

**The Corporation of the City of Kawartha Lakes**  
**Agenda**  
**Lindsay-Ops Landfill Public Review Committee Meeting**

**2022-003**

**Wednesday, June 22, 2022**

**Electronic participation begins at 3:00pm. For access to Zoom link please contact  
[ksnoddy@kawarthalakes.ca](mailto:ksnoddy@kawarthalakes.ca)**

**Public Works and Engineering Boardroom**

**322 Kent Street West**

**Lindsay, ON K9V 4T7**

**Members:**

**Councillor Pat Dunn**

**Chris Appleton**

**Barry Hodgson**

**Lloyd Robertson**

**Larry Scrivens**

**David Webb**

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1.	Call to Order	
2.	Adoption of Agenda	
3.	Disclosures of Pecuniary Interest	
4.	Approval of the Minutes of the Previous Meeting	3 - 6
5.	Reports	
5.1.	PRC Activity Summary Spreadsheet	7 - 7
6.	Landfill Complaints	
7.	Leachate Outbreaks	
8.	Other New Business	
8.1.	Biomonitoring Report and Update	
8.2.	Lindsay Ops 2021 AMR Presentation	
8.3.	Update to Committees of Council Orientation Package	
9.	Public Comment Period	
10.	Next Meeting	
11.	Adjournment	8 - 11

**The Corporation of the City of Kawartha Lakes**  
**Minutes**  
**Lindsay-Ops Landfill Public Review Committee**  
**Meeting**

**2022-002**

**Wednesday, April 20, 2022**

**3:00 P.M.**

**Public Works and Engineering Boardroom**

**322 Kent Street West**

**Lindsay, ON K9V 4T7**

**Members:**

**Councillor Pat Dunn**

**Chris Appleton**

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**1. Call to Order**

The Chair called the meeting to order at 3:02pm.

**2. Adoption of Agenda**

**Moved By** Councillor Dunn

**Seconded By** L. Scrivens

Resolved that the Agenda be adopted as printed.

**Carried**

**3. Disclosures of Pecuniary Interest**

There were no declarations of pecuniary interest disclosed.

**4. Approval of the Minutes of the Previous Meeting**

**Moved By** L. Scrivens

**Seconded By** Councillor Dunn

Resolved that the minutes be approved.

**Carried**

**5. Reports**

**5.1 PRC Activity Summary Spreadsheet**

Kerri went through the spreadsheet items and provided updates.

In regards to the leachate water quality results David Webb asked what is the purpose of reviewing these. Kerri noted that the PRC requested that these be reviewed each month. David Kerr also indicated that reviewing patterns in water quality will help to distinguish any anomalies or issues.

In regards to the Lindsay Ops EA Process update David Webb made comments on the public consultation process and stated that all options should be included in the public consultation process not just the ones that were evaluated as part of the Future Options Study. David Webb asked if the PRC would be willing to make a resolution supporting this. David Kerr stated that this would not be within the mandate of the PRC but invited David Webb to present a deputation to the Waste Management Advisory Committee at the next meeting on Monday April 25th.

In regards to C&D recycling, David Webb asked how the City could exponentially increase C&D recycling. David Webb and Chris Appleton both suggested varying tipping fees for mixed loads waste and C&D and loads of only C&D which can be recycled.

**Moved By** C. Appleton

**Seconded By** Councillor Dunn

Resolved that the committee requests staff to prepare a report with opportunities to improve C&D recycling including varied pricing and information on neighboring municipalities by the end of Q3.

**Carried**

## **6. Landfill Complaints**

The City received two complaints regarding litter on the landfill property and blowing litter onto a neighboring property on April 8th and April 18th. The complaints were sent to the MECF and staff continue to work to clean up litter on site and around the site.

## **7. Leachate Outbreaks**

No leachate outbreaks.

## **8. Other New Business**

### **8.1 Blue Box Transition Update**

Kerri presented an update on the blue box transition. Lloyd Robertson asked if the new system would continue to be two stream or move to one stream. Kerri explained this would be up to the producers starting in 2026 but it would likely stay two stream because there is less contamination.

### **8.2 ECA Amendments**

Kerri provided the updated landfill and storm water ECAs to the PRC and pointed out the updated sections. There were no questions or comments.

## **9. Public Comment Period**

No comments.

## **10. Next Meeting**

It was determined that Kerri would update the PRC with a proposed date for the next meeting.

**11. Adjournment****Moved By** Councillor Dunn**Seconded By** C. Appleton

Resolved that the meeting be adjourned at 4:55pm.

**Carried**

**Lindsay Ops Landfill Public Review Committee  
Action List**

<b>Meeting Date of Activity</b>	<b>Action</b>	<b>Responsibility</b>	<b>Action Item Date:</b>	<b>Status</b>
17-Jun-15	MECP Comments	CKL	As Available	<b>June 22 Meeting:</b> MECP inspected site on April 22 due to recent complaints received about blowing litter. MECP asked we continue to collect litter, and place more cover in an area of the landfill.
21-Jan-15	Provide update on quarterly PCB testing (SW3/ SW13)	CKL	Quarterly	<b>June 22 Meeting:</b> First surface water sampling event occurred on April 26th no PCBs detected. 3 more sampling events to occur this year. Next sampling will be completed before July 31st.
23-Nov-16	Biomonitoring	CKL	As Available	<b>June 22 Meeting:</b> 2022 Biomonitoring Report Completed and ECA Amendment to remove program submitted. To discuss as Agenda Item.
21-Jan-19	Leachate Water Quality Results	CKL	As Available	<b>June 22 Meeting:</b> See attached spreadsheet.
15-May-13	Generator, Wellfield, Flare Operations	CKL	Monthly	<b>June 22 Meeting:</b> Generator has been running consistently. Hydro One recently scheduled a shut down for two days so they could do maintenance on their own infrastructure.
20-Jun-18	Lindsay Ops EA Process Update	CKL	As Available	<b>June 22 Meeting:</b> Future Options Study public consultation ongoing. Recommend to go to Jump In Page and complete survey.
15-Jan-14	That the PRC is copied on Staff Reports to Council regarding the Lindsay Ops Landfill	CKL	As Available	<b>June 22 Meeting:</b> Infrastructure Capital Study was approved by council for budgeting purposes in May. Dave will provide brief update.
17-May-17	Waste Management Advisory Committee Update	CKL	As Available	<b>June 22 Meeting:</b> WMAC meeting postponed.
17-Jan-17	Updates on Blue Box markets and Legislation	CKL	As Available	<b>June 22 Meeting:</b> Circular Materials Ontario, the PRO who will be administering the new program is in the process of getting municipal feedback and preparing contract documents for partnering with municipalities during transition period.
16-May-18	Construction and Demolition Update	CKL	As Available	<b>June 22 Meeting:</b> Our goal is to recycle another 1000 tonnes in 2022. So far we've recycled over 620 tonnes.
8-Jan-20	Update on Implementation of Waste Strategy Initiatives	CKL	As Available	<b>June 22 Meeting:</b> Curbside textile event June 20-23, approximately 25 tonnes of bulky plastics recycled, working on installing a second mattress trailer for recycling.









Lindsav Ons

Exceeds Bylaw Value  
Exceeds PWQO Value

Parameters	CKL Sewer Bylaw Limits (mg/L)	Provincial Water Quality Objectives (mg/L)	Jan. Results (mg/L)	Feb. Results (mg/L)	Mar. Results (mg/L)	April. Results (mg/L)	April. Results (mg/L) new cell	May Results (mg/L)	June Results (mg/L)	July Results (mg/L)	August Results (mg/L)	September Results (mg/L)	October. Results (mg/L) new cell	Oct Results (mg/L)	Nov Results (mg/L)	Dec Results (mg/L)
Hardness (CaCO3)	N/A	N/A	568	542	501	595	824									
Alkalinity (CaCO3)	N/A	N/A	657	584	477	563	1100									
Biochemical Oxygen Demand (BOD)	300	N/A	< 3	4	< 3	< 3	20									
TDS	N/A	N/A	932	820	734	900	2179									
Dissolved Organic Carbon	N/A	N/A	6.2	6.7	4.9	7.4	53.9									
COD	N/A	N/A	40	35	22	35	232									
Chloride	N/A	N/A	150	117	103	109	413									
Ammonia (N) - Total	N/A	1.11	12.1	9.98	6.19	10.7	124									
Fluoride	10	N/A	< 1	< 0.1	< 0.1	< 0.1	< 1									
Phenolic, 4AAP	1	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001									
Sulphate	N/A	N/A	46	40	39	39	139									
Nitrite	N/A	N/A	< 0.5	< 0.05	< 0.05	< 0.05	< 0.5									
Nitrate	N/A	N/A	0.63	0.14	< 0.05	0.77	9.61									
Kjeldahl Nitrogen - Total	50	N/A	14.5	12.2	8.4	13.8	157									
Aluminum - Total	50	0.075*	0.08	0.1	0.08	0.18	0.12									
Antimony - Total	5	0.02	< 0.0005	0.0006	0.0005	< 0.0005	0.0026									
Arsenic - Total	1	0.1	0.0012	0.0011	0.0019	0.0032	0.0059									
Barium	N/A	N/A	0.278	0.22	0.235	0.394	0.336									
Beryllium	N/A	1.1**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002									
Boron	N/A	0.2	0.269	0.208	0.185	0.28	4.3									
Cadmium - Total	0.7	0.0002	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070									
Calcium	N/A	N/A	180	178	170	197	228									
Chromium - Total	2.8	0.0099	0.004	0.01	0.007	0.002	0.012									
Cobalt - Total	5	0.0009	0.001	0.0007	0.0009	0.0011	0.0071									
Copper - Total	2	0.005	0.0005	0.0005	0.0016	0.0026	0.0056									
Iron	N/A	0.3	19.3	14	39.2	89.6	4.84									
Lead - Total	1	0.005	< 0.0001	0.0002	0.0004	0.0013	0.0001									
Magnesium	N/A	N/A	29	23.6	18.6	25	61.8									
Manganese - Total	5	N/A	0.488	0.454	0.345	0.548	0.379									
Mercury - Total	0.01	0.0002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002									
Molybdenum - Total	5	0.04	0.0016	< 0.0005	< 0.0005	< 0.0005	0.0021									
Nickel - Total	2	0.025	< 0.01	< 0.01	< 0.01	< 0.01	0.04									
Potassium	N/A	N/A	13.9	10.2	8	11.1	142									
Phosphorus	N/A	N/A	< 0.1	< 0.1	< 0.1	11.1	142									
Phosphorus - Total	10	0.01	0.03	0.02	0.04	0.05	0.2									
Selenium - Total	1	0.1	< 0.005	< 0.005	< 0.005	< 0.005	0.23									
Silver - Total	0.4	0.0001	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001									
Sodium	N/A	N/A	84.5	73.2	68.7	77.1	373									
Strontium	N/A	10 bq/L	0.632	0.554	0.5	0.651	1.59									
Thallium	N/A	0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003									
Vanadium	N/A	0.006	0.0007	0.0007	0.0014	0.0021	0.0057									
Zinc - Total	2	0.03	< 0.005	0.036	0.01	0.014	0.028									
Benzene	0.01	0.1	0.0013	0.0018	0.0008	0.0014	n/a									
Toluene	0.02	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	n/a									
Ethylbenzene	0.06	0.008	0.0024	0.0005	<0.0005	0.0007	n/a									
Xylene, m, p -	N/A	N/A	0.0024	0.0012	<0.001	0.001	n/a									
Xylene, o -	N/A	0.04	<0.0005	<0.0005	<0.0005	<0.0005	n/a									
Xylene, m, p, o -	N/A	N/A	0.0024	0.0012	<0.0011	<0.0011	n/a									

Parameters	Limits	Provincial Water Quality Objectives	Jan. Results	Feb. Results	Mar. Results	April. Results	Apr. Results New Cell	May. Results	June. Results	July. Results	Aug. Results	Sept. Results	Oct. Results New Cell	Oct Results	Nov Results	Dec Results
pH (at 25 °C)	6.0 - 9.5	6.5 - 8.5	7.69	7.26	7.28	7.45	7.73									
Conductivity (at 25 °C)	N/A	N/A	1610	1470	1290	1477	4060									
Conductivity (calculated)	N/A	N/A	1530	1375	1181	1352	3541									
Anion Sum	N/A	N/A	18.4	15.8	13.3	15.2	37.1									
Cation Sum	N/A	N/A	17.3	15.7	15.3	21.1	45.3									
% Difference	N/A	N/A	3.01	0.241	7.21	16.3	9.85									
Ion Ratio (AS/CS)	N/A	N/A	1.06	1	0.866	0.72	0.821									
Sodium Adsorption Ratio	N/A	N/A	1.54	1.37	1.34	1.38	5.65									
TDS (calc.) / EC (actual)	N/A	N/A	0.578	0.557	0.568	0.61	0.537									
Langelier Index (at 25°C)	N/A	N/A	1.26	0.784	0.707	0.942	1.61									