



The Steel Company of Canada

Hamilton Works Community Liaison Committee (CLC) Meeting

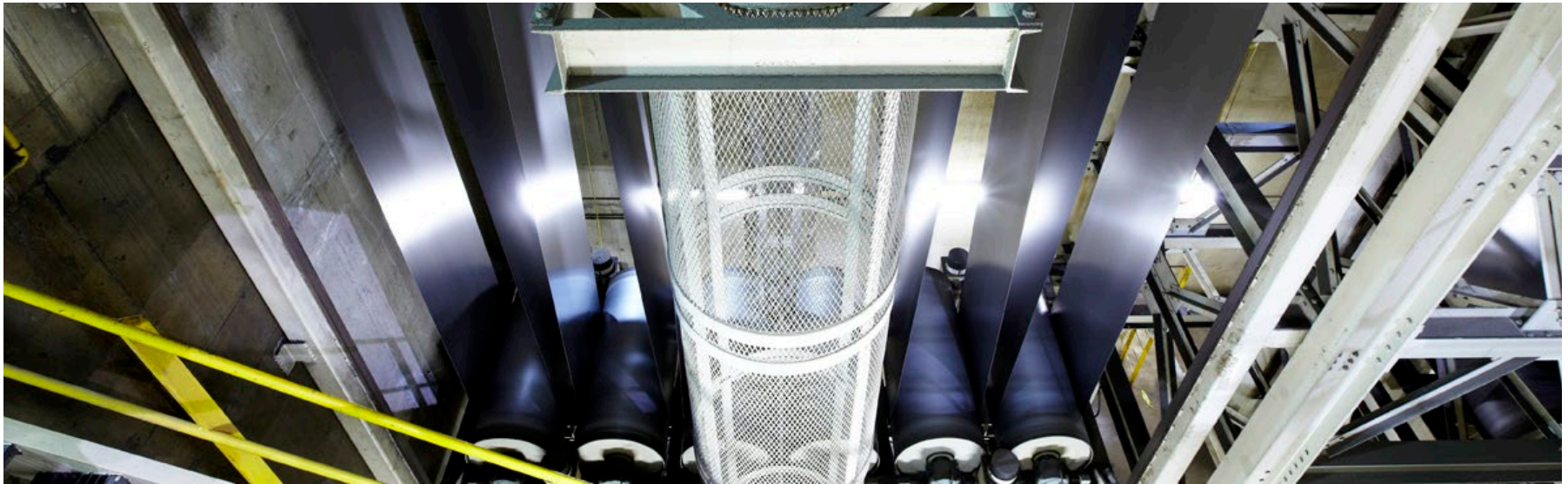
July 27, 2022



Agenda



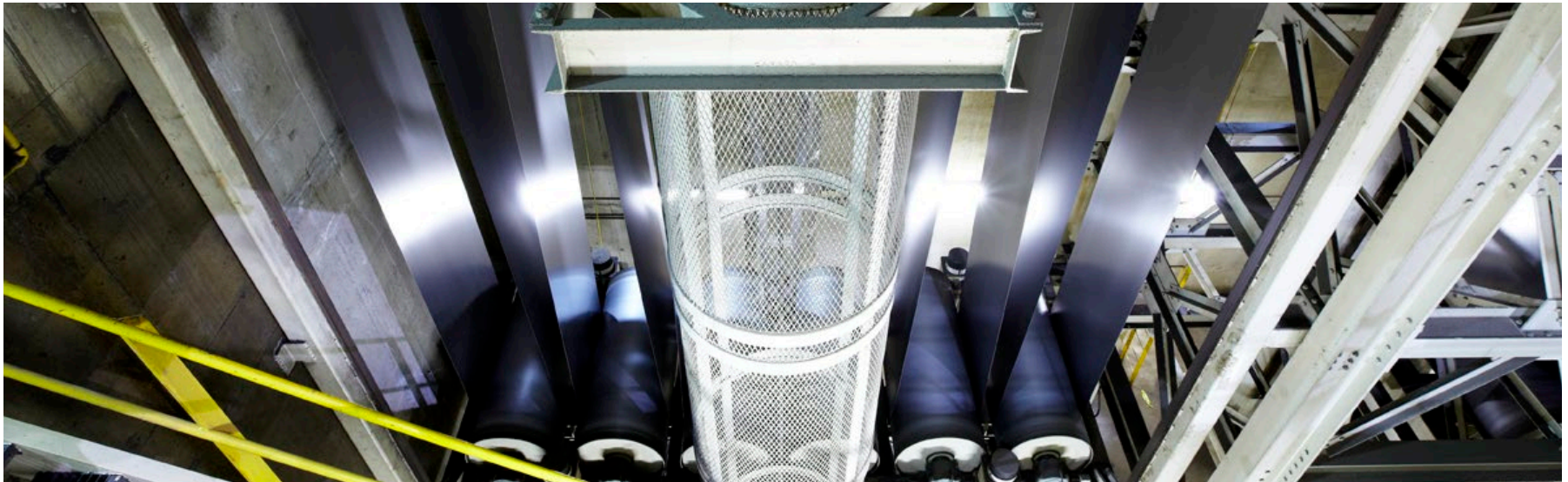
1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 April 2022 Meeting
4. Coke Battery Performance
5. Dock Dredging
6. Community Feedback
7. Adjournment



Agenda



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4. **Coke Battery Performance**
5. Dock Dredging
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Coke Battery Performance – Method 303

Performance Review – Daily (Q2 2022)



Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)
2015 Thresholds (July 2 start)	54%	2%	NA
2016 Thresholds	32%	2%	NA
2017-2019 Thresholds	10%	2%	5%
2020 - 2022 Thresholds	5%	1%	4%
April – June 2022 Range (Average)	0 – 4.89% (1.36%)	0 – 0.51% (0.06%)	0 – 3.61% (1.13%)

Daily Measurements Performed in Q2

- All weekdays, except for holidays
- 3 Saturdays (3 Saturdays for 2022 year)
- 1 Sunday (8 Sundays for 2022 year)

April – June Operational Adjustments

- In compliance with 2022 thresholds; no operational adjustments required

Coke Battery Performance – Method 303

Performance Review – 30-Day Rolling Avg. (Q2 2022)



Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)	Charging (sec) (log avg)
2015 Limits (July 2 start)	38%	0.8%	25%	12 sec
2016 Limits	22.5%	0.8%	15%	12 s
2017-2019 Limits	7%	0.8%	4.2%	12 s
2020 - 2022 Limits	4%	0.4%	2.5%	12 s
April – June 2022 Range (Average)	0.81 – 2.31% (1.45%)	0.01 – 0.12% (0.04%)	0.73 – 1.31% (0.91%)	3.69 - 5.47s (4.82 s)

April – June Performance

- In compliance with 2022 limits

Coke Battery Performance – Method 303

Performance Review – Daily Observations (Q2 2022)



Date	Pushing Emission (opacity %)
2015 Threshold (July 2 start)	≥ 50%
2016 – 2018	≥ 50%
2019	≥ 40%
2020 - 2022	≥ 30%
April – June 2022 Range (Average)	0 – 23.33% (5.30%)

April - June Operational Adjustments

- No operational adjustments required

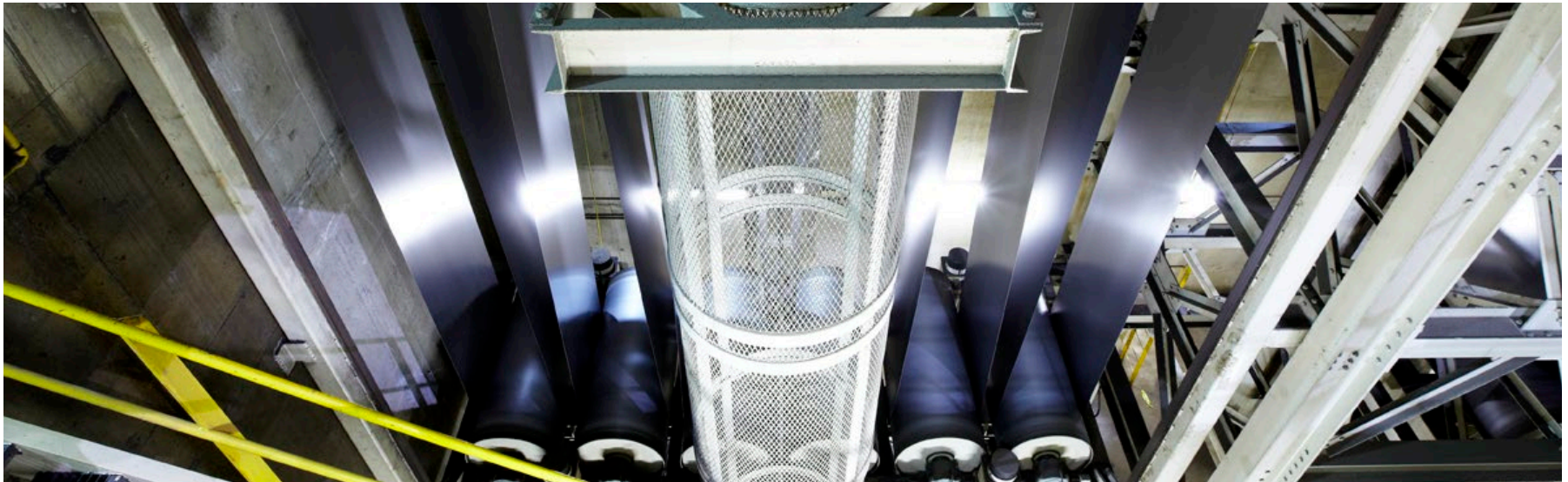
Community Feedback

- No complaints attributable to Stelco's operations were received, however the following general complaint was investigated:
 - May 14, 2022: enquiry of odour described as "burning" intermittently over the 13th & 14th
 - Stelco operations were performing as requested in response to the Ministry of the Environment (MECP) LPAQ notification;
 - No unusual activities identified at facility;
 - No burning was being conducted
 - Predominant winds were not consistently from Hamilton Works direction
- MECP invited to provide verbal comments

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Dredging #3 Dock

Background Recap



- Survey indicated sediment build up along west end of #3 dock through shoreline erosion had restricted navigational path
- Affected channel is in Stelco water lot
- Stelco retained a third party engineering firm to study, evaluate, recommend and oversee project including to:
 - Conduct Bathymetric survey and sampling (pre-assessment)
 - Prepare tendering, evaluation & recommend a dredging contractor
 - Monitor turbidity during dredging activities
 - Conduct post Bathymetric survey after dredging
- Selection of a construction vendor was underway at the last CLC meeting



Dredging #3 Dock

Dredging and Surveying



- Dredging was conducted from the shore by high reach excavator and from a barge; completed at the end of May
- Post sound survey conducted to evaluate the dredge grades and identify if any additional excavation required
- Third party engineering consultant did require some touch-ups to remove remaining high spots; 2nd post survey confirmed
- Project completed in early June



Dredging #3 Dock

Turbidity Monitoring



- Third party engineering firm deployed turbidity monitoring buoy in the harbour in preparation of the dredging, one week in advance
- The turbidity monitoring was located approximately 100m north of the dredge zone
- There were no turbidity exceedances throughout dredging operations



Dredging #3 Dock

Sediment Management

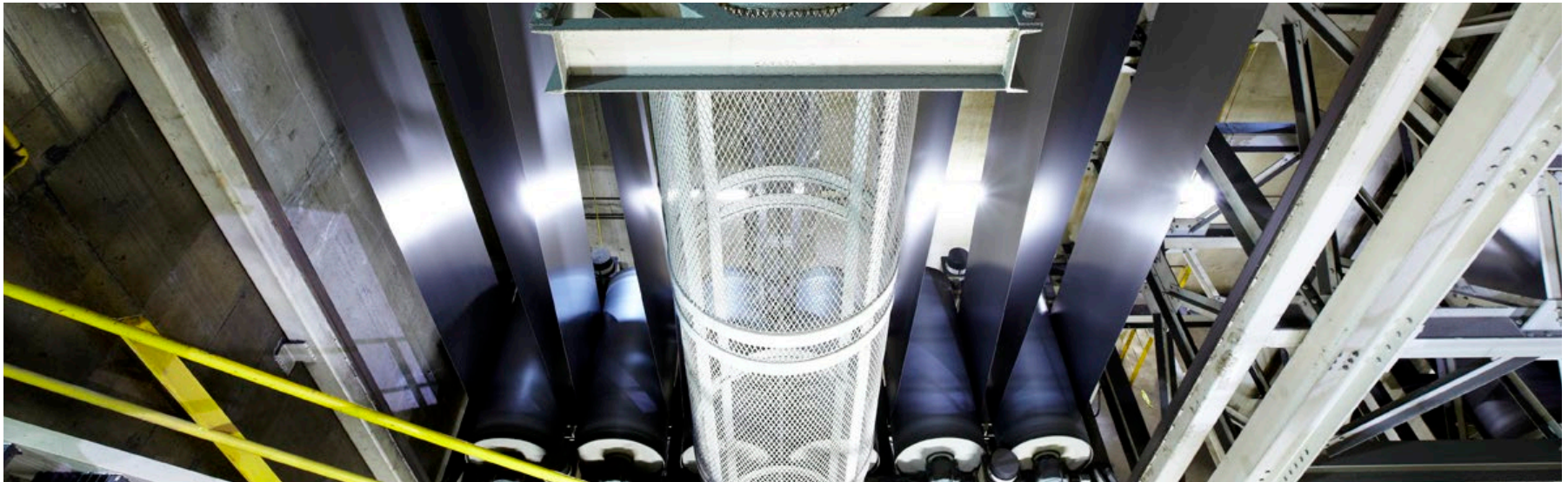


- Representative samples of dredged material were taken for TCLP (Toxicity Characteristics Leaching Procedure) analysis, including:
 - Metals
 - VOC
 - PAH
 - PCB
- The results were compared to O. Reg. 558
- Dredged material to sent off-site for non-hazardous disposal

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