024 under the *Freedom of Information and Protection of Privacy Act* for:

**Record of the final approved project quantities for Vancouver Landfill Phase 4 Closure works for the year 2023.**

All responsive records are attached.

Under section 52 of the Act, and within 30 business days of receipt of this letter, you may ask the Information & Privacy Commissioner to review any matter related to the City's response to your FOI request by writing to: Office of the Information & Privacy Commissioner, [info@oipc.bc.ca](mailto:info@oipc.bc.ca) or by phoning 250-387-5629.

If you request a review, please provide the Commissioner's office with: 1) the request number (#04-1000-20-2024-019); 2) a copy of this letter; 3) a copy of your original request; and 4) detailed reasons why you are seeking the review.

Yours truly,

*[Signed by Cobi Falconer]*

**Cobi Falconer, MAS, MLIS, CIPP/C**  
**Director, Access to Information & Privacy**  
[cobi.falconer@vancouver.ca](mailto:cobi.falconer@vancouver.ca)  
453 W. 12th Avenue Vancouver BC V5Y 1V4

If you have any questions, please email us at [foi@vancouver.ca](mailto:foi@vancouver.ca) and we will respond to you as soon as possible. Alternatively, you can call the FOI Case Manager at 604-871-6584.

Encl. (Response Package)

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Item	Description	Qty	Unit	Unit Rate	Qty To Date	Qty Balance	% Complete
<b>1.0 Contract Considerations</b>							
<b>2.0 Earthworks</b>							
<b>3.0 Landfill Closure</b>							
3.03	Supply and Install 12 oz Non-woven Geotextile - Below Liner	150,520	m2		163,171.10	(12,651.10)	108%
3.04	Supply and Install LLDPE 40 mil White Double Textured Liner	150,520	m2		153,263.07	(2,743.07)	102%
3.05	Supply and Install 12 oz Non-woven Geotextile - Above Liner	150,520	m2		157,289.93	(6,769.93)	104%
3.06	Supply and Install 5-25 mm Clear Crushed Gravel Above Liner	138,625	m2		130,711.36	7,913.64	94%
3.08	Geomembrane Anchor Trench	1,310	m		1,228.47	81.53	94%
3.09	Geomembrane Tie-in	1,346	m		1,612.57	(266.57)	120%
3.10	Liner Penetration Boots	22	ea.		22.00	-	100%
3.11	Supply and Install 606 Draintube Panels Below Liner - Temporary Closure	34,398	m2		35,106.57	(708.57)	102%
3.12	Supply and Install LLDPE 30 mil White Double Textured Liner - Temporary Cl	34,398	m2		35,106.63	(708.63)	102%
3.13							
3.14	Supply and Install 8 oz Non-woven Geotextile - Above Crushed Gravel	141,830	m2		122,694.66	19,135.34	87%
<b>4.0 Leachate Management</b>							
4.01	Leachate Interceptor Trench c/w 250 mm φ HDPE DR17 Slotted Pipe - Phase	577	m		556.23	20.77	96%
4.02	Leachate Interceptor Cleanouts	3	ea.		3.00	-	100%
4.03	1200 mm φ Concrete Leachate Manhole c/w Sump, Lid, Warning Signs	2	ea.		2.00	-	100%
4.06	Leachate Culvert #1 - 600 mm φ HDPE DR17 Extension (Pond #6)	220	m		240.67	(20.67)	109%
4.07	Leachate Culvert #2 - 450 mm φ HDPE Double-wall Corrugated (Pond #6)	45	m		43.06	1.95	96%
4.10	Gas Sample Port #1	1	LS		1.00	-	100%
4.11	Gas Sample Port #2	1	LS		1.00	-	100%
4.12	Gas Sample Port #3	1	LS		1.00	-	100%
<b>5.0 Surface Water Management</b>							
5.05	Stormwater Downchute - Type 1 c/w Recess Liner System	35	m		37.08	(2.08)	106%
5.06	Storm Culvert #1 - 600 mm φ HDPE DR17 (Ph4S)	235	m		220.62	14.38	94%
5.07	Storm Culvert #2 - 600 mm φ HDPE DR17 (Ph5S)	475	m		470.77	4.23	99%
5.08	Storm Culvert #3 - 450 mm φ and 600mm φ HDPE DR17 c/w South Road Cro	1	LS		1.00	-	100%
5.09	Storm Culvert #4 - 400 mm φ HDPE Corrugated Pipe - Temporary Closure	25	m		19.90	5.10	80%
5.10	Storm Culvert #5 - 450 mm φ HDPE DR17 - Ph4N	20	m		22.67	(2.67)	113%
5.11	Storm Culvert #6 - 600 mm φ HDPE DR17 - Ph4N	25	m		24.97	0.03	100%
5.12	Storm Culvert #8 - 450 mm φ HDPE DR17 - Ph4W	140	m		76.16	63.84	54%
5.13	Storm Culvert #9 - 600 mm φ HDPE HDPE DR17 - Ph2 Tie-in	30	m		23.92	6.08	80%
5.14	Storm Culvert #10 - 400 mm φ x 8 m HDPE Corrugated Pipe - Temporary Clo	27	ea		26.00	1.00	96%
5.17	Phase 1 Storm Pipe - 800 mm φ HDPE DR17 and HWs	1040	m		1,037.27	2.73	100%
5.18	Phase 1 Storm Pipe Cleanouts	14	ea		14.00	-	100%
5.20	Phase 1 Storm Pipe Tie-in with Existing 600 mm φ HDPE	2	ea		2.00	-	100%
5.21	Phase 1 Liner Re-and-Re	30	m		51.88	(21.88)	173%
5.22	Phase 1 Liner and Cover System Adjustments	600	m2		148.46	451.54	25%
5.23	Liner Penetration Boots	3	ea.		7.00	(4.00)	233%
<b>6.0 Stormwater Pond #6</b>							
6.01	Supply and Install GCL - Below Liner	29,529.0	m2		29,562.95	(33.95)	100%
6.02	Supply and Install 12 oz Non-woven Geotextile	15,697.8	m2		14,966.15	731.65	95%
6.03	Supply and Install LLDPE 60 mil White Double Textured Liner	45,226.8	m2		44,082.32	1,144.48	97%
6.04	Supply and Install 12 oz Non-woven Geotextile - Above Liner	45,226.8	m2		44,082.89	1,143.91	97%
6.05	Supply and Install 5-25 mm Clear Crushed Gravel	18,972.0	m2		8,520.49	10,451.51	45%
6.06	Geomembrane Anchor Trench	810.0	m		808.53	1.47	100%
6.07	Supply and Install 8 oz Non-woven Geotextile - Above Crushed Gravel	18,972.0	m2		8,137.23	10,834.77	43%
6.10	Liner Penetration Boots	6.0	ea		6.00	-	100%
6.11	Forcemain - 450 mm φ HDPE DR11	50.0	m		47.87	2.14	96%
6.12	Stormwater downchute - Type 1 c/w Recess Liner System	18.0	m		11.37	6.63	63%
6.15	Pond Discharge Pipe - 450 mm φ HDPE DR17 and HWs	285.0	m		285.53	(0.53)	100%
6.24	Installation of up to 9,900m2 of Biaxial Geogrid	9,900.0	m2		7,410.58	2,489.42	75%
<b>7.0 Landfill Gas System Upgrades</b>							
7.17	Alternate Well Seal 1 - Bentonite Grout (deleted)	46	ea		-	46.00	0%
7.18	Alternate Well Seal 2 - Expandable High Strength Foam (deleted)	46	ea		-	46.00	0%
7.20	Pipe Trench Type 1 for Pressure Relief Pipe	2754	m		2,583.61	170.39	94%
7.21	Pipe Trench Type 2 for Pressure Relief Pipe	300	m		255.32	44.69	85%
7.39	Cover Penetration Seal, Type 1 for 200 mm Pipe	46	ea		46.00	-	100%
7.40	Cover Penetration Seal, Type 2 for 100 mm Pipe	22	ea		22.00	-	100%
7.41	Cover Penetration Seal, Type 2 for 150 mm Pipe	41	ea		14.00	27.00	34%
7.42	Cover Penetration Seal, Type 3	4	ea		3.00	1.00	75%
7.43	Cover Penetration Seal, Type 4 for 150 mm Pipe	35	ea		68.00	(33.00)	194%
7.44	Cover Penetration Seal, Type 5 for 600 mm Pipe	10	ea		10.00	-	100%
7.66	Pipe Trench Type 8 for 250 mm Gas, Air, & Leachate Pipe	1278	m		1,165.38	112.63	91%
7.72	Pipe Trench Type 8 for 400 mm Gas, Air, & Leachate Pipe	625	m		674.84	(49.84)	108%
7.73	Pipe Trench Type 9 for 400 mm Gas, Air, & Leachate Pipe	315	m		233.94	81.06	74%
7.75	Road Crossing, Type 3 for 400 mm Gas Pipe	3	ea		3.00	-	100%
7.106	Ditch Crossing for 200 mm Gas Pipe	2	ea		2.00	-	100%
7.107	Ditch Crossing for 250 mm Gas Pipe	6	ea		6.00	-	100%
7.110	Pipe Trench Type 3 for DrainTube Gas Collector Manifold Pipe at Crest	300	m		251.16	48.84	84%
7.112	Pipe Trench Type 4 for DrainTube Gas Collector Manifold Pipe at Ridge	125	m		105.75	19.26	85%
<b>8.0 Infrastructure Upgrades &amp; Miscellaneous Works</b>							
CO 1	Drop and Cleanout for 800mm Phase 1 Storm Pipe at Maxim Pipe Conflict						
CO 2	Subheader Decom and New AZW Connection to Existing 400mm HDPE						
CO 3	Revisions to Storm Culvert 3						
CO 4	Expose Existing soil riser pipe/valves, replace with new pipe and penetration seals						
CO 5	Stockpile ~2500m3 of peat on rd 50						
CO 6	Removal of Road Crossing and Pipes						
CO 7	Supply and Install -19mm in Road Areas						
CO 8	Steamer Response						
CO 9	Collection of Leachate Break-out in Rd 65						
CO 10	Supply and Install of Leachate Collector						
	Trench, supply and install 150mm HDPE perf pipe & 25-75mm drain rock & g	197	m		195.82	1.18	99%
CO 11	AZW Metering Station Components						
CO12	Misc. Items Provided Spring 2020						
CO13	CCO M Soil Quantities and Scope Deferral						
CO16	Widening of Road 65 Crossing						

CO17	CTW-02 Corrective Repairs (T&M)						
CO19	North Leachate Ditch Work Soil Credit						
CO20	Seven New Temporary VGWs, Piping/Trenching and Connections						
CO22	Lateral G Re-Works						
CO23	Rd 45, Electricity, Compost, East Runoff						
<b>CO29</b>	<b>Supply Only Geosynthetics</b>						
3.03	Supply 12 oz. Non-woven Geotextile - Below Liner	101,143	m2		(0.00)	101,143.00	0%
3.04	Supply LLDPE White Double Textured Liner	101,917	m2		(0.00)	101,917.00	0%
3.05	Supply 12 oz. Non-woven Geotextile - Above Liner	101,714	m2		(0.00)	101,714.00	0%
3.12	Supply LLDPE 30 mil White Double Textured Liner - Temporary Closure	34,398	m2		(0.00)	34,398.00	0%
3.14	Supply 8 oz Non-Woven Geotextile - Above Crushed Gravel	117,830	m2		(0.00)	117,830.00	0%
6.02	Supply 12 oz. Non-woven Geotextile - Below Liner	8,067	m2		(0.00)	8,067.00	0%
6.03	Supply LLDPE 60mil White Double Textured Liner	8,188	m2		0.00	8,188.00	0%
6.04	Supply 12 oz. Non-woven Geotextile - Above Liner	7,957	m2		0.00	7,957.00	0%
CO24	MH Extension per S.I.#4 and additional drilling mobilization						
CO25	Zone 5 Temporary connections for laterals C, D & E						
<b>CO26</b>	<b>Wellhead Manifold Work Extras</b>						
2	Manifold X	1	LS		1.00	-	100%
3	Manifold A	1	LS		1.00	-	100%
4	Manifold B	1	LS		1.00	-	100%
6	Pipe Trench Type 9 for 250mm Gas Pipe	100	m		97.90	2.10	98%
8	Cover Penetration Seal, Type 4 for 200mm Pipe	19	ea		40.00	(21.00)	211%
CO27	Salvage Storm Culvert 8 Pipe						
<b>CO28</b>	<b>Lateral F Pipe trench changes for increased grade</b>						
1	Revised Pipe Trench Type 8 for 250 mm Gas, Air, & Leachate Pipe	190	m		184.79	5.22	97%
					-	-	
CO30	North Leachate Ditch Cleaning						
<b>CO32</b>	<b>Draintubes for Phase 5 S L1_Supply and Install Draintube + Piping in Ph5 South</b>						
5	Pipe Trench For DrainTube Gas Collector Manifold Pipe Above	171	m		181.54	(10.54)	106%
7	Pipe Trench For 200mm Gas Pipe	700	m		647.98	52.02	93%
12	Supply and Install 606 Draintube Panels On Ph5S Lift 1	25200	m2		23,165.75	2,034.25	92%
CO33	Well Pads and Other Misc. Work in 2021						
CO35	MISC Work Extras Nov Dec 21						
CO36	Extra Swale/Ditch Construction and Changes to Width & Depth						
CO38	Well Pads and Other Misc. Work in 2021						
<b>CO39 (CCO ZJ)</b>							
A	Manifold C,D, & Y - CO26 addressed changes to X, A, B manifolds only	1	LS		1.00	-	100%
B	Liner patch - CoV damage to liner, Pond Rd	1	LS		1.00	-	100%