

**Minutes of a Meeting of the Environmental Authority
Held on Wednesday, 24 July 2024
At the Department of Environment and Natural Resources, Botanical Gardens, Paget
and Remotely using Teams Teleconference**

PRESENT: Mr. Eugene Saunders, Chair
Mr. Harry Matthie, Member
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

ABSENT: Ms. Davida Morris, Chair
Mr. Andrew Barnes, Member
Mr. Willie Ferguson, Member
Mr. James Morrison, Member
Mr. Tarik Christopher, Acting Chief Engineer, Public Works
Mr. Armell Thomas, Acting Chief Environmental Health Officer
Ms. Crystal Baxter, Environmental Health Officer
Mr. Armell Thomas, Acting Chief Environmental Health Officer
Mr. Paul McDonald, Senior Planning Officer, Dept. of Planning

1. Confirmation of Minutes

Minutes of the meeting No. 395 held on 26 June 2024 were approved and signed by the Chair.

2. BELCO Complaints—June 2024

The Authority **TOOK NOTE:**

In June, there were 2 complaints of soot, and 2 of hot oil odour. The soot complaints were on 11th and 28th June, the two odour complaints were on 4th and 9th June.

The Authority **TOOK NOTE:**

that a letter was sent to BELCO on their behalf, asking for details on the actions taken to date and their plans going forward to address the soot fallout and hot oil odours.

3. BELCO Remedial Action Plan Update

The Authority **TOOK NOTE:**

- that ground water data collection has been underway since May 2022 at 4 monitoring well locations;
- that 9 additional locations are expected to be operational in July;
- that 3 months data (through October 2024) will be analysed before BELCO issues draft report;
- DENR shall provide additional historical information and use of a down hole camera to better understand site conditions;
- Supplemental remediation investigation (SRI) will proceed in September 2024 with the digging of test pits and delineation of the oil plume; soil sampling outside of the zero-contour footprint, and discussion with DENR of analysis parameters.
- Remediation in 2024 to include vacuum truck recovery of light non-aqueous phase liquid (LNAPL) and remediation efforts being completed in tandem with the SRI efforts beginning in September.

4. Tynes Bay Waste Facility June 2024 Update

- **Stream #1:** was available for 25-days and ran for 21-days. It was down for 4-days (unplanned) due to refuse crane work and a blockage caused by wet trash
- **Stream #2:** was available 30-days and ran for 21-days. It was down for 9 days (unplanned) due to a blockage caused by wet trash.
- **Turbine (T2):** was available for 30-days and ran for 26-days at 53% efficiency. Was offline for 5 days due to blockage caused by wet trash and refuse crane work.
- **Total waste** (less metal): 3939.8 tonnes. Cooking oil – 48.9 tonnes.

- **Total electricity** sent to BELCO: 15 April to 16 May 2064 MWh. 16 May to 14 June 1207.59 MWh;
Total electricity produced for June: 2136.57 MWh.
- **Ash Processing Plant:** 122 loads of ash-cement to the Airport Waste Management Facility (448 blocks)
- **Unconsolidated Ash:** 15 loads = 115.25 tonnes were disposed of at the Airport Waste Management Facility

5. Recycling Facility (MRF) Operating Licence Application for Reissue

The Authority **APPROVED:**
the application for reissue of the MRF Operating Licence, subject to the same conditions.

6. Airport Waste Management Facility Operating Licence Application for Reissue

The Authority **APPROVED:**
the application for reissue of the Airport Waste Management Facility Operating Licence, subject to the same conditions.

7. Marsh Folly Compost Facility Operating Licence Application for Reissue

The Authority **APPROVED:**
the application for reissue of the Marsh Folly Compost Facility Operating Licence, subject to the same conditions.

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

8.1 CP-829, OL-1274 Adolfo Pena, 8 Devondale Drive, Devonshire

The Authority **APPROVED:**
the construction permit and operating licence applications for a 24 kW propane generator at 8 Devondale Drive, Devonshire, subject to standard conditions.

8.2 CP-830, OL-1275 DENR, 3 Coney Island Road, St. George's

The Authority **APPROVED:**
the construction permit and operating licence applications for a 40 kW diesel generator at 3 Coney Island Road, St. George's, subject to standard conditions.

8.3 OL-1277, 1278 F50 League Bermuda Ltd, 5 Freeport Drive, Sandys

The Authority **APPROVED:**
operating licence applications for 2 diesel generators at 5 Freeport Drive, Sandys, subject to standard conditions. It was noted that these mobile gensets are for use only during FR50 League sail training events and will be exported after the events.

8.4 CP-831, OL-1278 Westend Properties Ltd, Fairmont Southampton WWTP

The Authority **CONSIDERED:**
the construction permit and operating licence applications for a 210,000 IGPD tertiary grade membrane bioreactor wastewater treatment facility at 101 South Road, Southampton. It was noted that treated effluent water would be reused for toilet flushing within the hotel. The balance of treated water would be chlorinated and discharged to the existing pond at the golf course to be reused for irrigation. The pond is fitted with an emergency overflow borehole.

The Authority **APPROVED:**
the construction permit and operating licence applications subject to standard conditions and providing no objections are received during the advertised period.

8.5 Grotto Bay Hotel New Wastewater Treatment Plant Pre-Consultation

The Authority **TOOK NOTE:**
that the existing secondary level wastewater treatment plant at Grotto Bay Hotel, Blue Hole Hill, Hamilton Parish suffers from the impact of saline flush water. There are plans to expand the hotel to 286 rooms, including staff quarters. The site is sensitive, being in both a cave protection area and water resources protection area.

The Authority **ADVISED:**

that Grotto Bay consider constructing and operating a tertiary grade wastewater treatment plant with a freshwater flush hotel system and reuse of treated effluent. Disposal of any surplus effluent would be to existing deep sealed boreholes.

9. Applications for Construction Permits and Operating Licences (Reissues)

9.1 The Authority APPROVED:

the applications for reissue of operating licences listed on the two-page printout, subject to standard conditions, with the exception of one facility (OL-813 F & C Scrap Metal) which was deferred pending submission of the annual report. Operating licences for 4 wastewater treatment facilities were approved, subject to standard conditions (OL-146 Fairmont S'ton Princess; OL-1074 Bda Skyport; OL-1114 Crosswinds Rental; OL-1183 BLDC new plant)

10. Applications for Import Permit—Air Care

10.1 The Authority APPROVED:

the application for import of refrigerants (40 x 30 lb cylinders of R134A; 40 x 24 lb cylinders of R404; 100 x 25 lb cylinders of R410A; 40x 25 lb cylinders of R438A, subject to standard conditions.

11. Applications for Water Rights (New)

11.1 The Authority APPROVED:

WR 5829 Desmond & Selena Mello, domestic water right for sewage effluent disposal at 70 Somerset Road, Sandys, subject to standard conditions and providing the borehole is sealed at least 40 feet below sea level with at least 20 feet open hole afterwards.

12. Applications for Water Rights (Reissues)

12.1 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.

13. Date of the Next Meeting

The next meeting was scheduled for 8:30 am, Wednesday, 28 August 2024 in the DENR Boardroom, Botanical Gardens, Paget



CHAIRMAN



DATE

