

**Minutes of a Meeting of the Environmental Authority  
Held on Tuesday, 30 May 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  
Mrs. Susan Armstrong, Member (by remote access)  
Mr. Willie Ferguson, Member (by remote access)  
Mr. Jonathan Starling, Member (by remote access)

**ADVISORS:** Dr. Geoff Smith, Environmental Engineer, DENR  
Dr. Shaun Lavis, Hydrogeologist, DENR  
Ms. Crystal Baxter, Environmental Health Officer  
Mr. Tarik Christopher, Principal Engineer (Water & Sewage), Public Works  
Mr David Kendell, Director, Department of Health

**ABSENT:** Mr. James Morrison, Member  
Mr. Andrew Barnes, Member  
Ms. Patricia Hollis, Environmental Officer, DENR  
Mr. Kirk Outerbridge, Chief Engineer, Public Works  
Mr. Paul McDonald, Acting Senior Planner, Dept. of Planning  
Mr. Armell Thomas Senior Environmental Health Officer

**1. Confirmation of Minutes**

The Minutes of the meetings nos. 380 and 381 held on 25 April and 5 May 2023 were approved. They were signed by the Deputy Chair, including the previously approved minutes nos. 378 and 379.

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

**2.1. Environmental Authority letter to BELCO**

The Authority **TOOK NOTE:**

that their latest letter to BELCO concerning a range of requests related to the North Power Station had been sent on the 19<sup>th</sup> May 2023 with a revised response deadline date of the 9<sup>th</sup> June 2023.

**2.2 DENR Emission Control Order Natural Justice Letter**

The Authority **TOOK NOTE:**

that DENR had written to BELCO on the 17<sup>th</sup> April 2023 under Section 12(1)(v) of the Clean Air Act 1991 which states '*if it appears to an inspector [officer of the Ministry responsible for the Environment] that there is in the air an air contaminant that is, or is likely to be, detrimental to property then an emission control order may be served.*' With advice from Attorney General's Chambers (AGC), DENR had provided a natural justice warning letter for BELCO to justify why an Emission Control Order under Section 12(1)(v) of the Act 1991 should not be served. The Authority were also made aware that BELCO had responded on 15<sup>th</sup> May and this response was currently being considered by DENR and AGC.

**2.3 BELCO Operating Licence Conditions (OL-114)**

The Authority **AGREED:**

the proposed revisions of the operating licence conditions for OL-114. It was noted that the Authority had received comments from BELCO regarding the first draft of proposed changes and, in response, agreed to the conditions that were discussed at the meeting.

**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 April 2023 remains consistent with that of previous months.

#### 4 Ministry of Public Works Tynes Bay Waste to Energy Incinerator April 2023 Operation Update

The Authority **TOOK NOTE:**

- Stream #1 was unavailable for 12 days in April due to planned major maintenance and upgrade.
- Stream #2 was available for the 30 days in April, ran for 29 days.
- The turbine was available for 30 days in April and ran for 29 days at 49% efficiency.
- Total waste processed (less metal) was 2,766 tonnes.
- Total electricity sent to BELCO 17 March to 17 April: 1085 MWh. Total electricity produced for April was 2,235 MWh.
- 89 loads of ash-cement and 108 tonnes of unconsolidated ash were disposed of at the Airport Waste Management Facility.

The Authority **APPROVED:**

the request from Tynes Bay, under condition 4.3.4.h of OL-004, to send an additional ~400 Tonnes of unconsolidated ash from the clinker bunker to the Airport Waste Management Facility (AWMF). It was noted that the build-up of solid ash in the clinker bunker was affecting the drainage of quench water back into the quench tank. The Authority recommended that the unconsolidated ash, albeit consolidated in place over time, should be covered in ash-cement shortly after being deposited at the AWMF.

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

The Authority **TOOK NOTE:**

that Mediwaste had been inspected by personnel from DENR and assessed against all conditions contained within the operating licence and construction permit. DENR had provided permission for the 20ft shipping container of clinical waste located at MPW Sallyport to be transported to this facility to start processing. It was noted that engineers from the manufacturer, Inciner8 Ltd, were required to make repair to the startup process and Mediwaste were waiting on their work permits to be approved.

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

##### 6.1 OL-1221-1 to OL-1221-8 Meyer Agencies, Mariner of the Seas

The Authority **APPROVED:**

Eight (8) operating licences for a boiler, four diesel generators, one waste water treatment plant and two dry cleaning units on board the Mariner of the Seas, subject to standard conditions. It was confirmed that no treated sewage effluent would be discharged into Bermuda's waters.

##### 6.2 OL-1222-1 to OL-1222-2 Meyer Agencies, Carnival Venezia

The Authority **APPROVED:**

Two (2) operating licences for one diesel generator and one waste water treatment plant, subject to standard conditions. It was confirmed that no treated sewage effluent would be discharged into Bermuda's waters.

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

7.1 The Authority **APPROVED:**

the applications for reissue of operating licences listed on the two-page printout, subject to standard conditions, with the exception of OL-390 Belmont Hills Golf Villas WWTP and OL-1114 Crosswinds Rentals, Serpentine Road WWTP. These are deferred pending submission of complete annual reports.

#### 8. Applications for Water Rights (Reissues)

8.1 The Authority **APPROVED:**

the reissuance of Water Rights on the one-page printout, subject to standard conditions.

#### 9. Date of the Next Meeting

The date of the next meeting was set for 8:30 am, Tuesday, 27 June 2023.



CHAIRMAN

27 June 2023

DATE