

**Minutes of a Meeting of the Environmental Authority
Held on Wednesday, 30 August 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. 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. Patricia Hollis, Environmental Officer, DENR
Mr. Armell Thomas Acting Chief Environmental Health Officer (by remote access)
Ms. Crystal Baxter, Environmental Health Officer (by remote access)
Mr. Tarik Christopher, Acting Chief Engineer, Public Works (by remote access)

ABSENT: Mrs. Susan Armstrong, Member
Mr. Andrew Barnes, Member
Mr. James Morrison, Member (by remote access)
Mr. Paul McDonald, Acting Senior Planner, Dept. of Planning
Mr. Kirk Outerbridge, Chief Engineer, Public Works

1. Confirmation of Minutes

The Minutes of the meeting no. 384 held on 26 July 2023 and no. 385 held electronically on 2 August 2023 were approved and then signed by the Deputy Chair.

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

2.1. BELCO Presentation on Annual Report

The BELCO presentation on last year's annual report was postponed until the September meeting due to the close passage of Hurricane Franklin. BELCO personnel were required to be available to assist with any power outages during the storm.

2.2 Environmental Authority letter to BELCO

The Authority **APPROVED:**

a response to the BELCO reply to the Authority's letter of 19 May 2023. The Chair agreed to sign the letter.

2.3 Emission Control Order

There was no update to report.

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 July 2023 remains consistent with that of previous months.

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

4.1 The Authority **TOOK NOTE:**

- Stream #1 ran for 31 days in July.
- Stream #2 was available for 18 days, ran for 18 days. It was shut down for planned maintenance.
- The turbine was available for 31 days in July and ran for 31 days at 56% efficiency.
- Total waste processed (less metal) was 4,332 tonnes. Cooking oil processed was 49.3 tonnes

- Total electricity sent to BELCO 16 June to 19 July: 1,872 MWh. Total electricity produced for July was 2,803 MWh.
- Ninety-nine (99) loads of ash-cement and 11.5 tonnes of unconsolidated ash were disposed of at the Airport Waste Management Facility (AWMF).

4.2 Letter to MPW about continued non-compliance of Operating Licence Conditions

It was confirmed that to date the Ministry of Public Works (MPW) has yet to respond to the Environmental Authority's letter regarding the continued disposal of unconsolidated ash at the Airport Waste Management Facility, contrary to the operating licence conditions. Mr. Tarik Christopher agreed to seek a response from MPW.

4.3 Testing of Tynes Bay and Mediawaste Incinerator Ashes

The Environmental Engineer reported that he has secured quotes for the analyses of total pollutant concentrations in consolidated and unconsolidated Tynes Bay and Mediawaste bottom and fly ashes. The results will assist in determining the appropriate disposal options for the ash from both facilities.

5. Clinical Waste Incinerator (Mediawaste) Update

5.1 The Authority TOOK NOTE:

that Mediawaste facility had been out of operation for about the last 2 weeks due to damage sustained during lightning storm damage. The facility is in the process of being repaired.

5.2 The Authority TOOK NOTE:

that the number of containers of biomedical waste in storage at the Airport Waste Management Facility was unchanged at 19 containers.

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

6.1 OL-1288-1 to OL-1288-10 Meyer Agencies "Disney Dream"

The Authority **APPROVED:**

ten operating licences for controlled plant aboard the "Disney Dream" subject to standard conditions. These include 5 generators, 1 oily water separator, 2 boilers, 1 dry cleaning plant and 1 waste waste treatment plant.

6.2 OL-1166, OL-1161 Invisible Trenching sifter and rock crusher

The Authority **APPROVED:**

the application submitted by Kip Froud of Invisible Trenching to use existing licenced mobile sand sifter (OL-1166) and mobile rock crusher (OL-1161) for emergency road repair, St. John's Road, Pembroke. These equipment are currently licenced for sites with a valid building permit. Emergency road works/repairs may be undertaken without going through the Department of Planning.

The Authority **APPROVED:**

the change to licence conditions for mobile sand sifters and rock crushers to include "support of emergency road repairs as required by the Ministry of Public Works, upon approval on a case-by-case basis by DENR Environmental Engineer.

6.3 CP-801, OL-1227 Mr. N. Papadopoulo, 24 South Road, Hamilton Parish

The Authority **APPROVED:**

the construction permit and operating licence for a 36 kW propane generator at 24 South Road, Hamilton Parish, subject to standard conditions.

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-114 BELCO plant and OL-1183 BLDC Waste water treatment plant. These were deferred pending a presentation to the Authority and the submission of complete annual report, respectively.

8. Applications for Import Permit Permit 188 Efficiency Ltd

8.1 The Authority APPROVED:

the application submitted by Efficiency Ltd. for the import of 40 cylinders each with 30 lbs of R-22, subject to standard conditions. It was noted that the R-22 is needed for a repair of the large air conditioning units in the Waterfront and Cumberland House buildings. Replacements of the existing units have been sought. Modular units are not available, and large systems are impractical due to the major modifications needed to the buildings and the uncertainty of which refrigerant will be available in the long term. It is expected that the addition of the R-22 will prolong the life of these systems until their replacements can be developed and scheduled without too much disruption to tenants, staff and customers.

9. Applications for Water Rights (New)

9.1 The Authority DEFERRED:

WR 5794 Auto Solutions Ltd., commercial disposal borehole for carwash pre-wash runoff at 63 St. John's Road, Pembroke pending submission of additional details.

10. Applications for Water Rights (Reissues)

10.1 The Authority APPROVED:

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

11. Representative for Bermuda Ocean Prosperity Programme (BOPP)

It was noted that Susan Armstrong has stepped down as the Authority's representative on BOPP. Mr. Willie Ferguson agreed to be the Authority's representative.

12. Date of the Next Meeting

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



CHAIRMAN

25 OCT 2023

DATE

