

# Southgate OMRC

## Public Advisory Committee

### Minutes PAC Meeting #36

Memo Approved by Consensus as of May 14, 2024

LYSTEK SOUTHGATE ORGANIC MATERIALS RECOVERY CENTRE

**Date:** April 10, 2024

**Time:** 7 pm

**Location:** Teams Conference Call

#### Attendance:

Joan John - Township of Southgate  
Christina Rittwage – Community Member  
Michael Sherson – Community Member  
Simon Meulendyk – Lystek  
Adrienne Van Dyk – Lystek  
Merv Mcleod (Chair) - Mcleod Wood Associates Inc

#### Agenda Items:

1	Welcome	Called to order at 7:08 pm
2	Review of Meeting #35 Minutes	Previously approved by consensus
3	Approval of Agenda	Consensus
4	<p>Public and Media Attendance</p> <p>It was noted that the Public and Media Attendance section of the Terms of Reference identifies a process designed for when annual public meetings were held at site, however, since COVID meetings have changed over to video systems such as TEAMS and Zoom. Suggestions to improve public participation in the annual PAC meetings include:</p> <ul style="list-style-type: none"><li>• The annual public meeting should be a consistent date,</li><li>• Advertising through social and traditional media</li><li>• When there is increased interest by the public and media about specific events or issues, perhaps, a specific issue(s) meeting could be held at site.</li><li>• PAC members should encourage interested members of the public to attend meetings and/or join the PAC,</li><li>• Lystek to assist in maintaining a contact list for the purpose of communicating with interested members of the public regarding the PAC,</li></ul>	Discussion
5	<p>Annual Meeting Date Change and other changes (Att. Changes/Amendment OMRC PAC Terms of Reference)</p> <ul style="list-style-type: none"><li>• Add in Section 3 the Chairperson can be a professional non-resident and must have been approved by the PAC members.</li><li>• Add in Section 5 When the chairperson is a hired professional the chair will take notes and prepare minutes of the meeting for</li></ul>	Consensus

	<p>distribution for comment and approval.</p> <ul style="list-style-type: none"> <li>Identify in Section 9 the annual meeting will occur on the 2<sup>nd</sup> Wednesday of April.</li> <li>Change in Section 14 When the chairperson is a professional and a non-resident, the chair shall not have a vote.</li> </ul>	
6	<p>Complaint Reporting Process Review</p> <ul style="list-style-type: none"> <li>When a community member reports to a PAC member <i>The PAC group discussed the need to clarify how complaints/comments from community members be recorded and forwarded to Lystek. It was suggested that when a PAC receives a complaint or other comments, they should do the following:</i> <ol style="list-style-type: none"> <li>Take name and contact point.</li> <li>Record date</li> <li>Forward information to Lystek Southgate OMRC</li> <li>Also let them know that there is a public meeting that they can attend to hear more about the OMRC, and</li> <li>There is a website hosted by the Southgate OMRC with information about the site and minutes of PAC meetings, etc.</li> </ol> </li> <li>When a complaint is made directly to Lystek <i>Simon spoke about how a complaint is responded to and forwarded to MECP. When a complaint is received, Lystek will investigate, and forward the complaint to MECP with complaint and investigation findings. MECP responds when they determine there is need for further action by Lystek. PAC members noted that they would like to see better response from MECP in regard complaints submitted to MECP, even when there is no directive issued by MECP.</i></li> <li>When a complaint is made to Ministry of Environment, Conservation and Parks <i>Complaints received by the MECP are forwarded to Lystek for Lystek to proceed with an investigation. Lystek provides the investigation report to the MECP. MECP then determines if any further action is required. Lystek is unaware of the communication provided to the individual that directly contacts the MECP.</i></li> </ul> <p><i>Simon affirmed he will follow up with the MECP on a review of the feedback process on direct complaints to the MECP. Any response he receives will be communicated to the PAC.</i></p>	Discussion
7	<p>Current Membership Update &amp; New Member Recruitment</p> <ul style="list-style-type: none"> <li>Sherifa Carmichael informed the Chair that has stepped down from the PAC as she no longer meets the geographic criteria to be a member.</li> </ul> <p>Discussion regarding recruitment of interested persons to participate in the PAC.</p> <ul style="list-style-type: none"> <li>Simon mentioned that historically the community membership was a result of interested individuals reaching out or being invited to attend the PAC meeting. Public interest in Lystek has been steadily declining since facility commissioning.</li> <li>Joan John said that she has raised the need for community membership at the Council meetings and has posted information on the community bulletin board.</li> <li>Any advertising for PAC meetings will also include a line related to community membership.</li> <li>The Southgate OMRC website will regarding the PAC will also mention</li> </ul>	<p>Accepted</p> <p>Discussion</p>

	<p>about community membership.</p> <p><i>Information</i></p> <p><i>The Terms of Reference regarding membership on the PAC:</i></p> <p><i>Section 2 Composition</i></p> <p>a. <i>four to six representatives of the community; at least one representative must reside within 2.5 km of the facility.</i></p> <p>b. <i>two representatives of the Owner of the OMRC facility</i></p> <p>c. <i>a representative of the Township of Southgate Council (elected official)</i></p> <p>d. <i>one member at large from the scientific community and/or with a knowledge of sewage biosolids and any applicable legislation for biosolids in Ontario (optional position)</i></p> <p><i>Section 6. Membership in the PAC shall be for two (2) years and members may be reappointed by consensus of the other members.</i></p> <p><i>Current Membership is:</i>  <i>Merv McLeod (Chair)</i>  <i>Joan John (Councillor, Township of Southgate)</i>  <i>Michael Sherson, confirmed Jan 2023 (Community Member)</i>  <i>Christina Rittwage, confirmed Jan 2022 (Community Member)</i>  <i>Simon Meulendyk (Lystek)</i>  <i>Adrienne Van Dyk (Lystek)</i></p>	
8	<p>Operations Update-Simon Meulendyk</p> <p>Highlights:</p> <p>The OMRC has very low turnover rate of employees at the site</p> <ul style="list-style-type: none"> <li>• 4 employees received 10 year awards</li> <li>• 1 new employee has reached 1 year anniversary</li> <li>• 2 employees have informed Lystek of their retirement, therefore, an operator and driver will be hired in near future.</li> </ul> <p>Incoming Customer Notes:</p> <ul style="list-style-type: none"> <li>• New customer. Greenway WWTP, as the onsite incinerator required repairs.</li> <li>• The site received contingency material from 3 customers (2 incinerators and 1 pelletizer) due the customer's own on-site processing issues</li> <li>• LCBO liquid for waste and confiscated product</li> </ul> <p>Land Application</p> <ul style="list-style-type: none"> <li>• Trending to be a later start to spring with present moisture and temperature conditions.</li> <li>• Once conditions allow, spring schedule filled out with fertilizer customer fields</li> </ul> <p>ECA Amendment</p> <ul style="list-style-type: none"> <li>• Lystek has sought an amendment to the site's Air and Noise ECA <ul style="list-style-type: none"> <li>○ Allows additional odour treatment process options. Plan is to build and commission by end of 2024.</li> </ul> </li> </ul>	Accepted by Consensus
9	<p>Community Correspondence</p> <ul style="list-style-type: none"> <li>• There has been no correspondence from community members</li> </ul>	

10	<p>Action Items</p> <ul style="list-style-type: none"> <li>• Chair will update Terms of Reference as per decisions of the PAC, and</li> <li>• Simon affirmed that any response he receives from MECP regarding their complaint feedback process will be communicated to the PAC, and</li> <li>• Suggested process for complaints to PAC members: <ol style="list-style-type: none"> <li>1. Take name and contact information.</li> <li>2. Record date of complaint/comment</li> <li>3. Forward information to Lystek Southgate OMRC</li> <li>4. Also let them know that there is a public meeting that they can attend to hear more about the OMRC.</li> </ol> </li> </ul>	
11	Adjourn Meeting	Adjourned 8:45pm

Stored Product Analysis  
2023



Lystek Southgate Organic Materials Recovery Centre (OMRC)  
191 Eco Park Way, Dundalk, Ontario

Constituent	January	February	March	April	May	June	July	August	September	October	November	December	Yearly Average	Maximum Allowable Concentration <sup>a</sup>	Units
<b>Metals</b>															
Arsenic	BDL	3.00	1.00	BDL	2.00	2.00	BDL	3.00	2.00	4.00	2.23	2.63	2.43	170	mg/kg
Cadmium	2.91	2.74	3.07	2.64	2.43	3.47	2.87	3.15	3.90	2.95	0.70	0.30	2.59	34	mg/kg
Cobalt	6.32	5.61	3.31	5.88	5.21	5.35	5.41	5.75	5.48	5.90	5.60	5.30	5.43	2,800	mg/kg
Chromium	102.65	90.70	114.55	84.10	79.06	76.00	86.45	87.85	87.60	58.78	74.10	73.30	84.60	340	mg/kg
Copper	847.00	800.00	614.50	846.00	681.67	760.50	768.50	824.00	774.50	602.23	730.00	737.00	748.83	1,700	mg/kg
Mercury	0.60	0.30	0.30	0.30	0.60	0.60	0.20	0.20	0.50	0.80	0.62	0.68	0.48	1,100	mg/kg
Molybdenum	16.80	14.90	26.90	14.30	12.80	12.50	14.40	14.30	13.20	10.70	12.50	16.70	15.00	11	mg/kg
Nickel	40.06	31.62	26.66	29.12	27.63	26.95	32.18	32.66	30.12	24.31	28.90	26.60	29.73	94	mg/kg
Lead	38.00	23.00	14.00	23.00	22.00	25.00	30.00	31.00	28.00	20.00	32.00	61.80	28.98	420	mg/kg
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.20	4.10	3.65	34	mg/kg
Zinc	985.50	772.00	594.50	774.00	787.78	808.00	779.50	838.00	852.00	743.48	807.00	902.00	803.65	4,200	mg/kg
<b>Nutrients and Physical Properties</b>															
Total Solids	11.35	11.77	12.06	11.53	11.43	10.94	11.42	11.20	11.52	11.92	11.00	11.50	11.47	n/a	%
Volatile Solids	6.40	6.71	7.79	6.63	6.75	6.20	6.33	6.18	6.43	7.84	6.20	6.47	6.66	n/a	%
Total Organic Carbon	313,100	316,600	358,900	319,600	328,200	305,400	307,900	306,500	310,000	365,200	299,000	313,000	320,283	n/a	mg/kg
Total Kjeldahl Nitrogen	59,000	57,800	74,700	58,100	31,400	58,500	60,200	58,100	57,600	58,100	63,818	62,000	58,277	n/a	mg/kg
Ammonium - N	26,571	27,803	30,295	29,481	1,353	31,251	31,854	29,321	29,653	30,802	28,727	32,200	27,443	n/a	mg/kg
Nitrate and Nitrite-N	5.16	1.65	3.64	15.08	10.48	4.22	13.38	9.36	3.80	2.96	0.09	0.64	5.87	n/a	mg/kg
Total Potassium	18,400	17,500	1,600	18,400	15,500	22,800	21,200	22,600	21,600	25,200	16,300	18,000	18,258	n/a	mg/kg
Total Phosphorus	97,600	82,800	79,900	84,700	84,000	87,900	93,300	5,500	89,800	84,200	73,300	86,000	79,083	n/a	mg/kg
<b>Pathogens</b>															
Fecal Coliforms	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	n/a	<1000	MPN/g
Salmonella	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	NEG	n/a	<1	CFU/25g

<sup>a</sup> As per Section 14.2 of Environmental Compliance Approval No. 8850-8V6S7Z

Note - Each sample collected consists of a minimum of 1 grab sample collected directly from the discharge point of the process reactor.

Note - Analysis completed by A&L Canada Laboratories Inc.

n/a - not available

ND - Not detected

NEG - negative