

TABLE 1: BDAR Waiver Request Information Requirements.

The following information forms Appendix E of the Halgan Scoping report to NSW DPIE.

Admin	- Proponent name and contact details. - Project ID (Information to identify which SSD or SSI project the request relates to and where the project is up to in the assessment process). - Name and ecological qualifications of person completing TABLE 2	Halgan Liquid Waste C/o Andrew Wild, Wild Environment, ph. 0438 246 344, andrew.wild@wildenvironment.com.au, PO Box 66 Annandale NSW 2038 PDA-1125 SSD: Liquid Treatment and Manufacturing Facility, 10 Davis Road, Wetherill Park NSW 2164. Andrew Wild, B Eng, more than 20 years assessing and managing projects in NSW. Environment and Approvals Manager for wide range of works including Northside Storage Tunnel, Lane Cove Tunnel, Sydney Water's NetWorks Alliance, Sydney's Desalination Pipeline, Silcar NBN Program.
Site details	Street address, Lot and DP, local government area. Description of existing development site, ie, the area of land that is subject to the proposed development application. Location map showing the development site in the context of surrounding areas and landscape features. Satellite image of site in context of adjoining sites. Site Map (to scale, ideally as a spatial shapefile).	10 Davis Road, Wetherill Park (603/260618) - Existing Facility including building and parking apron. Refer to Section 5.1 and 5.2 of Scoping Report. - Refer to Section 5.1 and Figure 5.1 of Scoping Report. - Refer to Section 5.1 and Figure 5.1 of Scoping Report. - Refer to Section 5.1 and Figure 5.1 of Scoping Report.
Proposed development	Project Description providing enough information to enable an understanding of the nature and scale	Refer to Section 5.3 of Scoping Report.

	of the proposed development and any associated activities (including construction etc). Proposed Site Plan	Refer to Figure 5.5 of Scoping Report.
Impacts on biodiversity values	Complete TABLE 2 below on Biodiversity Values. For each biodiversity value, the proponent must either: - explain why the value is not relevant to the proposed development; or - where a biodiversity value may be relevant, provide an explanation of how impacts have been avoided and identify the likelihood and extent of any remaining impacts of the proposed development, including impacts prescribed under clause 6.1 of the BC Regulation. • A biodiversity value is not relevant to a proposed development if the value is not present on the development site AND there is no potential for direct or indirect impacts on the biodiversity value if it occurs off-site. • Attach any additional information required where biodiversity values are relevant to the site. E.g. Vegetation Map (indicating plant community types), Ecology Reports, Water Quality data, BioNet Atlas,	All proposed works would be internal, within existing building. No impact to existing vegetation. The site has been heavily modified by industrial use. Few trees or shrubs are present, and the majority of the site is hardstand. There are several hardy eucalypts (Sydney bluegum) and callistemon (bottlebrush) within the perimeter of the site which will be protected and maintained. There is limited flora and fauna resources on the site and its immediate surroundings, with very little potential habitat. A NSW Bionet Atlas Search has indicated no listed threatened species in the immediate vicinity (refer Figure 5). The proposed development area consists of internal alterations to an existing structure which has no impact on any flora or fauna species. No excavation or vegetation clearing is required. There will be no additional impacts during the operational phase. Refer to Figures 1, 2, 3 & 4 below. Refer BioNet Atlas Search 19 November (Figure 5).

	Directory of Important Wetlands (DIWA), migratory bird flyway information.	

Table 2: BDAR Waiver Request Information Requirements.

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Biodiversity value	Meaning	Relevant	Explain and document potential impacts including additional impacts prescribed under the BC Regulation Attach additional supporting documentation where appropriate	
Vegetation abundance - 1.4(b) BC Regulation	Occurrence and abundance of vegetation at a particular site	N/A	Where vegetation is present on the development site, provide a map on digital aerial photography or the best available imagery of the development site showing: native vegetation (including grasslands and other nonwoody vegetation types) and non-native vegetation, and the area of land that is directly impacted by the proposed development, including related infrastructure such as roads, pipelines, access tracks, temporary material stockpiles, asset protection zones and powerlines, if applicable. Describe how the proposed development avoids impacts on native vegetation and identify the likelihood and extent of any remaining impacts including removal of isolated or cultivated native plants.	No vegetation within impact zone of proposed works. Works will be carried out within existing building, on concrete slab. Grassed verge with several eucalypts and callistemon directly in front of site will not be impacted by works. Trees are typical of street trees in industrial area, of average health and structure, and clearly impacted by occasional trimming. Two small bottlebrush within site (near office entrance) and well outside the construction access zone, which will be clearly marked to avoid vegetation and parking conflicts.
Vegetation integrity 1.5(2)(a) BC Act	Degree to which the composition, structure and function of vegetation at a particular site and the surrounding	N/A	Describe the vegetation integrity and any impacts on vegetation integrity of identified plant communities.	- As above. Street plantings appear to date from establishment of industrial area (>20 years). - Site plantings appear to date from early 2000's. - Health of street trees appears to be average, and provide limited if any habitat or inter-connectedness for corridors.

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Biodiversity value	Meaning	Relevant	Explain and document potential impacts including additional impacts prescribed under the BC Regulation Attach additional supporting documentation where appropriate	
	landscape has been altered from a near natural state			
Habitat suitability 1.5(2)(b) BC Act	Degree to which the habitat needs of threatened species are present at a particular site	N/A	Identify any threatened species or ecological communities or their habitat on the development site. Describe how the proposed development avoids impacts on habitat suitability and identify the likelihood and extent of any remaining impacts including the impacts of development on the following habitat of threatened species or ecological communities: (i) karst, caves, crevices, cliffs and other geological features of significance (ii) rocks (iii) human made structures (iv) non-native vegetation (prescribed under clause 6.1(1)(a) of the BC Regulation). Impacts may include the removal or modification (eg. noise, light etc) of the habitat of threatened species or ecological communities.	- See above. Occasional birdlife. No evidence of possums, dreys or hollows. - Area is subject to heavy traffic with associated noise, light etc typical of heavy industry.
Threatened species abundance 1.4(a) BC Regulation	Occurrence and abundance of threatened species or threatened ecological communities, or their habitat, at a particular site	N/A	Describe how the proposed development avoids impacts on threatened species abundance and identify the likelihood and extent of any remaining impacts including impacts of vehicle strikes on threatened species of animals or on animals that are part of a threatened ecological community (prescribed under clause 6.1(1)(f) of the BC Regulation).	Works will be carried out within existing building on existing concrete slab. No risk of impact during construction or operation.
Habitat connectivity 1.4(c) BC Regulation	Degree to which a particular site connects different areas of habitat of threatened species	N/A	Identify whether the development site contributes to habitat connectivity. Describe how the proposed development avoids impacts on habitat connectivity and identify the likelihood and extent of any remaining impacts of development on the	No evidence of threatened species (refer also attached BioNet Atlas Search. No evidence of corridors.

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Biodiversity value	Meaning	Relevant	Explain and document potential impacts including additional impacts prescribed under the BC Regulation Attach additional supporting documentation where appropriate	
	to facilitate the movement of those species across their range		connectivity of different areas of habitat of threatened species that facilitates the movement of those species across their range (prescribed under clause 6.1(1)(b) of the BC Regulation).	
Threatened species movement 1.4(d) BC Regulation	Degree to which a particular site contributes to the movement of threatened species to maintain their lifecycle	N/A	Describe how the proposed development avoids impacts on threatened species movement and identify the likelihood and extent of any remaining impacts of development on movement of threatened species that maintains their lifecycle (prescribed under clause 6.1(1)(c) BC Regulation).	See above and Scoping report. Proposed works will not be near street or site trees. No evidence of threatened species.
Flight path integrity 1.4(e) BC Regulation	Degree to which the flight paths of protected animals over a particular site are free from interference	N/A	Identify whether flight paths of protected animals occur over the development site. Protected animals are animals of a species listed or referred to in Schedule 5 of the BC Act. They include any species of birds, mammals, amphibians or reptiles that are native to Australia or that periodically or occasionally migrate to Australia. Describe how the proposed development avoids impacts on flight path integrity and identify the likelihood and extent of any remaining impacts. Note: The impacts of wind turbine strikes on protected animals are prescribed under clause 6.1(1)(e) of the BC Regulation. It is, therefore, unlikely that a BDAR waiver would be issued for a proposed wind farm.	Refer above.
Water sustainability 1.4(f) BC Regulation	Degree to which water quality, water bodies and hydrological processes sustain threatened species	N/A	Describe how the proposed development avoids impacts on water sustainability and identify the likelihood and extent of any remaining impacts of development on water quality, water bodies and hydrological processes that sustain threatened species and threatened ecological communities (including from subsidence or upsidence resulting from	Proposed works will not entail excavation, and will be carried out within existing building within bunded area. No impacts to water quality in the vicinity.

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Biodiversity value	Meaning	Relevant	Explain and document potential impacts including additional impacts prescribed under the BC Regulation Attach additional supporting documentation where appropriate	
	and threatened ecological communities at a particular site.		underground mining or other development) (prescribed under clause 6.1(1)(d) of the BC Regulation).	

Figure 1: Looking south from Davis Road. New roller door to be installed to left (east) of existing roller door. All works with existing building. Street and site trees not within risk zone for construction access.



Figure 2: Looking south-east from Davis Road-Elizabeth St intersection.



Figure 3: Looking east from Elizabeth St.



Figure 4: Aerial view of 10 Davis Rd Wetherill Park (google earth)

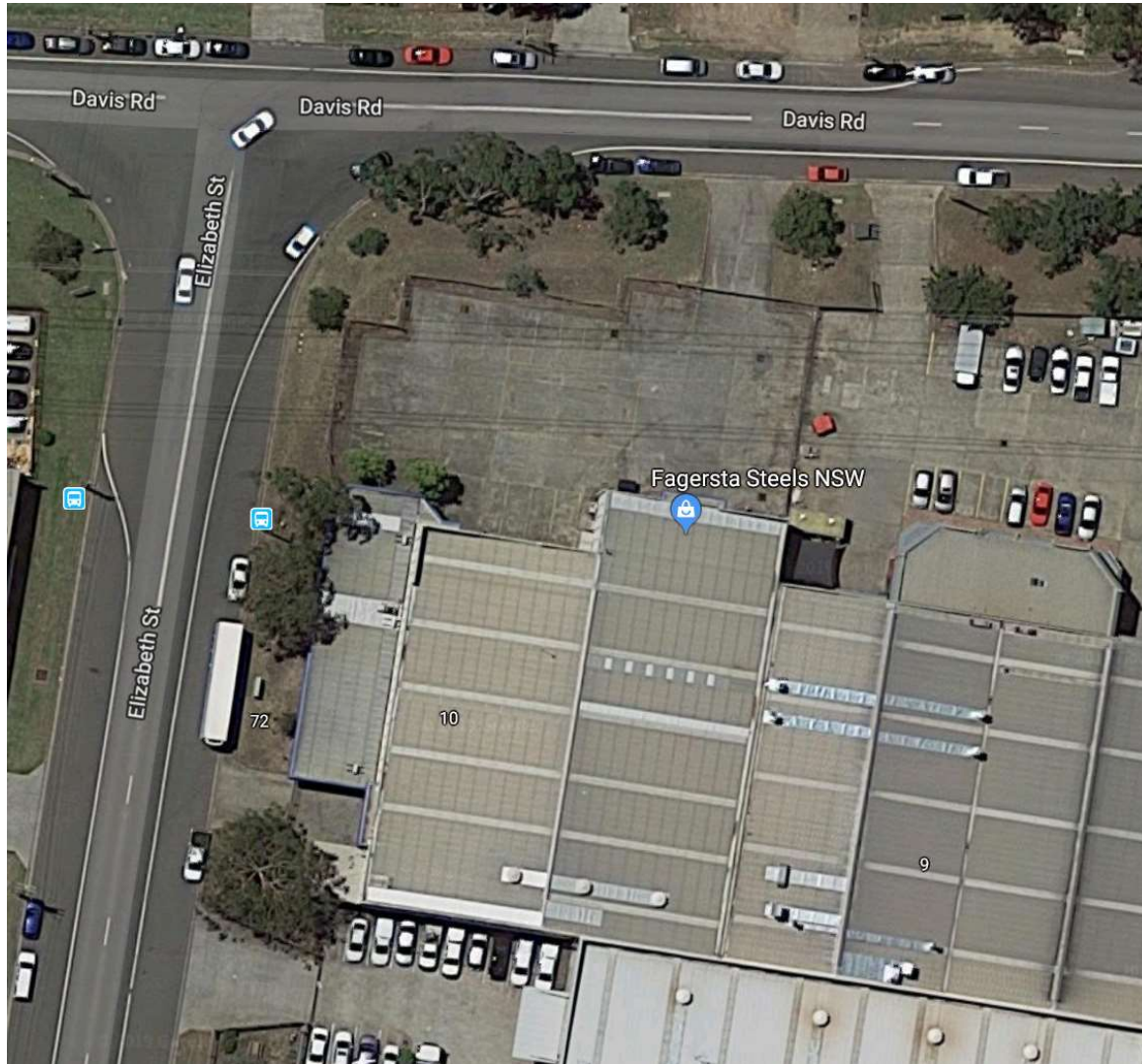
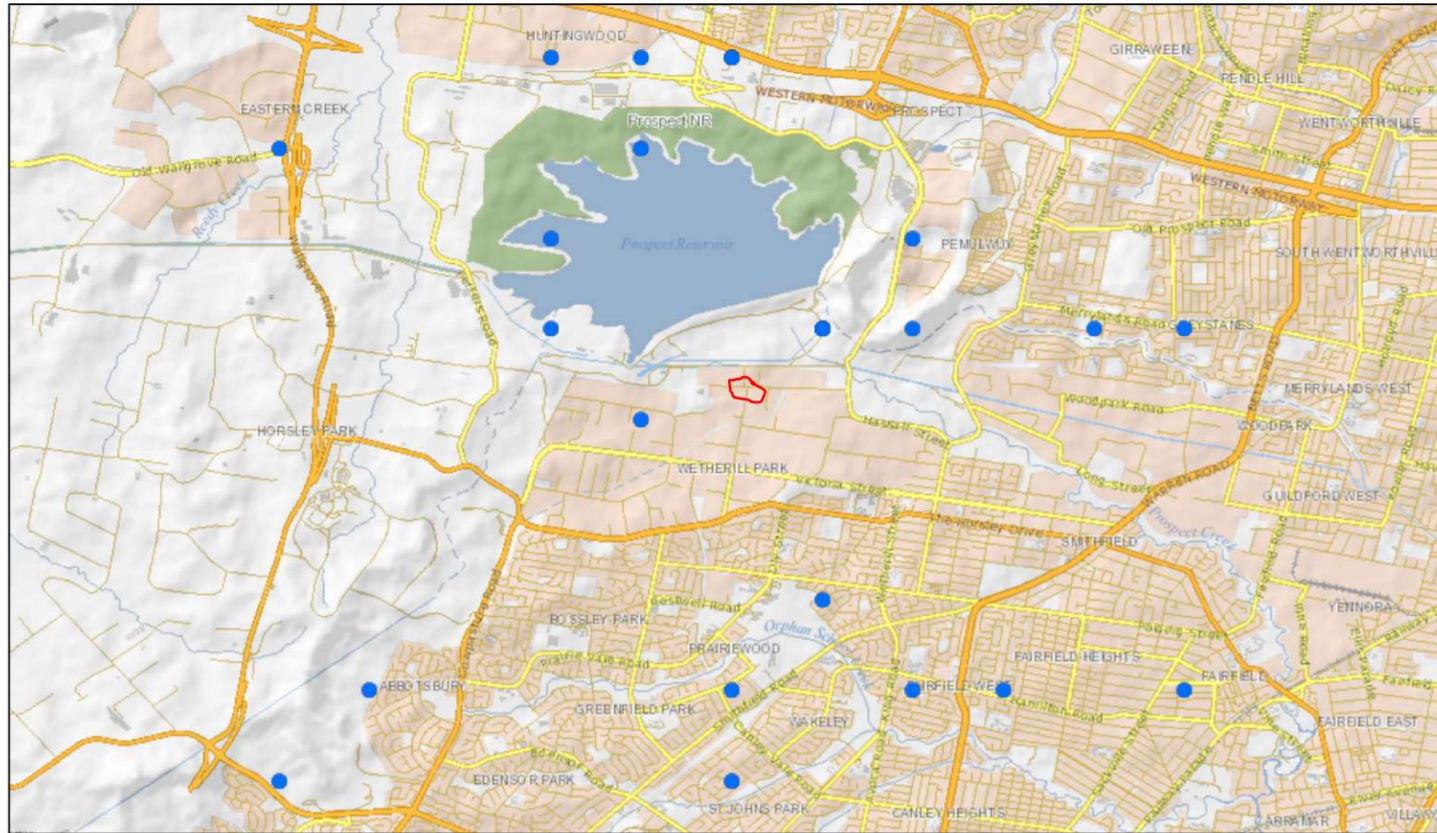


Figure 5: NSW OEH BioNet Atlas Search 19 November 2019 (10 Davis Rd in red)

Atlas Map

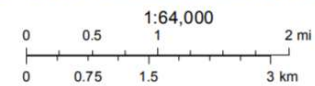


November 19, 2019

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