

# St Peters Interchange Odour and Gas Monitoring Report



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|--|---|
| Project name:                              | WestConnex – New M5   |
| Licensee                                   | CPB Contractors Pty Limited   |
| Monitoring period                          | 15/08/2017-21/08/2017   |
| Website:                                   | <a href="#">WestConnex – Explore the Route – New M5 (Beverly Hills to St Peters) – New M5 Resources</a> |
| Environmental Protection licence number/s: | 4627  |
| Premise addresses                          | New M5 St Peters Interchange,<br>10-16 Albert Street, St Peters NSW 2044                                |
| EPA Public Register                        | <a href="http://www.epa.nsw.gov.au/prpoeo/index.htm">http://www.epa.nsw.gov.au/prpoeo/index.htm</a>     |

**Monitoring Type: Odour and Gas Monitoring**  
**Monitoring Frequency: Daily**

| Date       | Monitoring Start Time | Monitoring Finish Time | Surveyor | Wind Direction | Monitoring Locations <sup>2</sup> |                       |                       |                     |                        |                       |                     |                        |                       |                     |                        |                       |                     |                        |                       | Comments                       |
|------------|-----------------------|------------------------|----------|----------------|-----------------------------------|-----------------------|-----------------------|---------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------|--------------------------------|
|            |                       |                        |          |                | OM1 <sup>1,3</sup>                |                       |                       | OM2 <sup>1,3</sup>  |                        |                       | OM3 <sup>1,3</sup>  |                        |                       | OM4 <sup>1,3</sup>  |                        |                       | OM5 <sup>1,3</sup>  |                        |                       |                                |
|            |                       |                        |          |                | Odour (odour units)               | H <sub>2</sub> S(ppb) | NH <sub>3</sub> (ppm) | Odour (odour units) | H <sub>2</sub> S (ppb) | NH <sub>3</sub> (ppm) | Odour (odour units) | H <sub>2</sub> S (ppb) | NH <sub>3</sub> (ppm) | Odour (odour units) | H <sub>2</sub> S (ppb) | NH <sub>3</sub> (ppm) | Odour (odour units) | H <sub>2</sub> S (ppb) | NH <sub>3</sub> (ppm) |                                |
| 15/08/2017 | 3:05:00 PM            | 3:50:00 PM             | CDSJV    | NE             | ND                                | ND                    | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | No detection at all locations. |
| 16/08/2017 | 3:50:00 PM            | 4:40:00 PM             | CDSJV    | WNW            | ND                                | ND                    | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | No detection at all locations. |
| 17/08/2017 | 3:25:00 PM            | 4:10:00 PM             | CDSJV    | NW-WNW         | ND                                | ND                    | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | No detection at all locations. |
| 18/08/2017 | 3:45:00 PM            | 5:00:00 PM             | SEMA     | W              | ND                                | ND                    | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | No detection at all locations. |
| 19/08/2017 | 3:47:00 PM            | 4:31:00 PM             | CDSJV    | S-SW           | ND                                | ND                    | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | No detection at all locations. |
| 20/08/2017 | 4:25:00 PM            | 4:52:00 PM             | CDSJV    | S-SW           | ND                                | ND                    | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | No detection at all locations. |
| 21/08/2017 | 4:15:00 PM            | 4:58:00 PM             | CDSJV    | NW             | ND                                | ND                    | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | ND                  | ND                     | ND                    | No detection at all locations. |

<sup>1</sup>ND = Non-detect <sup>2</sup>Refer to monitoring map attached <sup>3</sup>NT = Not Tested (monitoring location not accessible/not yet selected)

Note: Leachate odour compliance limit = 2, H<sub>2</sub>S limit of detection = 1 part per billion, NH<sub>3</sub> limit of detection = 1 part per million