



DOC20/18210-2
SSD-10313

Mandana Mazaheri
Team Leader
Department of Planning Industry and Environment
320 Pitt Street
SYDNEY NSW 2000

Dear Mandana

Request for comment on Western Sydney Green Gas Project (SSD-10313)

The Environment Protection Authority (EPA) has reviewed the Environmental Impact Statement (EIS) for the proposed Western Sydney Green Gas Project SSD-10313 at the Jemena Horsley Park Facility 194-202 Chandos Road, Horsley Park, 2175.

The EPA has reviewed the following documents:

Western Sydney Green Gas Project - Environmental Impact Statement, dated December 2019, prepared by Eco Logical Australia 2019 (EIS).

The EPA understand the proposal is for:

- production of hydrogen gas, 100 m³/h with a 500kW electrolyser
- gas fuelled generator (microturbine) converted to use hydrogen as its fuel source
- produce wastewater with salinity of approximately 500 ppm

Based on the information provided, the proposal will not require an environment protection licence under the *Protection of the Environment Operations Act 1997*. However, the EPA potentially has a regulatory role in relation to the Act.

The EPA has reviewed the EIS provided the information required by the Secretary's Environmental Assessment Requirements. The EPA has the following additional comments and recommendations:

Matters to be addressed with conditions

Noise

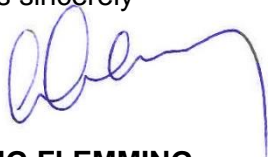
The EPA recommends a condition of consent limiting the operating hours of the microturbine to between 7 am – 10 pm.

The recommended condition is to ensure the Western Sydney Green Gas Project complies with noise levels within the Noise Policy for Industry (NPfI).

The EIS states preliminary modelling found that noise contribution from the operation of the microturbine may result in noise levels exceeding the NPfI Project trigger levels during operation at night. The EIS also states noise levels can comply with the NPfI if the operating hours of the microturbine are limited to between 7 am – 10 pm.

If you wish to discuss this letter, please contact Kyle Browne, Operations Officer on 9995 6107.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'C. Flemming', with a long horizontal stroke extending to the right.

29/01/2020

CRAIG FLEMMING
Unit Head Sydney Industry
Environment Protection Authority