Annual Compliance Report 2016

Proposed commercial development, including earthworks, construction of roads and services infrastructure in the Wirraway North Precinct, Essendon Airport, Essendon Fields, Victoria (EPBC 2014/7213)

Reporting Period:

7 May 2015 to 7 May 2016

Summary of Works during the Period:

Land clearing and bulk earthworks were undertaken during the period, followed by construction of new roads to extend the road network into the site and construction of services infrastructure for, electricity supply, street lighting, water, sewer and stormwater.

Additionally, construction of the first three commercial developments (three car dealerships) commenced and was substantially completed during the period.

The evolution of site works is illustrated in the annotated aerial photographs in **Attachment 1**.

Compliant / Non-Compliant / Not Applicable	Evidence / Comments
Compliant	The action has not occurred outside of the project area, as demonstrated by site works photos in Attachment 1 and the Project Area site plan in Attachment 2 .
Compliant	Construction works commenced 7 May 2015, as advised in EAPL's letter to DoE dated 13 May 2015.
	Prior to the commencement of construction, EAPL implemented the approved Construction Environmental Management Plan with its construction contractor Georgiou Group Pty Ltd. The layout of sediment controls implemented by the contractor are summarised in Attachment 3 .
Non-compliant	A rain event on Sunday 12th July 2015, whilst less than a 1 in 10 year event, was not contained by a temporary stormwater basin, resulting in flooding in the north-east corner of the site and two adjoining properties. The construction contractor was instructed to comply with the CEMP requirement and provide proof that the requirements were met. A temporary pump was installed and installation of the pump tank was brought forward, to provide additional detention storage. Following the incident and implementation of additional controls,
	/ Not Applicable Compliant Compliant

b. if potential asbestos containing material is encountered, management arrangements must follow the processes for the removal and disposal of waste asbestos, as prescribed in the <i>Victorian Occupational Health and Safety Regulations 2007.</i>		site, stored in the pump tank and then pumped into the south eastern swale which is capable of containing a 1 in 100 year rain event. The contractor's calculations outlining that these additional measures are capable of containing a 1 in 10 year ARI is included at Attachment 4 . No further flood events occurred after these additional controls were implemented. Asbestos was encountered on two occasions through the ACS3 construction works. On the first occasion an Asbestos Management Plan was developed by the contractor Georgiou (Georgiou Work Management Plan for the removal of Asbestos) in line with Victorian Occupational Health and Safety Regulations 2007. This plan was reviewed and approved by the Airport Environment Officer at the time, Mr Bryan Perry and enacted shortly thereafter. In line with the plan all works were undertaken under the supervision of a hygienist. On the second occasion the contaminated material was inspected by a hygienist, cleared and secured. This was followed by a clearance certificate from the hygienist.
3. To minimise adverse impacts from stormwater runoff as a result of land use changes at the project area , the person taking the action must implement the following measures as outlined in the Stormwater Strategy Report: a. on-site detention/s to reduce the legal point of discharge from the 10 year Average Recurrence Interval post development peak flow rates to the 5 year Average Recurrence Interval pre-development peak flow rates in accordance with the <i>Moonee Valley City Council Stormwater Drainage Requirements for Development Works</i> (2003);	Compliant	Measures outlined in the Stormwater Strategy Report have been implemented/constructed.
 convey the majority of a 100 year Average Recurrence Interval event in drainage networks and flow paths to the legal point of discharge; and 		

		27 CA 7 F F F F F F F F F F F F F F F F F F
c. design and implement water sensitive urban design measures in accordance with Melbourne Waters MUSIC Guidelines (December 2010) and the CSIRO Urban Stormwater- Best Practice Environmental Management Guidelines (2006).		
4. Prior to the commencement of high risk operational activities, tenants must develop and implement an Operational Environmental Management Plan in consultation with Airport Management and the Airport Environment Officer. Within a month of commencement of high risk operational activities, the approval holder must notify the Department in writing and provide a copy of the Operational Environmental Management Plan.	Not Applicable.	No high risk operational activities have commenced.
5. Prior to commencement of construction the person taking the action must establish at least 6.6 ha of NTGVVP Offset at the Terrinallum South Property to compensate for the complete loss of NTGVVP at the project area. Any proposal for an alternative offset must be agreed to in writing with the Department. The person taking the action must:	Compliant	The NTGVVP Offset has been established at the Terrinallum South Property, as confirmed in EAPL's letter to DoE dated 13 May 2015.
a. enter into an Agreement under section 173 of the Planning and Environment Act 1987, to secure a NTGVVP Offset at the Terrinallum South Property, as identified in Annex 2;		Complete.
b. provide the Department with the offset attributes, shapefile and map(s) clearly defining the location and boundaries of the NTGVVP Offset , within 2 weeks of lodgement at the Titles Office ; and		Complete
c. ensure the Agreement is registered on the title on which the NTGVVP Offset is located and provide the Department with a signed copy of the Agreement and evidence of lodgement with the Titles Office within 2 weeks of lodgement.	2022 Py	The Agreement was registered on the land title for the Terrinallum South Property on 5 May 2015, by Dealing Number AL860292S. EAPL provided a signed copy of the Agreement to the Department on the 13 th May 2015.

6. The person taking the action must ensure the NTGVVP Offset is managed in accordance with the NTGVVP Offset Management Plan for a period of at least 10 years from the date of execution of the Agreement.	Compliant	Land Holder Monitoring Report Number 1 (May 2016) was prepared by the landowner/manager of the offset site and provided to DoE 20 May 2016.
7. Within seven (7) calendar days after the commencement of construction , the person taking the action must advise the Department in writing of the actual date of commencement of construction .	Compliant	Construction works commenced 7 May 2015, as advised in EAPL's letter to DoE dated 13 May 2015.
8. The person taking the action must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement management plans and make them available upon request to the Department .	Compliant	Noted. Records have been maintained by EAPL.
Such records may be subject to audit by the Department or an independent auditor in accordance with section 458 of the EPBC Act , or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the Department's website. The results of audits may also be publicised through the general media.		
9. Within three months of every 12 month anniversary of the commencement of construction , the person taking the action must publish an annual report on their website addressing compliance with each of the conditions of this approval, including implementation of any management plans as specified in the conditions. Documentary evidence providing proof of the date of publication and non-compliance with any of the conditions of this approval must be provided to the Department at the same time as the annual report of compliance is published. The person taking the action must continue to	Compliant	This report is required to be published to EAPL's website by 7 August 2016 and was published on Friday 5th August 2016.
publish the annual report until such time as agreed in writing by the Minister .		
10. The person taking the action must notify the Department in writing of any non-compliance with conditions no later than two (2) business days of becoming aware of the noncompliance.	Non-compliant	As noted above, controls in place to prevent runoff into adjacent properties during a major rain event roved to be inadequate on one occasion. The Department was not notified of this non-compliance. However, additional measures were implemented and no further flood events occurred.

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11. Upon the direction of the Minister , the person taking the action must ensure that an independent audit of compliance with the conditions of approval is conducted and a report submitted to the Minister . The independent auditor must be approved by the Minister prior to the commencement of the audit. Audit criteria must be agreed to by the Minister and the audit report must address the criteria to the satisfaction of the Minister .	Not Applicable	An independent audit has not been directed by the Minister.
12. If the person taking the action wishes to carry out any activity otherwise than in accordance with management plans as specified in the conditions, the person taking the action must submit to the Department for the Minister's written approval a revised version of that management plan. The varied activity shall not commence until the Minister has approved the varied management plan in writing. The Minister will not approve a varied management plan unless the revised management plan would result in an equivalent or improved environmental outcome over time. If the Minister approves the revised management plan, that management plan must be implemented in place of the management plan originally approved.	Not Applicable	
13. If the Minister believes it is necessary or convenient for the better protection of listed threatened species and ecological communities, the Minister may request that the person taking the action make specified revisions to the management plans specified in the conditions and submit the revised management plans for the Minister's written approval. The person taking the action must comply with any such request. The revised approved management plans must be implemented. Unless the Minister has approved the revised management plans then the person taking the action must continue to implement the management plans originally approved, as specified in the conditions.	Not Applicable	
14. Unless otherwise agreed to in writing by the Minister , the person taking the action must publish a copy of each approved management plan referred to in these conditions of approval on	Compliant	The approved management plans are published at the link below: http://www.essendonairport.com.au/planning/epbc-act-assessments

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their website within one (1) month of approval of the management plan. Each management plan(s) must be accessible to general members of the public for a period of at least 10 years from the date of approval of the management plan(s). Any variations to management plans must be published on the website within one (1) month of the variation being approved by the Minister .		
15. If, at any time after five (5) years from the date of this approval, the person taking the action has not substantially commenced the action, then the person taking the action must not substantially commence the action without the written agreement of the Minister .	Not Applicable.	The action commenced 7 May 2015.

Declaration of accuracy

In making this declaration, I am aware that sections 490 and 491 of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) make it an offence in certain circumstances to knowingly provide false or misleading information or documents. The offence is punishable on conviction by imprisonment or a fine, or both. I declare that all the information and documentation supporting this compliance report is true and correct to the best of my knowledge. I am authorised to bind the approval holder to this declaration and I have no knowledge of that authorisation being revoked at the time of making this declaration.

Essendon Airport Pty Ltd

Chris Cowan
Chief Executive Officer

5 August 2016



Photo Date: 17 May 2015 Comments on construction progress:

Site establishment commenced

Some site sheds and plant delivered

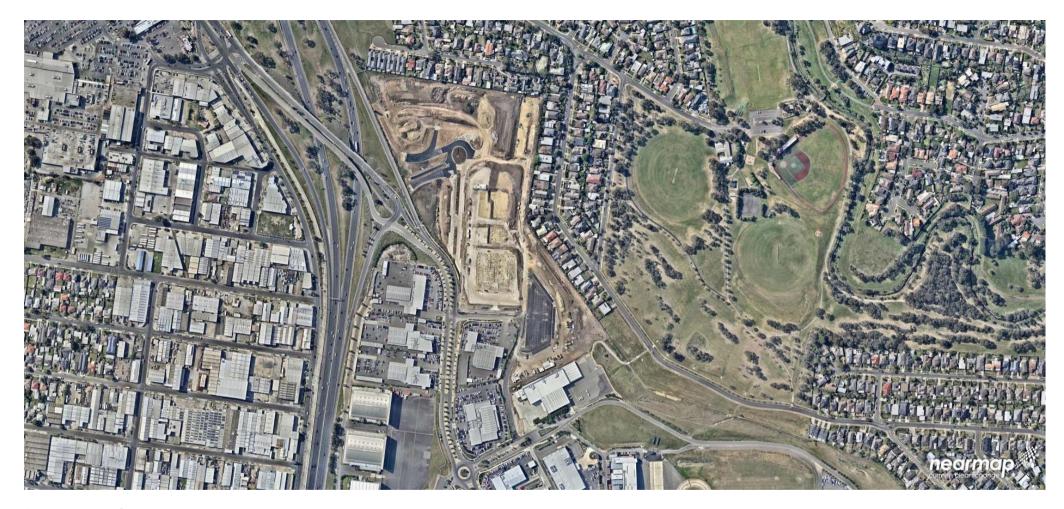


Photo date: 4 October 2015

Comments on construction progress:

- Site stripped and majority of bulk earthworks complete Construction of 3 car dealership sites commenced
- Southern car park complete
- Construction of extension to Wirraway Road well underway
- Sewer and stormwater substantially complete



Photo Date: 16 December 2015 Comments on construction progress:

South car park and service road open

New Wirraway Road alignment complete

- Construction of 3 car dealerships well underway Street lighting commissioned
- Landscaping works underway



Photo Date: 4 February 2016 Comments on construction progress:

Construction of 3 car dealerships continues

Landscaping of Wirraway Road complete

- All roads open, except rear (eastern) link road

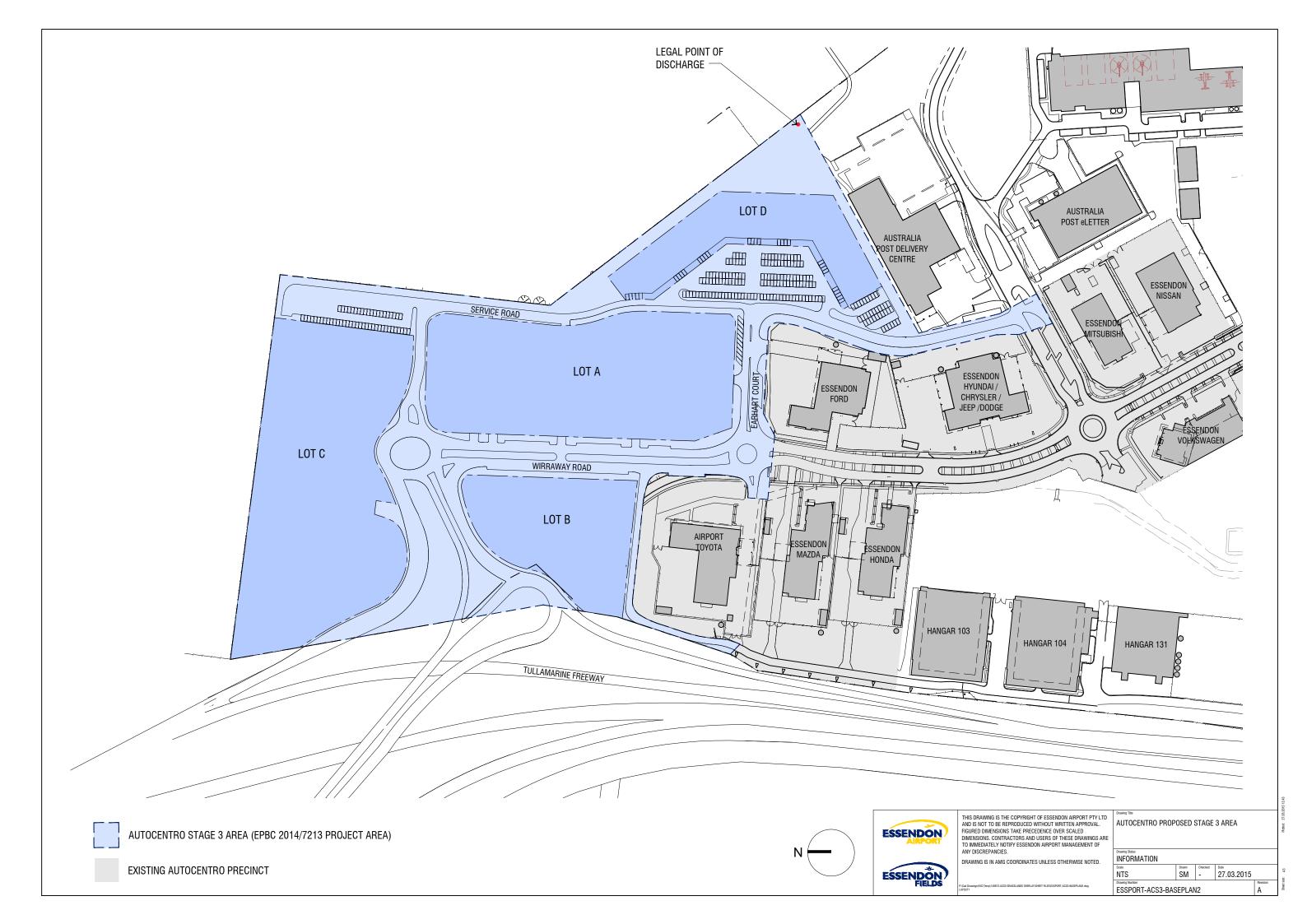


Photo Date: 4 April 2016

- Comments on construction progress:

 Landscaping of freeway entry and exit ramps complete

 Majority of fill material removed from site
- Landscaping of eastern batter underway



ATTACHMENT 3

The following have been identified as significant environmental aspects for the site: Site EMP A1 Plan (1)- Types and Locations of Environmental Protection Measures ENSURING SEDIMENT LADEN RUNOFF OR OTHER CONTAMINANTS DO NOT LEAVE SITE Project Name: Essendon Fields Auto Centro Stage 3 These aspects shall be managed with the environmental protection measures outlined on this plan. Date and Revision: 25/05/2015 Rev 01 Management 1. Responsibilities: Central enquiries regarding this plan and its implementation shall be directed to Georgios. Enquiries with regard to the design and implementation of environmental control shall be directed Descendon Fields. Individual contractors shall provide each of the protective measures as detailed within this EMB and be responsible for the correct implementation of the EMP. Contractors shall rend, sign and understand the EMP prior to commencing any HAY BALE TEMP FENCING 2 Communication of EMP Resultements
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3. Inspections and Multistrassice?
Refer to the EMP inspection checklist for further detail.
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Inspection storing aria events shall occur more regularly.
Monitoring will generally be in the form of visual inspections. Any deficiency
and proceeding. Inspections during ain events shall occur more regularly.
Monitoring will generally be in the form of visual inspections. Any deficiency
and be recreated by the responsible contracts within 12 beaut of antifications. ction with Georgiou have Essendon Fields in conjunction with Georg notified local residence of construction acti was undertaken by a letter drop and postal. 6. Associated Documents: Refer to the main EMP rese SILT FENCE SITE OFFICE 2 8 8 8 8 439 Noise Risk: Significant/Med/Low
Requirement: EPA Victoria and Council requirements must be adhered to in relation to the level of noise and working hours, to ensure that √³ Noise SERVICE RUAD 21-SERVICE ROAD ZI- New Yorking Hours:
 Noise Minimisation Methods:
 Noise Minimisation Methods:
 Noise Minimisation Methods:
 SENCE PRO 2 Other:
Noise levels shall be in accordance with the EPAVs. minimizaci HOLDING BASIN 07.00 to 18.00 Monday - Friday criteria and guidelines and the Superintendent shall contact the EPAV and the Municipal Council where excessive noise is noted. Enforce the use of hearing protection equipment as required by the works vehicles on-site 07.00 to 14.00 Saturday The state of the s ⇒ Dust Risk: Significant/Med/Low EXPLOY COURTS Requirement: Dust generation must be minimised to ensure there is no 10. Minimising Dust Generation: It is the responsibility of the Contractor to ensure that machinery RUMBLE GRID Contingencies:
 At times when generation in quantities is likely, a water cart shall be maintained on the site for immediate use. TEMP SWALE and vehicles operated on site are regularly maintained in accordance maintained on the site for immediate use.

Works should be relocated to areas less affected (if possible). I with manufacturer's specifications TOPSON such an area cannot be found works methods should be reviewed FARHART O'VERT STOCKPILE Dust Suppression:
 Dust generated by either moving plant or wind shall be controlled by application of water on exposed surfaces, including access roads. - WARAWAY HOAD MORTH MERCUND EDUTE ROUNDABOUT Erosion and Sediment Risk: Significant/Med/Low prevent sediment-laden water from entering any drainage system or natural waterway.

14. <u>Drainage Management</u>

71. <u>Sediment Traps:</u>

All crosion and sediment control works will be inspected every precent sofiment-lades unter from entering any drainage system or and
14. Trainages Amazement
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Protectric measures to the approach of the composition of
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15. The second of week and within 12 hours after heavy rain.

Silt traps shall be incorporated in to the drainage controls to minimise the silt discharge to native flora and fauna, archaeological/heritage sites of significance, or waterways. MAINTAIN SWALE - MERANA HOAD NORTH OUTBOOKS - WRITAWAY HOAD-SOUTH DUTBOURD 18. Devantering:
Treat contaminated water from the stormwater system on natural waterway to remove sediment if the turbidity exceeds 30 NTU. Ensure the level of suspended solids in water discharged to natural waterways never exceeds the regulatory water quality standard. VELROSE DRIVE DATE FILL STOCKPILE WELROW UNIVERSITY ON PERIMETER MERAWAY ROLD DOT 19. Vehicle and Road Management: During Cosmission:

Erosion can be minimised by minimising the area of disturbed soil.

Wind crosson from stockpile areas to be minimised by spraying with water as needed, rolling off surface or back-blading.

Sensitive areas such as haul roads, batter, scoured drainage outfalls to be periodically compacted and reformed. Site access to be from the designated entry and exit points only Vehicles are to be cleaned prior to leaving the site Wheel washes and/or Rumble Grids are to be installed at a EF to undertake landscaping as soon as construction activities allow this to secon.

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In this to execute the second of the second of the size of the size of the second of the secon entry/exit points
Crushed rock punds to be provided at entry and exit points to prevent Entrance and exit points to the existing road network are to be monitored daily or following a rainfall event.

Roads are to be maintained in a state free of sediment. DICT MAGNE PAY Roads are to be maintained in a state tree of sediment.

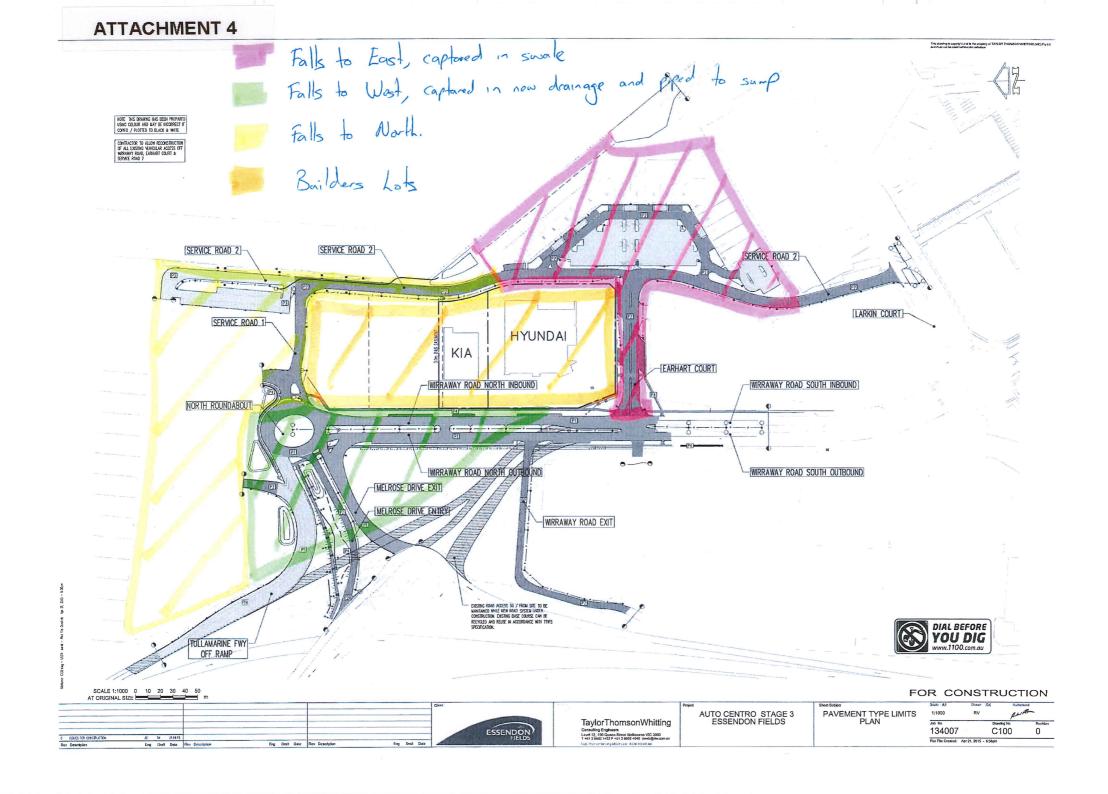
20. Other;
Maintenance of such temporary drains, pumps and other equipment will occur as necessary to protect the works, native flora and fauna archaeological/heritage sites of significance, or waterways HAY BALES the designated stockpile areas.

Waste Risk: Significant/Med/Low Requirement: Litter and waste must be contained on site, before disposal in a responsible manner. Waste generation must be minimise Movement of Soil: Off site On Contaminant Status: Clean Fill 23. Waste Storage and Disposal:
All construction generated recycled waste material to be disposed of 22. Waste Minimisation Methods:
Reduce, Reuse and Recycle materials where appropriate. A waste 24. Other:
The Site is to be properly signed and barricaded to prevent unauthorised disposal of waste material on the Site by others. Any rubbish or waste deposited is to be cleared from the Site by the minimisation and recycling program will be implemented where specified. This will include solid inert waste, which is suitable for on-site reuse and which is considered non-hazardous. Advice will be sought from Sustainability Victoria und the Superintendent prior to obtain a meta-cicle feet. selecting materials for reuse 2 Chemicals Risk: Significant/Med/Low Other Site Specific Issues escape or spillage of chemicals or fuels.

25. Storage:
Hazardous materials stored on site shall be clearly labelled and 27) Education Procedure:

The Controller Smill service re-fuelling and maintenance of vehicles, plant and machinery to a designated re-fuelling and maintenance area. Re-fuelling shall not be understance unside this area. The designated re-fuelling and maintenance area shall be appropriately shiphiphical, where pookles, to ensure that fact are shall be appropriately shiphiphical, where pookles, to ensure that fact event of a fact spall, Emergency procedures in accordance with event of a fact spall. Emergency procedures in accordance with a fact of the spall o Requirement: All significant Flora of four and Archaeological/ Heritage Risk: Signif Risk: Significant/Med/Low Risk: Significant/Med/Low riazations trainerians source do size small to clearly indented and signed as to their nature and risk warnings. A register of hazardous materials stored on the site will be maintained, and an emergency response plan in the event of an accident. All personnel, working in possible contact with hazardous chemicals or materials, will be rainted in material storage and procedures to be followed in the event 30. Yes/No. Details of an emergency. 26: Spill Management:
The Contractor shall provide on-site and have access at all times to a 28. Other: 28. Other: Remediation of the refuelling areas may be required at completion of the work or in the event of a major spill. I have read this Environmental Management Plan and agree to undertake works and ensure sub-contractors undertake works in accordance with this plan. Developer Consultant Contractor

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Section Company Comp			Environmental protection measures shall be constructed in accordance with the following designs.	
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Low Overall Risk Overall Risk		Overall Risk		
		Low	Overall Risk	Overall Risk



Rainfall Storage Volume

Area 1 - Green Current	21,000		Runoff	0.9
				Volume 1.10 (m3)
2hr	24	453.6	37	699.3
6hr	35.4	669.1	52.32	988.8
24hr	56.64	1070.5	83.76	1583.1
3 day	74.88	1415.2	116.64	2204.5
Area 2 - Green Future	10,000	m2	Runoff	0.9
	mm/hr1:2	Volume 1.2 (m3)	mm/hr 1:10	Volume 1.10 (m3)
2hr	24	216.0	37	333.0
6hr	35.4	318.6	52.32	470.9
24hr	56.64	509.8	83.76	753.8
3 day	74.88	673.9	116.64	1049.8
Area 3 - Yellow Current	36,000	m2	Runoff	0.9
	mm/hr1:2	Volume 1.2 (m3)	mm/hr 1:10	Volume 1.10 (m3)
2hr	24	777.6	37	1198.8
6hr	35.4	1147.0	52.32	1695.2
24hr	56.64	1835.1	83.76	2713.8
3 day	74.88	2426.1	116.64	3779.1
Area 4 - Yellow Future	29,000		Runoff	0.9
				Volume 1.10 (m3)
2hr	24	626.4		965.7
6hr	35.4	923.9		1365.6
24hr	56.64	1478.3		2186.1
3 day	74.88	1954.4	116.64	3044.3
Area 5 - Orange	18,000		Runoff	0.9
		, ,		Volume 1.10 (m3)
2hr	24	388.8		599.4
6hr	35.4	573.5		847.6
24hr	56.64	917.6		1356.9
3 day	74.88	1213.1	116.64	1889.6

Water Catchment Requirements

	Area	1 in 2 year Volume (m3)	1 in 10 year Volume (m3)	Comments
Current				
Yellow	36000	800	1200	Assume 2hr event is worst case with pump keeping up with additional volume for 6 or 24 hr event
Green	21000	450	700	Assume all being taken by stormwater ag lines and pits.
Orccii	21000	150	700	Assume all being taken by stormwater ag times and pits.
New				
Yellow	29000	650	1000	Assume the event is worst case with nump keeping up with additional values for 6 or 24 hr event
NAME AND ADDRESS OF THE OWNER, WHEN PARTY OF THE PARTY OF				Assume 2hr event is worst case with pump keeping up with additional volume for 6 or 24 hr event
Green	10000	220	350	Assume all being taken by stormwater ag lines and pits.
Orange	18000	400	600	Assume all is retaining within lots
Catchment				
	Volume (m3)	1 in 2 year	1 in 10 year	Comments
Current				
Northern Corner	1200	ok	ok	0.5m of depth to lower area
Future (no PS)				
Northern Corner	600	not ok	not ok	0.25m of depth to lower area
Noi them come	000	HOL OK	HOL OK	0.25iii oi deptii to towei alea
F (DC)				
Future (PS)				
Northern Corner	240	ok final design	ok final design	0.1m kerb height, pump station in operation so drainage working