

**Minutes of a Meeting of the Environmental Authority  
Held on Tuesday, 26 July 2023  
At the Department of Environment and Natural Resources, Botanical Gardens, Paget  
and Remotely using Teams Teleconference**

**PRESENT:** Ms. Davida Morris, Chair (by remote access)  
Mr. Eugene Saunders, Deputy Chair  
Mr. James Morrison, Member (by remote access)  
Mr. Jonathan Starling, Member (by remote access)  
Mr. Andrew Barnes, Member (by remote access)

**ADVISORS:** Dr. Geoff Smith, Environmental Engineer, DENR  
Dr. Shaun Lavis, Hydrogeologist, DENR  
Ms. Crystal Baxter, Environmental Health Officer

**ABSENT:** Mrs. Susan Armstrong, Member  
Mr. Willie Ferguson, Member  
Mr. Paul McDonald, Acting Senior Planner, Dept. of Planning  
Mr. Armell Thomas Senior Environmental Health Officer  
Mr. Tarik Christopher, Principal Engineer (Water & Sewage), Public Works  
Mr. Kirk Outerbridge, Chief Engineer, Public Works  
Ms. Patricia Hollis, Environmental Officer, DENR

**1. Confirmation of Minutes**

The Minutes of the meeting no. 383 held on 27 June 2023 were approved and then signed by the Deputy Chair.

**2. BELCO Air Quality Updates, Information Requests and Operating Licence Reissue**

**2.1. Environmental Authority letter to BELCO**

The Authority **TOOK NOTE:**

that a draft response to the BELCO reply to the Authority's letter of 19 May 2023 would be circulated to the Members by email by Friday 28<sup>th</sup> July for consideration.

**3 Elbow Beach Waste Water Treatment Plant**

The Authority **TOOK NOTE:**

that there is nothing new to report: The main hotel is closed, wastewater is received only from one restaurant and some of the apartments of Fritholme Gardens. The plant continues to operate without an activated sludge as a result of the low organic load. The effluent monitoring data for June 2023 remains consistent with that of previous months.

**4 Ministry of Public Works Tynes Bay Waste to Energy Incinerator June 2023 Operation Update**

The Authority **TOOK NOTE:**

- Stream #1 ran for 20 days in June. It was offline for repair of a leak from the 2<sup>nd</sup> May to the 10<sup>th</sup> June.
- Stream #2 was available for 21 days, ran for 11 days. Planned maintenance started from the 22<sup>nd</sup> June.
- The turbine was available for 30 days in June and ran for 20 days at 51% efficiency. The turbine was offline for 4 days due to a fault stemming from the previous BELCO blackout.
- Total waste processed (less metal) was 4,378 tonnes. Cooking oil processed was 48.3 tonnes
- Total electricity sent to BELCO 17 May to 15 June: 1,015 MWh. Total electricity produced for June was 2,296 MWh.
- Zero (0) loads of ash-cement and 46.7 tonnes of unconsolidated ash were disposed of at the Airport Waste Management Facility (AWMF).

The Authority **REQUESTED:**

that a letter be prepared for the Permanent Secretary of the Ministry of Public Works (MPW) highlighting that the Authority had already written to MPW in 2019 and 2022 notifying them that disposal of unconsolidated ash at the AWMF was not considered to be an 'emergency situation' as described in Section 4.3.4.h of the Tynes Bay Waste To Energy Facility Operating Licence (OL-004). However, the Authority understood that despite this non-compliance the MPW were attempting to follow the mitigation measures listed under Section 4.3.4.h.(ii), (iii), (iv) and (v) of OL-004 for emergency situations. It is noted in the June update above that the 46.7 Tonnes of unconsolidated ash were disposed at the AWMF but this was not covered with ash-concrete in a timely manner (*i.e.* Section 4.3.4.h.(v)). It is noted that the leachability of heavy metals from unconsolidated ash by rainwater is measurably greater when compared to similar tests made with ash-concrete mixtures. A capping layer of ash-concrete over any deposits of unconsolidated ash is also expected to limit rainwater percolating through the unconsolidated ash.

## **5. Clinical Waste Incinerator (Mediwaste) Update**

**5.1 The Authority TOOK NOTE:**

that Mediwaste had begun processing medical wastes in their facility on 13 June 2023 and that their operating licence for the first year is due to expire on the 5<sup>th</sup> August 2023.

The Authority **REQUESTED:**

that DENR reach out to Mediwaste again to ensure that their annual report (and operating licence renewal fees) are completed by Monday 31<sup>st</sup> July in order to provide for sufficient time for the Authority to consider the information for licence renewal as part of an Email Meeting. Mr. Jonathan Starling stood aside during consideration of this application.

## **6. Applications for Construction Permits and Operating Licences (New)**

**6.1 CP-797, OL-1224 Grant Gibbons**

The Authority **APPROVED:**

the construction permit and operating licence for a 20 KW diesel generator at 30 South Road, Hamilton, subject to standard conditions.

**6.2 CP-799 Westend Properties Ltd**

The Authority **APPROVED:**

the construction permit for one aerated wastewater treatment plant designed to treat 209,778 US Gallons Per Day of wastewater from the Fairmont Southampton Princess Hotel at 101 South Shore Road, Southampton. In accordance with the Authority Operational Policy #2 this size of development shall be treated to a 'Tertiary Standard' and the proposed reuse of the wastewater (*i.e.* irrigation of the golf course and grounds and WC flush) shall meet the requirements of the US EPA Guidelines for Wastewater Reuse. The large bioreactor, anoxic and equalization tanks shall be covered with outlets terminated to a flanged pipe in order to allow for odour mitigation measures, if odour is shown to be an issue. Standard conditions for Tertiary treatment plants shall be provided with this Construction Permit. Approval is subject to there being no objections on the completion of the advertisement period.

## **7. Applications for Construction Permits and Operating Licences (Reissues)**

**7.1 The Authority APPROVED:**

the applications for reissue of operating licences listed on the three-page printout, subject to standard conditions, with the exception of OL-358 Belmont Hills Harbour Road WWTP, OL-434 Loughlands WWTP, OL-1183 BLDC WWTP. These were deferred pending submission of complete annual reports and their assessment.

## **8. Applications for Import Permit**

**8.1 The Authority TOOK NOTE:**

that there were no chemical import permits this month.

## **9. Applications for Water Rights (New)**

**9.1 The Authority APPROVED:**

**WR 5792** Joseph Simmons for a domestic abstraction well at 8 Valley Road, Paget, subject to standard conditions.

**9.2 The Authority APPROVED:**

**WR 5793** Rebecca Wilson for a domestic rainwater disposal borehole at 4 Peace Haven Drive, Sandy's, subject to standard conditions.

**10. Applications for Water Rights (Reissues)**

**10.1 The Authority APPROVED:**

the reissuance of Water Rights on the one-page printout, subject to standard conditions, with the exception of three indicated as withdrawn.

**11. Date of the Next Meeting**

The date of the next meeting was set for 8:30 am, Wednesday, 30 August 2023.



CHAIRMAN

30 AUGUST 2023

DATE

