



THE ENVIRONMENTAL AUTHORITY

P.O. Box HM 834
Hamilton HM CX
Bermuda

Telephone: (441) 236-4201
Telefax: (441) 236-7582
Email: Pollutioncontrol@gov.bm

Mr Wayne Caines, President
Bermuda Electric Light Company Limited,
27 Serpentine Road,
Pembroke HM 07

20th July 2021

RE: Exhaust Emissions Complaints – February 2020 to June 2021

Dear Mr Caines,

Further to the Environmental Authority's (EA) letter to BELCO on the 26th May 2020, the Authority acknowledges that the following six actions have been largely completed:

#	Description	Status	Comments
1	Deploy air quality monitoring equipment to Ocean Lane (i.e. the new station "BDA 4").	Complete	Monitoring results are being supplied regularly on demand to DENR via BIOS who are providing oversight.
2	Provide for remote analysis of data from BDA 4.	Complete	
3	Determine source of pollutants.	Complete	BELCO have clearly shown that both East Power Station (EPS) and North Power Station (NPS) are both contributors of the poor air quality at Ocean Lane.
4	Sample water tanks for sediment and water quality.	Complete	Samples collected and analysed independently and data published and shared with the public.
5	Consider additional mitigation measures to address strong odours of exhaust fumes at Ocean Lane.	Not complete	BELCO waiting to have sufficient air quality and meteorological data to complete this assessment.
6	Provide monthly progress reports to DENR on actions 1) to 5) above.	Complete (on-going)	Every month to January 2021.

Table 1. Actions requested in the EA letter of 26th May 2020.

The EA no longer consider it necessary to include actions 1-4 as part of the on-going reporting. Due to the continued valid complaints by the public, however, the Authority requires BELCO to include the following additional actions in its monthly reporting:

Specifically, the Authority requires the following from BELCO:

- 1) Provision of monthly summary monitoring results in a format that DENR can provide to the public:
 - a. Air quality monitoring data, if and when an exceedance occurs of the Bermuda or UK standards/objectives, together with suspected engine sources and associated meteorological data for any exceedances,

- b. Soot fall-out events and/or complaints from the public and progress to mitigate such fall-out events.
 - c. Fuel tank odour complaints (largely from tanks located on St John's Road) and progress to mitigate such odours.
- 2) Consider additional mitigation measures to address strong odours of exhaust fumes at Ocean Lane when sufficient air quality and meteorological data are available.
 - 3) Additional air dispersion modelling to show what exhaust velocity, or other factors, are required to improve the air quality at Ocean Lane.

Yours sincerely,



PP

Ms. Davida Morris
Chair of the Environmental Authority

Copied:

Minister of Home Affairs, the Hon. Walter Roban JP, MP.
Director, Department of Environment & Natural Resources, Mr Drew Pettit.
Chief Environmental Health Officer (CEHO), Department of Health, Mr Tom Crossan
Manager, Occupational Health, Safety & Environment, BELCO, Mr Mark Pacheco.