

**Minutes of a Meeting of the Environmental Authority
Held on Wednesday 7 October 2020
At the Department of Environment and Natural Resources, Botanical Gardens, Paget
and Remotely using Zoom Teleconference**

PRESENT: Ms. Tinee Furbert, Chair
Mrs. Susan Armstrong, Member, remote access
Mr. Andrew Barnes, Member
Mr. Willie Ferguson, Member
Mr. James Morrison, Member, remote access
Mr. Eugene Saunders, Member, remote access
Mr. Jonathan Starling, Member, remote access

ADVISORS: Dr. Geoff Smith, Environmental Engineer, DENR
Dr. Shaun Lavis, Hydrogeologist, DENR
Mr. Tom Crossan, Chief Environmental Health Officer, remote access
Ms. Patricia Hollis, Environmental Officer, DENR, Recording Secretary

ABSENT: Mr. Paul McDonald, Acting Senior Planner, Dept of Planning
Mr. Armell Thomas, Senior Environmental Health Officer
Mr. Kirk Outerbridge, Chief Engineer, Public Works, remote access
Mr. Tarik Christopher, Principal Engineer (Water & Sewage), Public Works,

1. Confirmation of Minutes

Confirmation of the minutes of the meeting held on 30 September 2020 was deferred until the next meeting.

2. BELCO Update on Remedial Action for Soot, Emissions Complaints

2.1 Tank Water Analysis

It was noted that analytical results have been received for water samples collected from ten water tanks in the area of Ocean Lane, Pembroke and the immediate vicinity of BELCO. Results were lower than the analytical detection limits and the most stringent water quality standards for the US, UK and World Health Organization for all compounds analysed with the exception of: pH in two tanks, *E.coli* in all tanks and total coliform bacteria in nine tanks. The elevated pH is most likely resulting from an alkaline wash used in the tanks in 2014. The elevated bacteria is most likely from contamination from birds, lizards and other animals on the roof or in the tank. The Dept. of Health guidelines for water tank management and recommended chlorine treatments has been shared with the respective homeowners.

The sediment data has not yet been received, and is expected in November 2020.

The Departments of Environment and Natural Resources, and Health are expecting to release a joint statement on the analytical results shortly.

2.2 Ambient Air Quality Monitoring

It was reported that the mobile ambient air quality monitor has been located at Ocean Lane, Pembroke has been calibrated and is collecting data. Data networking issues are currently being addressed.

3. BELCO Annual Operating Licence Reissue Application

The Members considered proposed changes to the BELCO annual operating licence conditions as circulated. The amendments address:

- a) the planned decommissioning of engines;
- b) the challenge of having valid visual emissions testing certification when travel has been curtailed due to Covid-19 pandemic;
- c) any unresolved noise and vibration complaints shall be reported to DENR after 2 years of operation of the North Power Station. The Authority shall then consider whether there is sufficient cause to require the noise levels to be reassessed to the requirements of BS4142:2014;

- d) subject to the demolition of the Old Power Station, BELCO shall maintain a waste oil management programme; and
- e) Belco shall use a third party to analyse 3 tank water samples per year for PAHs, dioxins and furans. The location of the sampling points shall be agreed with DENR.

The Authority **REQUESTED**:

that the draft conditions be circulated to Members and Advisors for further comment.

4. ELBOW BEACH WWTP Update

The Members were reminded of the history of the Elbow Beach WWTP. It was installed as a tertiary grade plant, and subsequently run as a primary settlement tank. The Authority has been working with the new Elbow Beach Management to have upgrades to the system installed. The hotel meanwhile has downsized from having 300 beds with the main building to only 100 beds for the cottage units. The main hotel building is due to be demolished within a year.

It was reported that Elbow Beach will install a backup disposal borehole and continue to progress financial approval for the longer-term planned upgrades after the short-term upgrades were implemented over 2019/2020.

5. Corporation of Hamilton WWTP Front Street OL-142

The Members were reminded that the operating licence for the Corporation of Hamilton (CoH) waste water treatment plant on Front Street has lapsed and that the CoH is not compliant with all of the conditions due to Government not authorising or supporting the required upgrades that were submitted to the Dept. of Planning for approval. It is understood that the CoH proposed installing a fine microscreen to remove solids to a primary level of treatment. However, because the developer (AE Engineering) and microscreen manufacturer could not guarantee a standard rate of removal of Fats, Oils and Greases (FOG), the Ministry of Works would not support the application and recommended to the Minister responsible for Dept. of Planning to prevent approval. Because of this, the Authority had previously deferred the operating licence application.

The Authority **APPROVED**:

the issuance of the CoH operating licence for the Front Street WWTP subject to the same conditions as before and be valid until September 2021. A watermark is to be added to show the conditions to which the CoH is not compliant. Copies of the Licence are to be sent to the Ministers of DENR, Health, and Tourism.

6. Disposal of Ash from Tynes Bay Waste to Energy Facility OL-004

The Authority **TOOK NOTE**:

that the Ministry of Works is disposing of raw ash at the Airport Waste Management Facility as a cost cutting measure (no funds for overtime, maintenance of vehicles, or cement) and this is not in compliance with their operating licence. The Ministry has asked the Authority to approve another site for raw ash disposal as the present area is nearly full. It was noted that about 50% of the ash is made into concrete blocks, and 50% is deposited unconsolidated into a designated area but is not capped by ash cement at the initially specified frequency as required.

The Members asked that this item be kept on the agenda.

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

7.1 CP-680, OL-1084 Mr. M. Grandisson, Arch Capital Group

The Authority **APPROVED** the application for a 38 kW generator at 2 Hastings Road, Pembroke, subject to standard conditions.

7.2 CP-685, OL-1089 Ettrick Animal Hospital

The Authority **APPROVED** the application for a 60 kW generator at 75 Middle Road, Warwick subject to standard conditions.

7.3 CP-690, OL-1094 Marc Wetherhill

The Authority **APPROVED** the application for a 20 kW generator at 7 Glebe Hill, Hamilton Parish subject to standard conditions.

7.4 CP-686, OL-1090 Paul Leseur

The Authority **APPROVED** the application for a 22 kVA generator at 19 Wreck Road, Sandys subject to standard conditions.

7.5 CP-684, OL-1088 Annette Budge

The Authority **APPROVED** the application for a 24 kW generator at 2 Warwickshire Drive, Warwick subject to standard conditions and providing 1.5 m or higher sound absorbing blankets are installed.

7.6 CP-637, CP-638, OL-1028, OL-1029 Aecon/Skyport

The Authority **APPROVED** the applications for two 1500 kW diesel generators at LF Wade Airport, St. George's subject to standard conditions and providing sound absorbing blankets are installed over the air intakes during genset operations that are outside of the regular monthly testing in the day.

8. Applications for Operating Licences (Reissue)

8.1 The Authority APPROVED:

the reissue of operating licences on the one-page printout, subject to standard conditions.

9. Applications for Chemical Import Permit

9.1 Air Care Ltd.

The Authority **APPROVED** the application submitted by Air Care Ltd. for the import of 40 cylinders each containing 25 lbs of R438A and 40 cylinders each containing 25 lbs of R407C, subject to standard conditions.

10. Applications for Water Rights (New)

The Authority **APPROVED** the application listed below:

10.1 WR 5674 Mallory, domestic supply well at 108 South Road, Paget, subject to standard conditions.

11. Applications for Water Rights (Reissue)

The Authority **APPROVED:**

the issue of water rights as listed on the two-page printout, subject to standard conditions, with the exception of six indicated as withdrawn.

12. Proposed Modifications to EA Policy No. 9, Noise from Emergency Generators

The Authority **TOOK NOTE:**

of the technical and administrative challenges faced during the processing of construction permit applications for emergency generators, especially regarding the assessment of noise.

The Authority **AGREED** to discuss this matter at a later meeting

13. Date of the Next Meeting

The date of the next meeting was set for 8:30 am, Wednesday, 4 November 2020.



CHAIRMAN



DATE

