

**From:** SHUMAKER Annegret  
**To:** [SHUMAKER Annegret](mailto:SHUMAKER Annegret)  
**Subject:** FW: AIRSERVICES RESPONSE: Waste to Energy facility, Eastern Creek (WS-MI-004 P2) [SEC=UNCLASSIFIED]  
**Date:** Monday, 22 February 2016 10:43:47 AM

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**From:** Airport Developments [mailto:Airport.Developments@AirservicesAustralia.com]  
**Sent:** Wednesday, 16 December 2015 10:57 AM  
**To:** Shumaker Annegret  
**Cc:** Aiezza, Tony  
**Subject:** AIRSERVICES RESPONSE: Waste to Energy facility, Eastern Creek (WS-MI-004 P2) [SEC=UNCLASSIFIED]

Hi Annie,

I refer to your request for Airservices assessment of the plume rise associated with the Waste to Energy Facility which is proposed for Eastern Creek.

#### Airspace Procedures

With respect to procedures designed by Airservices in accordance with ICAO PANS-OPS and Document 9905, at maximum given heights of 326m (1070ft) AHD (0.1% exceedance value) or 365m (1198ft) AHD (maximum plume height), the exhaust stack and associated plume rise will not affect any sector or circling altitude, nor any instrument approach or departure procedure at Sydney, Bankstown, Camden and Richmond Airports.

**Note 1:** Procedures not designed by Airservices at Sydney, Bankstown, Camden and Richmond Airports were not considered in this assessment;

**Note 2:** Future procedures at the proposed Western Sydney Airport have not been considered in this assessment.

#### CNS Facilities

This proposal to 165m AHD with a plume rise extending up to 365m AHD at the provided location will not adversely impact the performance of any Airservices Precision/Non-Precision Nav Aids, Anemometers, HF/VHF/UHF Comms, A-SMGCS, Radar, PRM, ADS-B, WAM or Satellite/Links.

Kind regards

Carly

#### **Carly Fiumara**

**Airport Development Assistant**

Corporate and Industry Affairs

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**NOTE:** I work part-time from Monday to Wednesday and between the hours of 0730 and 1400. Apologies for any inconvenience.

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**From:** Shumaker Annegret [<mailto:Annegret.Shumaker@infrastructure.gov.au>]

**Sent:** Wednesday, 18 November 2015 3:23 PM

**To:** Fiumara, Carly <[carly.fiumara@airservicesaustralia.com](mailto:carly.fiumara@airservicesaustralia.com)>

**Cc:** Aiezza, Tony <[Tony.Aiezza@airservicesaustralia.com](mailto:Tony.Aiezza@airservicesaustralia.com)>

**Subject:** Waste to Energy facility, Eastern Creek [SEC=UNCLASSIFIED]

Good afternoon Carly

You may recall that earlier in the year you provided advice to one of my colleagues in the Western Sydney Unit, Department of Infrastructure and Regional Development (attached) about the Waste to Energy facility at Eastern Creek. At that time you were unable to consider the plume rise, due to insufficient information.

The Department has now been provided additional technical reports by the proponent with regard to Plume Rise and Airspace and I forward these for your consideration.

Could you please review and provide any comments you may have, which will then be forwarded to the proponent prior to the formal exhibition of the reports.

Thank you kindly

**Annie Shumaker**

Airspace Protection

Aviation and Airports

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