

## MEMORANDUM

**TO:** Michael Plain

**CC:**

**FROM:** Penny Dalton

**DATE:** 16 February 2018

**OUR REF:** N141100

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**RE:** **Stratford Coal Complex Traffic Monitoring**

Dear Michael,

As discussed, the following sets out the intended program for monitoring of traffic at the Stratford Coal Complex, in response to Condition 49 of the Stratford Extension Project:

49. Prior to 31 December 2015, the Applicant shall submit a detailed Transport Monitoring Program for the development, which has been prepared in consultation with GSC and GLC, to the Secretary for approval. This Program shall monitor heavy vehicle movements to and from the mine and on The Bucketts Way to the north and south of the mine and require these data to be reported directly to the Applicant, GSC and GLC.

The program proposes a combination of direct survey of heavy vehicle movements together with a cross-check of those movements against heavy vehicle driver log-in records over a one week period of typical activity once operations commence. MidCoast Council has indicated it is satisfied with this program, noting that it should be consulted prior to implementation to ensure the timing does not conflict with any atypical activity in the area.

Traffic Surveys – automatic tube counters (ATCs) would be used to survey vehicles on the Stratford Coal Mine Access Road, and on The Bucketts Way north and south of the mine access road over a one week period of “typical” site activity. ATC data provides the number and standard classification of vehicles by direction on an hourly basis. The counter placement would be such that turning movements to and from the SCM Access Road can be deduced. The timing of the traffic surveys would be determined in consultation with Duralie Coal, to avoid surveys during any period of unusually high or low activity at the mine.

Check Video Survey – the ATC results would be checked via a video survey of the intersection conducted over two peak periods during the ATC survey period (to check for potential errors in ATC data arising from some heavy vehicles not maintaining lane discipline when turning in or out of the mine road).

Heavy Vehicle Login Data – records of heavy vehicle driver logins to the site would be collected over the traffic survey period (including collection of additional trip origin/destination information if not usually recorded by the drivers). The login data would be used to cross-check the validity of the ATC data and turning movements at the intersection.

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Data Assessment – the survey and login data would be reviewed and assessed to extract data regarding heavy vehicle movements to and from the mine, heavy vehicle movements (total and mine-generated) on The Bucketts Way to the north and south of the mine. Data would include weekly and average daily vehicle movements.

Reporting – the results would be documented, including the raw/background data used in the assessment. The report and data would be provided to Duralie Coal and to MidCoast Council.

Yours sincerely

**GTA CONSULTANTS**



**Penny Dalton**  
**Associate**