

**Minutes of a Meeting of the Environmental Authority  
Held on Tuesday, 30 March 2021  
At the Department of Environment and Natural Resources, Botanical Gardens, Paget  
and Remotely using Webex Teleconference**

**PRESENT:** Ms. Davida Morris, Chair, remote access  
Mr. James Morrison, Member, remote access  
Mr. Eugene Saunders, Member  
Mr. Jonathan Starling, Member, remote access

**ADVISORS:** Dr. Geoff Smith, Environmental Engineer, DENR  
Dr. Shaun Lavis, Hydrogeologist, DENR  
Dr. Jonathan Nisbett, Acting Director, DENR  
Mr. Kirk Outerbridge, Chief Engineer, Public Works, remote access  
Mr. Tarik Christopher, Principal Engineer (Water & Sewage), Public Works (remote access)  
Ms. Patricia Hollis, Environmental Officer, DENR, Recording Secretary

**ABSENT:** Mrs. Susan Armstrong, Member  
Mr. Andrew Barnes, Member  
Mr. Willie Ferguson, Member  
Mr. Paul McDonald, Acting Senior Planner, Dept. of Planning  
Mr. Tom Crossan, Chief Environmental Health Officer  
Mr. Armell Thomas, Senior Environmental Health Officer

**1. Confirmation of Minutes**

The Minutes of the meeting held on 23 February 2021 were approved. They are to be signed at the next in-person meeting.

**2. BELCO Updates**

**2.1 Update on BELCO Remedial Actions to address Pollution Complaints**

The Authority **TOOK NOTE:**

that a letter was sent to BELCO notifying them of the large number of exceedences of the 15-minute UK SO<sub>2</sub> air quality objective over January and February 2021 and requesting them to submit all potential remedial actions that could be applied to address the high emissions.

In response to their letter, it was expected that BELCO representatives would be in attendance to address their concerns and to explain the available options to minimise emissions. However, due to an increase in Covid-19 cases in Bermuda, their attendance was postponed.

**2.2 BELCO Annual Operating Licence Reissue Application (OL-114)**

It was noted that at its meeting of 2 December 2020, the Authority approved the issuance of the BELCO annual Operating Licence, subject to the finalisation of conditions. At the meeting of 23 February 2021, the Members discussed BELCO's comments to the changes in Conditions and asked for additional input from BELCO.

After further discussion, the Authority **APPROVED:**

- Condition 5.3.2. The stack opacity limit was reduced from 20% to 15% with the maximum time permitted before it is considered an exceedance being reduced from 30 minutes to 20 minutes. The Authority **DECLINED** BELCO's request to delay the implementation of this condition until 1 June 2021 to provide time to train operators.
- Condition 5.3.3. With the opacity limit being reduced from 20% to 15%, it was agreed that non-compliant engines would be relegated to the bottom of the merit order if the 15% opacity could not be attained within 30 minutes of operation. The Authority **AGREED** to the proposed deletion by BELCO of the proposed additional opacity failure criterion of 20% opacity for 6 minutes.
- Condition 5.4.8. BELCO requested clarity on how "nuisance odours" would be measured and validated. The condition, as written, is taken from the Public Health Act, and as such, it is the Ministry of Health who can address BELCO's question. No change was made to this condition.

- Additional Condition 5.9.3. In recent correspondence from BELCO, it was noted that remediation of the site after demolition of the Old Power Station will not be undertaken during this licence period. The Authority **AGREED** to include a condition requiring BELCO to submit a date and plan for remediation by September 2022.
- Condition 5.13.1. BELCO shall address odours from the newly installed fuel storage areas located along St John's Road to the satisfaction of the Government Environmental Engineer. A management plan addressing the odours shall be submitted to the Environmental Authority by 31 May 2021.

### 3. **ELBOW BEACH Waste Water Treatment Plant Update (OL-352)**

It was noted that the fee for the reissue of the waste water plant operating licence had been paid so the licence will be issued in due course.

### 4. **CORPORATION OF HAMILTON - Waste Water Treatment Plant (OL-142)**

It was noted that a meeting had been scheduled at which the Corporation of Hamilton, and Permanent Secretaries of the Ministry of Public Works and of the Ministry of Home Affairs would discuss the proposed expenditure for planned improvements for the Corporation's waste water treatment plant on Front Street. However, due to unforeseen circumstances, the meeting was postponed.

### 5. **AWMF Raw Ash Disposal (OL-168)**

With the disposal of raw, unconsolidated ash continuing at the Airport Waste Management Facility, Mr. Kirk Outerbridge, MWE Chief Engineer, gave an update and the plan for 2021. He said that funds for overtime and truck repair were available, so there should be little disposal of unconsolidated ash at the Airport Waste Management Facility this year due to lack of funding.

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

#### 6.1 **OL-1109 VT Construction**

The Authority **APPROVED**:

the application for mobile rock crusher at sites with relevant Building Permits, subject to standard conditions.

#### 6.2 **CP-705, CP-706, OL-1110, OL-1111 SailGP Generators**

The Authority **APPROVED**:

applications for two 125 kW diesel-powered electrical generators for temporary use on Cross Island, Sandys during the SailGP competition, subject to standard conditions.

#### 6.3 **CP-707, OL-1112 Works & Engineering MDL Lab**

The Authority **APPROVED**:

the application for a 60 kW diesel generator at 72 Middle Road, Warwick, subject to standard conditions and installation of an 8 ft high sound-attenuating wall.

#### 6.4 **CP-708, OL-1113 SOL Petroleum, Airport Fuel Farm Generator**

The Authority **APPROVED**:

the application for a 250 kW diesel generator at SOL Petroleum Fuel Farm, LF Wade International Airport, subject to standard conditions and a 3 m fence around the generator as per the submitted sound model and supporting documentation.

#### 6.5 **CP-709, OL-1114 W. Outerbridge**

The Authority **APPROVED**:

the retroactive application for a 550 gpd rotordisk wastewater treatment plant at 7 Serpentine Road, Pembroke, subject to standard conditions.

### 7. **Applications for Operating Licences (Reissue)**

The Authority **APPROVED**:

the reissue of operating licences on the four-page printout, subject to standard conditions, with the exception of one (OL-901 WWTP at US Consulate General) which was deferred pending submission of the annual report.

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

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

**8.1. WR-5693 SOL Petroleum**, monitoring well at SOL Fuel Farm, LF Wade International Airport, subject to standard conditions.

**8.2. WR-5694 to 5696 R & M Limited**, monitoring wells at St. David's Gas & Marine, subject to standard conditions.

**9. Applications for Water Rights (Reissue)**

The Authority **APPROVED:**

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

**10. State of the Central Lens—Update**

The Government Hydrogeologist gave a short update on the state of the Central Lens. Bermuda Waterworks, Barritts/Kugima and Daniels are within their abstraction limits for 2020, Public Works, however, has exceeded their limits in some sectors and has not abstracted from other sectors. This was due in part to high water demand and relatively low rainfall. It was noted that Public Works is considering withdrawing some of the water rights for wells that are no longer used and is in the process of making repairs to existing infrastructure to reduce demand on those well fields that have been over-abstracted.

The Central Lens showed some thinning, especially in the Prospect area in Q4 2019 due to low rainfall, but showed recovery in Q4 2021 after increased rainfall towards the of 2020.

There was no abstraction for public supply from either the Somerset or St. George's lenses.

The Authority **TOOK NOTE:**

**11. Date of the Next Meeting**

The date of the next meeting was set for 8:30 am, Tuesday, 27 April 2021.



CHAIRMAN

26/10/2021

DATE

