Stolthaven Annual Review 2025

Stolthaven Australia Pty Ltd

16 March 2026

→ **The Power of Commitment**

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Glossary

Abbreviation	Description
ANZECC	Australian and New Zealand Environment and Conservation Council
API	American Petroleum Institute
BTEX	Benzene, toluene, ethylbenzene and xylenes
BTEXN	Benzene, toluene, ethylbenzene, xylenes and naphthalene
CoC	Contaminants of Concern
CoPC	Contaminants of potential concern
CEMP	Construction Environmental Management Plan
CSMP	Contaminated Site Management Plan
DO	Dissolved oxygen
DPE	Department of Planning and Environment
DPHI	Department of Planning Housing and Infrastructure
EC	Electrical conductivity
EIS	Environmental Impact Statement
EP&A Act	*Environmental Planning and Assessment Act 1979*
EPA	NSW Environment Protection Authority
EPL	Environmental Protection License
GAC	Groundwater assessment criteria
GHD Pty Ltd	GHD
GMP	Groundwater Monitoring Program
HCCDC	Hunter and Central Coast Development Corporation
IEA	Independent Environmental Audit
LOR	Limit of reporting
M4	Mayfield Berth No. 4
M7	Mayfield Berth No. 7
MCP	Mayfield Concept Plan
mg/L	Milligrams per litre
ML	Mega litre
NAPL	Non-aqueous phase liquid
NATA	National Association of Testing Authorities
NEPC	National Environment Protection Council
NEPM	National Environment Protection Measure
PCHS	Pre-Construction Hazard Studies
POEO	*Protection of the Environment Operations Act 1997*
PON	Port of Newcastle
ppm	Parts per million
SSD	State significant development
SWMP	Stormwater Management Plan
T&I SEPP	State Environmental Planning Policy (Transport and Infrastructure) 2021

Abbreviation	Description
TIA	Traffic Impact Assessment
TDS	Total dissolved solids
TRH	Total recoverable hydrocarbons
TSS	Total suspended solids
µg/L	Micrograms per litre
µS/cm	Micro siemens per centimetre
WMP	Waste Management Plan
VRA	Voluntary Remediation Agreement

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Acknowledgement of Country

GHD acknowledges Aboriginal and Torres Strait Islander peoples as the Traditional Custodians of the land, water and sky throughout Australia on which we do business. We recognise their strength, diversity, resilience and deep connections to Country. We pay our respects to Elders of the past, present and future, as they hold the memories, knowledges and spirit of Australia. GHD is committed to learning from Aboriginal and Torres Strait Islander peoples in the work we do.

1. Introduction

GHD Pty Ltd (GHD) was engaged by Stolthaven Australia Pty Ltd (Stolthaven) to prepare the 2025 Annual Review to assess the environmental performance of the fuel import storage and dispatch facility located at the former BHP Steelworks, approximately 5 km northwest of the Newcastle CBD (the site). The site is operated under the State Significant Development (SSD) development consent SSD_7065 issued on 15 December 2016 to expand the existing operations under SSD_6664 (now surrendered). The site was originally approved under the now superseded Part 3A of the EP&A Act, under Project Approval MP08_130 and SSD_6664, which have now been relinquished.

This Annual Review has been prepared in accordance with Condition D9 of SSD_7065 and the letter addressed to Stolthaven from Department of Planning and Environment (DPE), now the Department of Planning Housing and Infrastructure (DPHI) dated 23 February 2017. The 2025 Annual Review includes the reporting period from 1 January to 31 December 2025.

The site location and approved terminal layout are presented in Figure 1 and Figure 2 respectively in Appendix A. In Figure 2, the indicated blue “expansion area” and red “current area” make up the development consent boundary of SSD_7065.

1.1 Objective

The objective of this Annual Review is to document the environmental performance of the site to the satisfaction of the Director General of DPHI to comply with Condition D9 of SSD_7065 and present results in the 2025 Annual Review.

1.2 Scope of works

The scope of work comprised:

– An overview of the site.
– A description of the operations undertaken throughout 2025 which represents the reporting period.
– Analysis of the environmental monitoring results for the reporting period with comparison to the relevant performance criteria and historical data.
– Analysis of trends in monitoring data over the life of the site (as reported by AECOM 2025a, 2025b, 2025c and 2025d).
– A summary of recommendations to improve the environmental performance of the site.

1.3 Consultation

A copy of this report was provided to the Port of Newcastle (PON) on 26 February 2026 to review prior to finalisation. Following review of the draft report PON confirmed on 9 March 2026 that they had some minor comments on the draft report. PONs comment have been addressed in this revision.

1.4 Limitations

This report: has been prepared by GHD for Stolthaven Australia Pty Ltd and may only be used and relied on by Stolthaven Australia Pty Ltd for the purpose agreed between GHD and the Stolthaven Australia Pty Ltd as set out in Section 1.1 of this report.

GHD otherwise disclaims responsibility to any person other than Stolthaven Australia Pty Ltd arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report (refer Section 11.5 of this report). GHD disclaims liability arising from any of the assumptions being incorrect.

GHD has prepared this report on the basis of information provided by Stolthaven Australia Pty Ltd and others who provided information to GHD (including Government authorities), which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.

GHD has not been involved in the preparation of the AECOM monitoring reports and has had no contribution to, or review of the AECOM monitoring reports. GHD shall not be liable to any person for any error in, omission from, or false or misleading statement in, any other part of the AECOM monitoring reports.

2. Site description

The site is located on part of the former BHP Steelworks Site, within the Port of Newcastle. The site and surrounding area are characterised by a mixture of commercial/industrial uses, residential uses and port related activities.

2.1 Site identification

The site identification details are summarised in Table 2.1.

Table 2.1 Site identification details

Item	Description
Site Name	Stolthaven bulk fuel storage facility
Street Address	BHP Steelworks site - Steel Works Road and Iron Ore Road
Certificate of Title Details (Vol/Folio) and Parcel/Lot Number	Lot 2, DP 1177466 (operational area) Lots 36, 37 and 38, DP 1191723 (expansion area)
Owner	Port of Newcastle Lessor Ministerial Holding Corporation
Property Occupier	Stolthaven Australia Pty Ltd
Current Use	Bulk fuel storage facility
Site Zoning	SP1 – Special Activities

2.2 Surrounding land use and zoning

The surrounding land uses are summarised below in Table 2.2.

Table 2.2 Description of surrounding land use and respective zonings

Orientation	Description of Surrounding Land Use	Zoning (T&I SEPP 2021)
North	Mayfield Berth No. 7, the Hunter River (South Arm) NCIG and Port Waratah Coal Services Coal Loaders	SP1 (Special Activities)
South	Industrial land (including land that has been remediated as part of the BHP Steelworks remediation) followed by the South Channel Hunter River and Kooragang Island beyond	SP1 (Special Activities)
East	Former BHP Steelworks Site, currently remediated vacant land and Koppers Australia pipeline and pumping station	SP1 (Special Activities)
West	Iron Ore Road followed by industrial properties (One Steel operations)	SP1 (Special Activities)

2.3 Site layout

The approved terminal layout as presented in Figure 2, Appendix A consists of the following:

– Ship unloading facilities at the Mayfield Berth 7 (M7) wharf facility (not subject to SSD_7065 but operated by Stolthaven).
– A delivery pipeline from M4 (removed 2019) and M7 to the terminal.
– Nine storage tanks from 535 m^3 to 18,003 m^3.
– A four bay automated truck loading and unloading facility.
– Pumping capacity for bulk tanker (truck loading).
– Appropriate drainage and spill containment systems.
– Fire protection systems.

2.4 Identified aboveground storage tanks

The site plan indicates nine storage tanks predominantly located in the eastern portion of the site, adjacent to the truck loading gantry. Tank details are provided in Table 2.3.

Table 2.3 Tank details

Tank ID No	Product	Tank Diameter (m)	Shell Height (m)	Capacity (m^3)
NN1	Diesel	36.6	17.1	17,703
NN2	Diesel	36.6	17.1	17,695
NN3	Diesel	36.6	17.1	17,691
NN4	Biodiesel	7.6	12.0	535
NN5	Diesel	36.6	17.1	17,584
NN6	Diesel	36.6	17.1	17,611
NN7	Biodiesel	18.0	17.0	4,242
NN8	Diesel	36.6	17.1	17,998
NN9	Diesel	36.6	17.1	18,003

2.5 Site history

The site is located part of the former BHP Steelworks site. A summary of the site history has been summarised by in Table 2.4 and is consistent with the site history summarised in the 2024 Annual Review.

Table 2.4 Site history

Date	Ownership/operation
1915 – 1999	BHP Steelworks.
1999	Closure of the steelworks operations. The site area was referred to as the Closure Area.
14 June 2001	The Environment Protection Authority (EPA) declared the Closure Area Site to be a remediation site under former Section 21 of the *Contaminated Land Management Act 1997* (CLM Act).
2002	Ownership transferred to the State Government.
30 August 2005	EPA issued a Voluntary Remediation Agreement (VRA No 26025) for the remediation of the site.
2007	The State Government created the Hunter and Central Coast Development Corporation (HCCDC) (formerly the Regional Land Management Corporation Pty Ltd) to manage the daily operations of the site. HCCDC have committed to undertake the requirements of the VRA.
March 2008	A Contaminated Site Management Plan (CSMP) for the Closure Area Site was prepared by HCCDC.
Mid 2008	HCCDC completed Stage 1 of the remediation works.
2012	State government handed over ownership to Port of Newcastle (PON). A concept plan application for the future strategic development of the former BHP Steelworks Site was approved by the Minister for Planning in July 2012. The Concept Plan approval made provision for the future development of part of the former BHP site for bulk liquid related industries.
June 2012	Stolthaven received initial approval for the site and became the first operation active on the former BHP Steelworks Site. Currently there is one other operation currently active on the former BHP Steelworks Site, being the Cargo Storage Facility (DA 8137). PON also operates Mayfield No.4 berth (M4) under DA293-08-00 within the Concept Plan area, which is a general purposes berth used by Stolthaven for the import of fuels until October 2018, when Mayfield 7 berth was commissioned.
2013	Stage 2 of the remediation works were completed.

2.6 Operations and approval

The site operated in accordance with SSD_6664 (issued on 16 April 2015 under Part 4 of the EP&A Act) until 8 May 2020 when it was surrendered. The site and Mayfield No. 7 Berth pipeline (but not the berth itself) now operate in accordance with SSD_7065.

The site was originally approved under Project Approval MP 08_0130, issued on 8 June 2012 under the former Part 3A (repealed) of the EP&A Act. Site operations are described in Table 2.5.

Table 2.5 Approvals

Approvals	Section	Expiry Date
Original Project Approval MP08_0130	Section 2.6.1	NA
Development Consent SSD_6664	Section 2.6.2	SSD_6664 was surrendered on 8 May 2020 as per letter from DPHI in Appendix B.
Current Development Consent SSD_7065	Section 2.6.3	As per Condition B5 of the SSD_7065, this consent lapses five years from the date of approval (i.e. 15 December 2021)[1].
Environmental Protection Licence (EPL) 20193	Section 2.6.4	NA
Concept Plan MP09_0096	Section 2.6.5	NA

[1]Letter "Approval of Progressive Submission of Environmental Management Strategy and stage 1 Environmental Management Strategy signed on 24/10/18 from delegate of the Planning Secretary which has been provided to GHD by Stolthaven to demonstrate that the consent has been activated.

2.6.1 Original Project Approval MP08_0130

The original Project Approval MP08_0130 was approved by the Minister for Planning on 8 June 2012 under Part 3A (repealed) of the EP&A Act and was subsequently modified three times. The project approval was surrendered on 3 December 2015. The original project comprised the following elements:

– Use of an existing ship berthing facility via M4 to deliver fuels from bulk tankers. Fuel to be pumped along a 300 mm diameter steel pipeline from M4 to the site.
– Storage of bulk fuels in above ground tanks (3 x 18 ML diesel and 0.5 ML biodiesel) with a total permitted annual throughput of 300 ML combined.
– Distribution of fuels by road tankers.
– Ancillary components including site office, car parking and truck loading gantry.

Construction of the site as approved under the original Project Approval was completed in late 2013, with the first shipment of fuels commencing 19 November 2013.

Subsequent modification to the original Project Approval included the following:

– MOD 1 (Approved 26 July 2013) – Two additional 18 ML diesel tanks, one additional 4.2 ML biodiesel tank and an additional 100 ML pa throughput.
– MOD 2 (Approved 15 November 2013) – Paper modification to the wording of Condition 6 to remove reference to the Department of Health. i.e. no changes to the composition of the approved facility.
– MOD 3 (Approved 10 July 2014) – Increase throughput from 400 ML pa to a total of 500 ML pa. No additional tanks or infrastructure.

2.6.2 Development consent SSD_6664

Stolthaven operated under SSD development consent 6664 (SSD_6664) which was issued under Part 4 of the EP&A Act following a request for increase to the throughput of the facility and to construct two additional storage tanks. The SSD_6664 consent transferred the site from the MP08_0130 Part 3A approval to an SSD approval. One of the conditions of SSD_6664 included the requirement to surrender Project Approval MP08_0130. The SSD_6664 consent permitted the facility's capacity to be increased through an additional:

– Two 18 ML diesel storage tanks.
– Throughput to total 1,010 ML pa.

Following the approval of SSD_6664, a modification to SSD_6664 was approved to increase the annual throughput from 1,010 ML to 1,300 ML per year. SSD_6664 Modification 1 did not require an increase in storage capacity at the site nor did it require construction of additional fuel storage tanks or associated infrastructure. This modification was approved on 28 September 2015. SSD_6664 was surrendered on 8 May 2020 as per the letter from DPHI in Appendix B.

2.6.3 Development consent SSD_7065 (current approval)

Development consent SSD_7065 was issued on 15 December 2016 to expand the existing operations under SSD_6664.

Stolthaven applied to expand its existing fuel storage at Mayfield. This expansion involved:

– Increasing the throughput of the facility from 1,300 ML to 3,500 ML per year.
– Importing flammable fuels (petroleum, ethanol and jet fuel), in addition to combustibles (diesel and biodiesel) already imported.
– 17 new fuel storage tanks and bunds, in addition to the 10 existing tanks.
– A marine loading arm, pumps and dual pipeline to transfer fuels to the terminal from ships docking at the new Mayfield No.7 berth.
– A new six bay truck loading gantry, vapour control system, office and firefighting systems.

DPHI approved the application on 15 December 2016, which allows for an increase in throughput of 3,500 ML per year and the ability to store flammable liquids. SSD_7065 was partly triggered during the 2018 reporting period for the construction and operation of the new combustible pipeline following the completion of the Mayfield No. 7 Berth construction. The total allowable throughput of the facility is 1,800 ML. Further detail is provided in Section 3.2.2.

Accordingly, the site EPL 20193 was amended in September 2018 to support the change in development consent and is discussed further below in Section 2.6.4.

Correspondence from DPHI regarding a progressive submission of the Stage 1 Construction Environmental Management Plan (CEMP) and Stage 1 Pre-Construction Hazard Studies (PCHS) for the works involved with SSD_7065 is provided in Appendix B. It is noted that approval was received from DPHI for the CEMP and PCHS for Construction Stage 1 only.

2.6.4 Environmental Protection Licence

The site operates under EPL 20193, which is administered by the NSW EPA under the *Protection of the Environment Operations Act 1997* (POEO Act). A previous variation to EPL 20193 was approved on 2 October 2015 to incorporate the modifications made under SSD_6664 Modification 1.

Up until mid-2018, EPL 20193 permitted the scheduled activities of Chemical Storage, Shipping in Bulk and Extractive Activities on the site. The Extractive Activities approved under EPL 20193 related to the dredging operations being undertaken for construction of the Mayfield Berth No. 7, which is complying development.

Previously, the EPL 20193 was amended on 27 August 2021 (Variation notice number 1611736). This variation included the following changes to conditions:

– A1.4 (previous) - Removed -The condition reference throughput limits which no longer apply as the Premises adheres to load limits set in the Licence.
– A1.5 (previous) - Varied - The condition number has been changed to A1.4 and NOTE: now refers to (A1.3 and A1.4) due to the removal of the previous P1.4 as discussed above.
– E1.1 (previous) - Varied - Removed VRU requirement Part (a) which was triggered by the 1300 ML throughput limit for condition A1.4 which no longer applies.

The most recent amendment to EPL 20193 (Variation notice number 1635217) is as follows:

– Annual throughput was increased during the 2023 reporting period from 1,300 ML to 1,800 ML.
– The variation was approved on 9 January 2024, which is within the reporting period. The variation is attached in Appendix B with other DPHI correspondence.

2.6.5 Other relevant approvals

Mayfield concept plan approval

Concept Plan (MP09_0096) was approved by the Minister under Section 75M of the EP&A Act on 16 July 2012 to enable development of the former BHP Steelworks site (known as the Closure Area or Concept Plan area), a 90 hectare portside portion of land on the South Arm of the Hunter River within which the site sits. The approval under which the site now operates (SSD_7065) demonstrated that it was consistent with the Concept Plan approval in order for the Minister to approve SSD_7065.

Mayfield Berth No. 4 DA-293-08-00

Development Consent DA-293-08-00 MOD 9, dated 29 August 2013, is applicable to the M4 berth, and ships loading or unloading at this berth must comply with relevant conditions of this consent.

It is noted that, as of the previous variation approval on 31 January 2020, any associated infrastructure at Mayfield No. 4 Berth is no longer in control or operation of Stolthaven. In addition, the pipeline that previously connected the terminal to M4 has since been decommissioned and removed and all fuel imports now occur through M7 as described below.

Mayfield Berth No. 7 – Complying development certificate

Stolthaven constructed a dedicated bulk liquids berth to service both the site and other bulk liquid operators in mid-2018. Under the provisions of *State Environmental Planning Policy (Transport and Infrastructure) 2021* (T&I SEPP) the construction of the berth is complying development. A complying development certificate was obtained from Newcastle City Council. The berth became operational during the 2018 reporting period and began accepting fuels in late October 2018.

3. Site operations

3.1 Description of operations

Operations undertaken at the site include the receipt, storage and dispatch of bulk diesel and biodiesel, as well as bulk tanker loading at Mayfield No. 7 Berth (M7). The site operates 24 hours a day, seven days a week. The site is partially automated and manned with Stolthaven personnel undertaking daily inspections on business days. Primary operations include:

– The bulk storage of diesel and biodiesel at the site in the storage tanks listed in Table 2.3.
– The bulk transfer of diesel fuel or bio-diesel fuel (as required) from berthed ships to the sites above ground storage tanks.
– The filling of road tankers with diesel and biodiesel products for transfer to customers.

3.2 Operational changes in 2025

3.2.1 Independent Environmental Audit

The Independent Environmental Audit (IEA) was undertaken in March 2025 by third party auditor Ramboll. An update to any remaining actions and recommendations is provided in Section 11.4. The next IEA is due in February 2028.

3.2.2 EPL variation

As Stolthaven was estimating early in the calendar year 2023 that they might exceed the annual throughput limits of 1,300 ML contained in EPL 20193, consultation was undertaken with both DPHI and EPA to confirm any approval or EPL modification/variation requirements. Stolthaven identified it may require up to 1,800 ML per year throughput to meet customer demand. The consultation included:

– DPHI:
  - Initial meeting on 7 March 2023 with DPHI (Joanna Bakopanos and Doris Yau) to describe the proposed throughout increase and discuss potential approval requirements.
  - Submission of a formal request, dated 5 May 2023, to DPHI to confirm Stolthaven's position that the proposed throughput increase can occur under the existing development consent without need for a modification. This submission included additional air quality modelling to confirm emissions from the site would remain within the EPA's required limits whilst operating at the proposed higher throughput.
  - Response from DPHI by email dated 18 May 2023 confirming that no modification to the development consent was required to increase throughput to 1,800 ML per year.
– EPA:
  - Initial meeting on 7 July 2023 with the EPA (Peter Jamieson and Nicholas Woodard) to describe the proposed throughout increase and discuss potential EPL variation requirements.
  - Subsequent application for a variation to amend Condition E1.5 to change throughput limit from 1,300 ML to 1,800 ML per year.
  - Confirmation by email from the EPA on 9 January 2024 that the licence variation has been made and that the EPL now allows throughout of 1,800 ML per year.

The variation was approved and issued on 9 January 2024, which falls within the reporting period, and affected the approved throughput for the reporting period and has therefore been appended below in Appendix B.

3.2.3 Other operational changes

The following operational changes or activities are noted as occurring during the reporting period:

– Tanks NN8 was taken out of service for routine maintenance 10 year off stream inspection. The tank was cleaned and inspected including thickness testing to API 653 standards.
– The site completed the transition to fluorine free fire fighting foam stock. The previous fire fighting foam containing Per- and polyfluoroalkyl substances (PFAS) has been removed from site and disposed of by an approved waste contractor.
– Site auditor inspected the site on 6 November 2025 in accordance with the annual inspection for the Mayfield Concept Plan. No issues were noted.

3.3. Site management plans and strategies

The site operates under an existing set of management plans and in accordance with the SSD_7065 consent and the site Operational Environmental Management Plan.

4. Groundwater

Groundwater quality at the site is monitored in accordance with a groundwater monitoring program (GMP) (AECOM 2025a-d) and the conditions of EPL 20193.

The details of the groundwater wells and scheduled monitoring events are presented in Table 4.1. Groundwater wells MW05 to MW09 were installed in the Expansion Area in 2017. Temporary groundwater wells MW08A and MW08B were installed in 2018 following recorded exceedances of the criteria in MW08.

Table 4.1 Groundwater monitoring points at the site

EPA Identification Number	Monitoring Well Reference (AECOM 2019)	Installation date	Sampling frequency
1	MW01	October 2013	Quarterly
2	MW02	October 2013	Quarterly
3	MW03	October 2013	Quarterly
4	MW04	October 2013	Quarterly
16	MW05	July 2017	Quarterly
17	MW06	July 2017	Quarterly
18	MW07	July 2017	Quarterly
19	MW08	July 2017	Quarterly
n/a	MW08A	2018	Temporary
n/a	MW08B	2018	Temporary
20	MW09	July 2017	Quarterly

Background monitoring was conducted prior to commencement of operations in 2013 to assess the condition of groundwater entering and leaving the site (particularly for the presence of petroleum hydrocarbons) in order to establish baseline groundwater quality within the site. Background monitoring was conducted in the Approved Expansion Area during the fourth quarter of 2017 to provide groundwater conditions at the site prior to operations within this area. Background concentration ranges are presented in the summary tables in Section 4.2.

Groundwater monitoring well locations are shown on Figure 4.1.

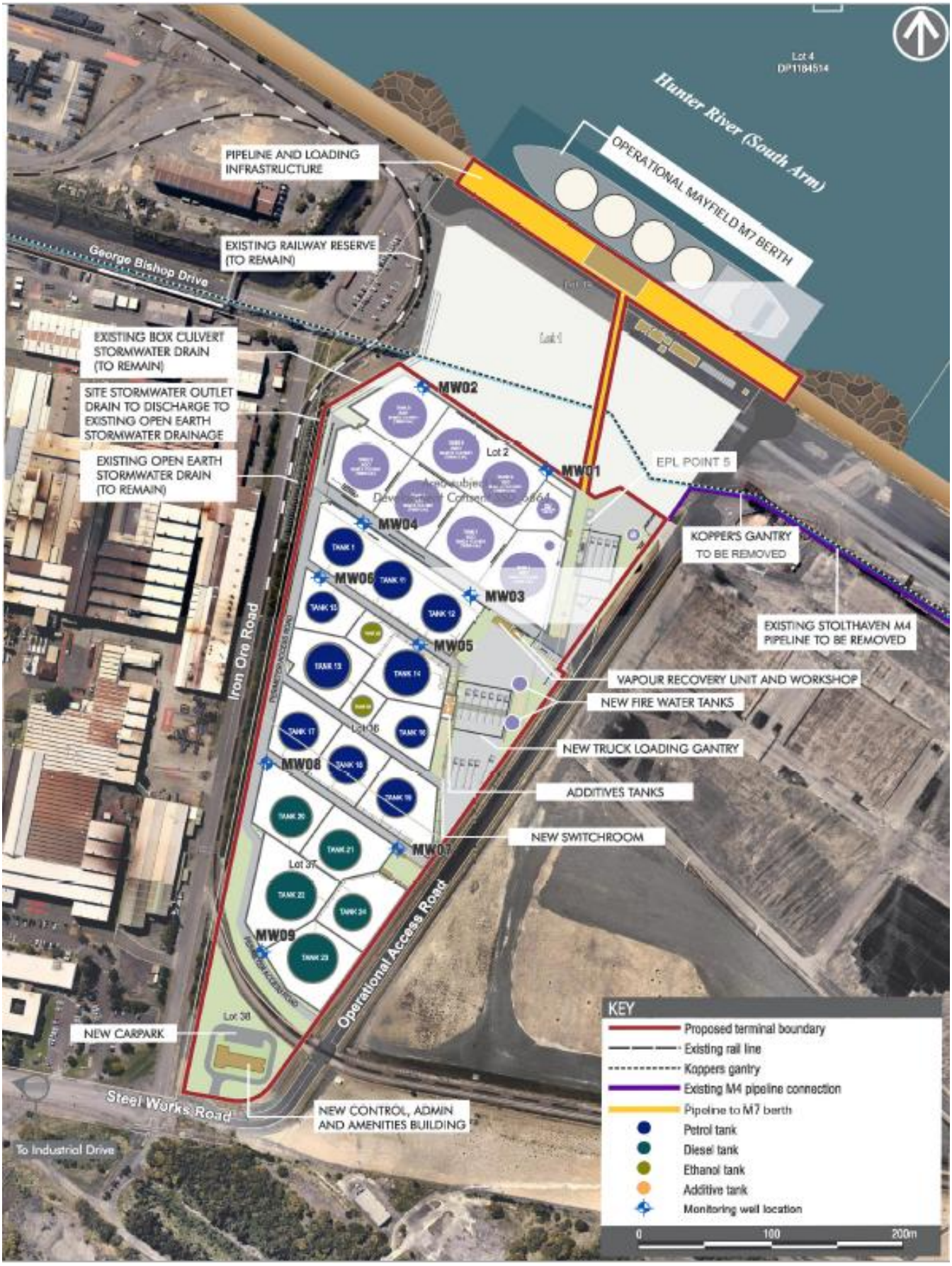


Figure 4.1 Groundwater monitoring well locations

4.1 Assessment criteria

AECOM assessed groundwater against the site Groundwater Assessment Criteria (GAC) as part of the GMP, and the background concentrations established in 2013. The thresholds that form the GAC are sourced from the ANZG (2018) *Australia New Zealand Water Quality Guidelines for Fresh and Marine Waters,* 95% Species Protection for Marine Waters Criterion. Where trigger values have not been published, ANZECC (2000) low reliability trigger values were adopted.

There are no groundwater quality requirements under the site's EPL. The GAC is set out in Table 4.2.

Table 4.2 Groundwater assessment criteria

Compound	Unit	ANZG (2018) 95% Trigger Values	ANZG (2018) 99% Trigger Values
BTEXN			
Benzene	(µg/L)	-	600
Ethylbenzene	(µg/L)	80	-
Toluene	(µg/L)	180	-
o-xylene	(µg/L)	350	-
p-xylene	(µg/L)	200	-
m-xylene	(µg/L)	75	-
Total Xylene	(µg/L)	-	-
Total Recoverable Hydrocarbons			
C6-C10 Fraction	(µg/L)	-	-
C6-C10 - BTEX	(µg/L)	-	-
>C10-C16 Fraction	(µg/L)	-	-
>C16-C34 Fraction	(µg/L)	-	-
>C34-C40 Fraction	(µg/L)	-	-

Samples are analysed for contaminants of concern (CoC) by a NATA accredited laboratory. Indicators of groundwater contamination or adverse quality impact include (but are not limited to) the following:

– Evidence of non-aqueous phase liquid (NAPL) (e.g. a separate hydrocarbon layer).
– Changes in clarity, colour and odour of groundwater.
– Increases in concentrations of dissolved hydrocarbons.

4.2 Results

Groundwater results for the 2025 monitoring period are presented in Table 4.3 to Table 4.11.

Table 4.3 Groundwater monitoring results - MW01

Analyte	Background range	GAC	Laboratory limit of reporting	Q1 2025	Q2 2025	Q3 2025	Q4 2025
pH	9.05 – 9.79	-	0.01	9.17	8.96	8.64	8.83
BTEX (µg/L)							
Benzene	<1	600	1	<1	<1	<1	<1
Ethylbenzene	<2	80	2	<2	<2	<2	<2
Toluene	<2	180	2	<2	<2	<2	<2
Xylene (o)	<2	350	2	<2	<2	<2	<2
Xylene (m & p)[1]	<2	75	2	<2	<2	<2	<2
Total Recoverable Hydrocarbons (µg/L)							
C6-C10 Fraction	<20	-	20	<20	<20	<20	<20
C6-C10 minus BTEX	<20	-	20	<20	<20	<20	<20
>C10-C16 Fraction	<100	-	100	<100	<100	<100	<100
>C10-C16 Fraction minus naphthalene	<100	-	100	<100	<100	<100	<100
>C16-C34 Fraction	<100	-	100	<100	<100	<100	<100
>C34-C40 Fraction	<100	-	100	<100	<100	<100	<100

[1] Lesser value of m-xylene adopted as GAC

Table 4.4 Groundwater monitoring results - MW02

Analyte	Background range	GAC	Laboratory limit of reporting	Q1 2025	Q2 2025	Q3 2025	Q4 2025
pH	8.06 – 8.68	-	0.01	7.68	7.82	7.82	7.96
BTEX (µg/L)							
Benzene	<1 to 5	600	1	<1	<1	<1	<1
Ethylbenzene	<2	80	2	<2	<2	<2	<2
Toluene	<2	180	2	<2	<2	<2	<2
Xylene (o)	<2	350	2	<2	<2	<2	<2
Xylene (m & p)[1]	<2	75	2	<2	<2	<2	<2
Total Recoverable Hydrocarbons (µg/L)							
C6-C10 Fraction	<20	-	20	<20	<20	<20	<20
C6-C10 minus BTEX	<20	-	20	<20	<20	<20	<20
>C10-C16 Fraction	<100	-	100	<100	<100	<100	<100
>C10-C16 Fraction minus naphthalene	<100	-	100	<100	<100	<100	<100
>C16-C34 Fraction	<100 to 380	-	100	<100	<100	<100	<100
>C34-C40 Fraction	<100	-	100	<100	<100	<100	<100

[1] Lesser value of m-xylene adopted as GAC

Table 4.5 Groundwater monitoring results – MW03

Analyte	Background range	GAC	Laboratory limit of reporting	Q1 2025	Q2 2025	Q3 2025	Q4 2025
pH	7.00 – 7.35	-	0.01	7.72	7.96	8.15	7.74
BTEX (µg/L)							
Benzene	<1	600	1	<1	<1	<1	<1
Ethylbenzene	<2	80	2	<2	<2	<2	<2
Toluene	<2	180	2	<2	<2	<2	<2
Xylene (o)	<2	350	2	<2	<2	<2	<2
Xylene (m & p)[1]	<2	75	2	<2	<2	<2	<2
Total Recoverable Hydrocarbons (µg/L)							
C6-C10 Fraction	<20	-	20	<20	<20	<20	<20
C6-C10 minus BTEX	<20	-	20	<20	<20	<20	<20
>C10-C16 Fraction	<100	-	100	310	310	310	<100
>C10-C16 Fraction minus naphthalene	<100	-	100	310	310	310	<100
>C16-C34 Fraction	<100 to 180	-	100	<100	<100	<100	<100
>C34-C40 Fraction	<100	-	100	<100	<100	<100	<100

[1] Lesser value of m-xylene adopted as GAC

Table 4.6 Groundwater monitoring results – MW04

Analyte	Background range	GAC	Laboratory limit of reporting	Q1 2025	Q2 2025	Q3 2025	Q4 2025
pH	9.21 - 9.61	-	0.01	7.88	7.59	7.79	8.03
BTEX (µg/L)							
Benzene	<1	600	1	<1	<1	<1	<1
Ethylbenzene	<2	80	2	<2	<2	<2	<2
Toluene	<2	180	2	<2	<2	<2	<2
Xylene (o)	<2	350	2	<2	<2	<2	<2
Xylene (m & p)[1]	<2	75	2	<2	<2	<2	<2
Total Recoverable Hydrocarbons (µg/L)							
C6-C10 Fraction	<20	-	20	<20	<20	<20	<20
C6-C10 minus BTEX	<20	-	20	<20	<20	<20	<20
>C10-C16 Fraction	<100	-	100	<100	<100	<100	<100
>C10-C16 Fraction minus naphthalene	<100	-	100	<100	<100	<100	<100
>C16-C34 Fraction	<100	-	100	<100	<100	<100	<100
>C34-C40 Fraction	<100	-	100	<100	<100	<100	<100

[1] Lesser value of m-xylene adopted as GAC

Table 4.7 Groundwater monitoring results – MW05

Analyte	Background range	GAC	Laboratory limit of reporting	Q1 2025	Q2 2025	Q3 2025	Q4 2025
pH	8.51 – 8.97	-	0.01	8.26	8.41	8.28	7.98
BTEX (µg/L)							
Benzene	<1	600	1	<1	<1	<1	<1
Ethylbenzene	<2	80	2	<2	<2	<2	<2
Toluene	<2	180	2	<2	<2	<2	<2
Xylene (o)	<2	350	2	<2	<2	<2	<2
Xylene (m & p)[1]	<2	75	2	<2	<2	<2	<2
Total Recoverable Hydrocarbons (µg/L)							
C6-C10 Fraction	<20	-	20	<20	<20	<20	<20
C6-C10 minus BTEX	<20	-	20	<20	<20	<20	<20
>C10-C16 Fraction	<100	-	100	<100	<100	<100	<100
>C10-C16 Fraction minus naphthalene	<100	-	100	<100	<100	<100	<100
>C16-C34 Fraction	<100	-	100	<100	<100	<100	<100
>C34-C40 Fraction	<100	-	100	<100	<100	<100	<100

[1] Lesser value of m-xylene adopted as GAC

Table 4.8 Groundwater monitoring results - MW06

Analyte	Background range	GAC	Laboratory limit of reporting	Q1 2025	Q2 2025	Q3 2025	Q4 2025
pH	8.93 – 10.00	-	0.01	7.44	7.28	7.74	8.84
BTEX (µg/L)							
Benzene	<1	600	1	<1	<1	<1	<1
Ethylbenzene	<2	80	2	<2	<2	<2	<2
Toluene	<2	180	2	<2	<2	<2	<2
Xylene (o)	<2	350	2	<2	<2	<2	<2
Xylene (m & p)[1]	<2	75	2	<2	<2	<2	<2
Total Recoverable Hydrocarbons (µg/L)							
C6-C10 Fraction	<20	-	20	<20	<20	<20	<20
C6-C10 minus BTEX	<20	-	20	<20	<20	<20	<20
>C10-C16 Fraction	<100	-	100	<100	<100	<100	<100
>C10-C16 Fraction minus naphthalene	<100	-	100	<100	<100	<100	<100
>C16-C34 Fraction	<100	-	100	<100	<100	<100	<100
>C34-C40 Fraction	<100	-	100	<100	<100	<100	<100

[1] Lesser value of m-xylene adopted as GAC

Table 4.9 Groundwater monitoring results – MW07

Analyte	Background range	GAC	Laboratory limit of reporting	Q1 2025	Q2 2025	Q3 2025	Q4 2025
pH	8.86 – 9.15	-	0.01	8.58	8.25	8.27	8.53
BTEX (µg/L)							
Benzene	<1	600	1	<1	<1	<1	<1
Ethylbenzene	<2	80	2	<2	<2	<2	<2
Toluene	<2 to 6	180	2	<2	<2	<2	<2
Xylene (o)	<2	350	2	<2	<2	<2	<2
Xylene (m & p)[1]	<2	75	2	<2	<2	<2	<2
Total Recoverable Hydrocarbons (µg/L)							
C6-C10 Fraction	<20	-	20	<20	<20	<20	<20
C6-C10 minus BTEX	<20	-	20	<20	<20	<20	<20
>C10-C16 Fraction	<100	-	100	<100	<100	<100	<100
>C10-C16 Fraction minus naphthalene	<7	-	100	<100	<100	<100	<100
>C16-C34 Fraction	<100	-	100	<100	<100	<100	<100
>C34-C40 Fraction	<100	-	100	<100	<100	<100	<100

[1] Lesser value of m-xylene adopted as GAC

Table 4.10 Groundwater monitoring results – MW08

Analyte	Background range	GAC	Laboratory limit of reporting	Q1 2025	Q2 2025	*Q3 2025	*Q4 2025
pH	6.97 – 7.05	-	0.01	6.98	7.57	-	-
BTEX (µg/L)							
Benzene	6680 to 16800	600	1	**10,800**	**2,840**	-	-
Ethylbenzene	<50 to 14	80	2	<50	<20	-	-
Toluene	248 to 725	180	2	**500**	**246**	-	-
Xylene (o)	<50 to 50	350	2	75	40	-	-
Xylene (m & p)[1]	<50	75	2	**178**	**106**	-	-
Total Recoverable Hydrocarbons (µg/L)							
C6-C10 Fraction	7,840 to 18,200	-	20	12,600	4,000	-	-
C6-C10 minus BTEX	<1000 to 1360	-	20	1,050	770	-	-
>C10-C16 Fraction	5,240 to 20,400	-	100	9,870	2,860	-	-
>C10-C16 Fraction minus naphthalene	660 to 12,000	-	100	4,710	<100	-	-
>C16-C34 Fraction	1,890 to 6,880	-	100	4,540	2,530	-	-
>C34-C40 Fraction	<100	-	100	320	<100	-	-

[1] Lesser value of m-xylene adopted as GAC

BOLD denotes exceedance of GAC.

* Groundwater well MW08 was unable to be sampled due to the viscosity at the base of the well. Dense non-aqueous phase liquid (DNAPL) prevented the pump to retrieve water.

Table 4.11 Groundwater monitoring results – MW09

Analyte	Background range	GAC	Laboratory limit of reporting	Q1 2025	Q2 2025	Q3 2025	Q4 2025
pH	7.86 – 7.95	-	0.01	7.43	7.13	7.28	7.43
BTEX (µg/L)							
Benzene	6 to 8	600	1	<1	<1	<1	<1
Ethylbenzene	<2	80	2	<2	<2	<2	<2
Toluene	<2	180	2	<2	<2	<2	<2
Xylene (o)	<2	350	2	<2	<2	<2	<2
Xylene (m & p)[1]	<50 to <2	75	2	<2	<2	<2	<2
Total Recoverable Hydrocarbons (µg/L)							
C6-C10 Fraction	<20	-	20	<20	<20	<20	<20
C6-C10 minus BTEX	<20	-	20	<20	<20	<20	<20
>C10-C16 Fraction	<100	-	100	<100	<100	<100	<100
>C10-C16 Fraction minus naphthalene	<100	-	100	<100	<100	<100	<100
>C16-C34 Fraction	<100	-	100	<100	<100	<100	<100
>C34-C40 Fraction	<100	-	100	<100	<100	<100	<100

[1] Lesser value of m-xylene adopted as GAC

4.3 Analysis of results

A statistical trend analysis was undertaken by AECOM for selected analytes at nine monitoring locations (MW01 to MW09) to determine if any statistically significant trends were apparent in the dataset. An upper confidence level of 95% was set in order to determine if any trends identified were statistically significant.

Published guidance states that a minimum of six data points are required to perform statistical trend analysis, with greater sample sizes resulting in greater confidence in any trends that are identified. As of this Annual Review, 48 data points are available for trend analysis for MW01 – MW04, with monitoring having commenced in October 2013 and 34 data points are available for trend analysis for MW05 – MW09 with monitoring having commenced in August 2017.

4.3.1 MW01

Recorded pH levels at MW01 for this reporting period ranged from 8.64 to 9.17 and were slightly below or within background concentrations. Mann Kendall trend analysis reported no trend in pH levels, however the time series graph shows pH has remained relatively stable other than the dip during the May 2024 monitoring round and is largely within background concentrations throughout the monitoring program.

BTEX concentrations remained below the LOR throughout the 2025 monitoring period, consistent with previous concentrations. Statistical analysis reported a stable trend of BTEX concentrations.

TRH concentrations remained below the LOR throughout the 2025 monitoring period, consistent with previous concentrations, exhibiting no significant trends.

The statistical trend analyses for MW01 are presented in Figure 4.2 and Figure 4.3.

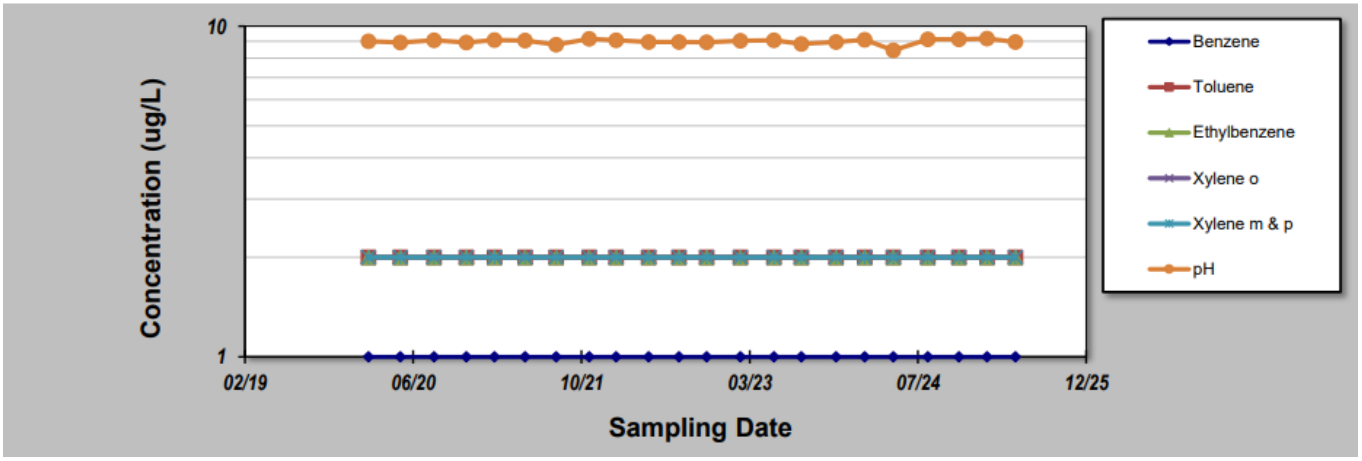


Figure 4.2 Statistical trend analysis of MW01 – BTEX and pH (reference AECOM 2025d)

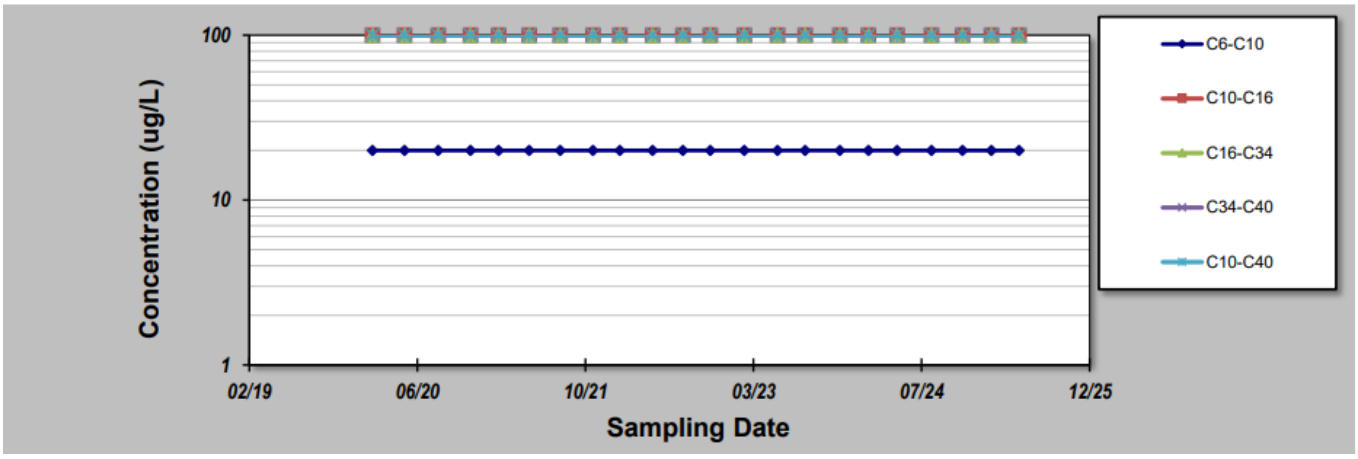


Figure 4.3 Statistical trend analysis of MW01 – TRH (reference AECOM 2025d)

4.3.2 MW02

Recorded pH levels at MW02 for this reporting period ranged from 7.68 to 7.96 and were below background concentrations. Mann Kendall trend analysis reported a statistically significant increasing trend in pH levels, however the time series graph shows pH has remained relatively stable and were below background concentrations throughout the monitoring program.

BTEX concentrations remained below the LOR throughout the 2025 monitoring period, consistent with previous concentrations. BTEX concentrations have been reported below the LOR in all groundwater monitoring rounds with the exception of minor benzene concentrations reported between October 2013 and November 2014. Statistical analysis supports a stable benzene trend.

TRH concentrations remained below the LOR throughout the 2024 monitoring period, consistent with previous concentrations, exhibiting no significant trends. The only TRH detection throughout the monitoring program has been TRH C_{16}-C_{34} concentrations in October 2013. Statistical analysis reported a stable trend for all TRH fractions.

The statistical trend analyses for MW02 are presented in Figure 4.4 and Figure 4.5.

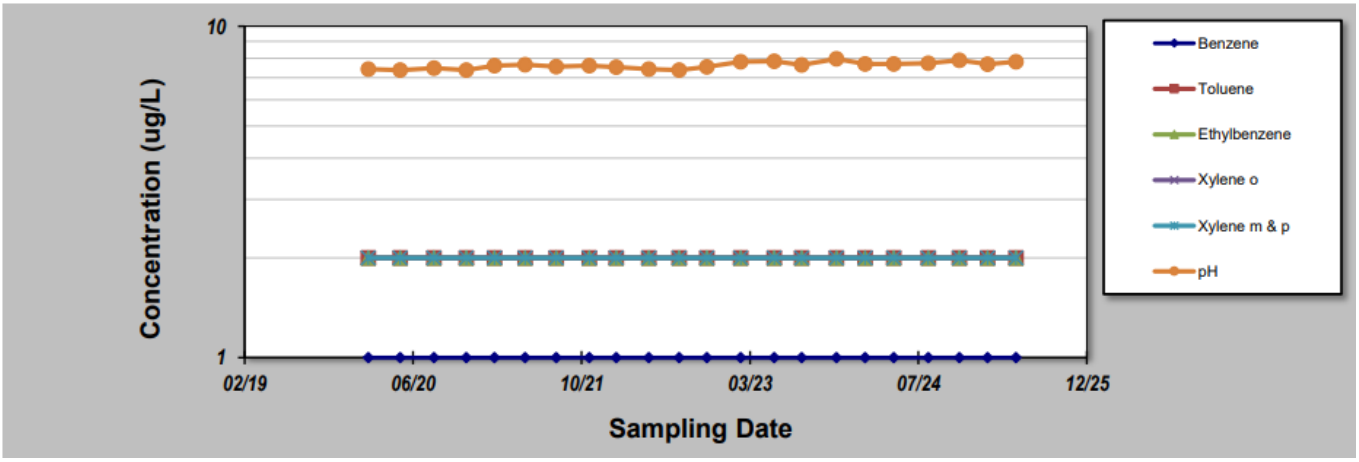


Figure 4.4 Statistical trend analysis of MW02 – BTEX and pH (reference AECOM 2025d)

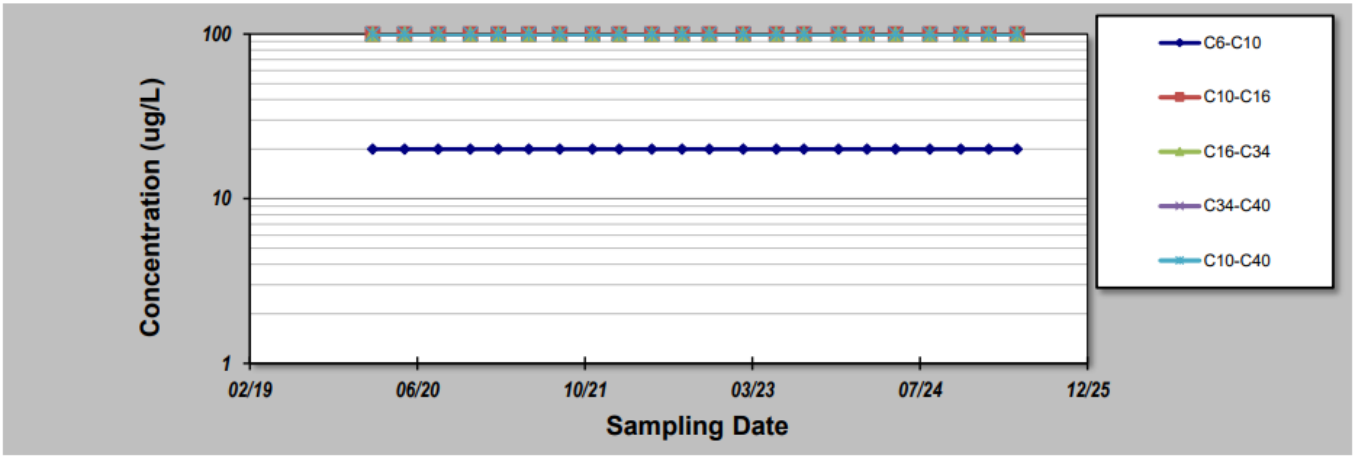


Figure 4.5 Statistical trend analysis of MW02 – TRH (reference AECOM 2025d)

4.3.3 MW03

Recorded pH levels at MW03 for this reporting period ranged from 7.72 to 8.15 and were above background concentrations. Mann Kendall trend analysis reported statistically significant increasing trends in pH levels, however the time series graph shows pH has remained relatively stable and largely within background concentrations throughout the monitoring program.

BTEX concentrations remained below the LOR throughout the 2025 monitoring period, consistent with previous concentrations. Statistical analysis reported a stable trend of BTEX concentrations.

TRH concentrations remained below the LOR throughout the 2025 monitoring period with the exception of >C10-C16 Fraction which recorded 310 µg/L in Q1-Q3. The only other TRH detection throughout the monitoring program has been TRH C_{16}-C_{34} concentrations in October 2013.

The statistical trend analyses for MW03 are presented in Figure 4.6 and Figure 4.7.

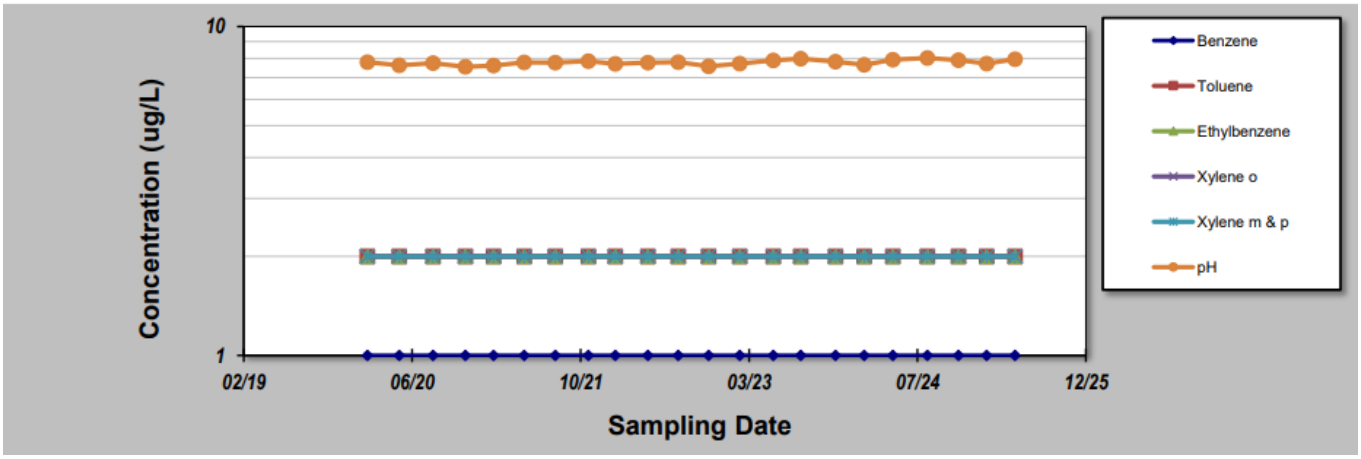


Figure 4.6 Statistical trend analysis of MW03 – BTEX and pH (reference AECOM 2025d)

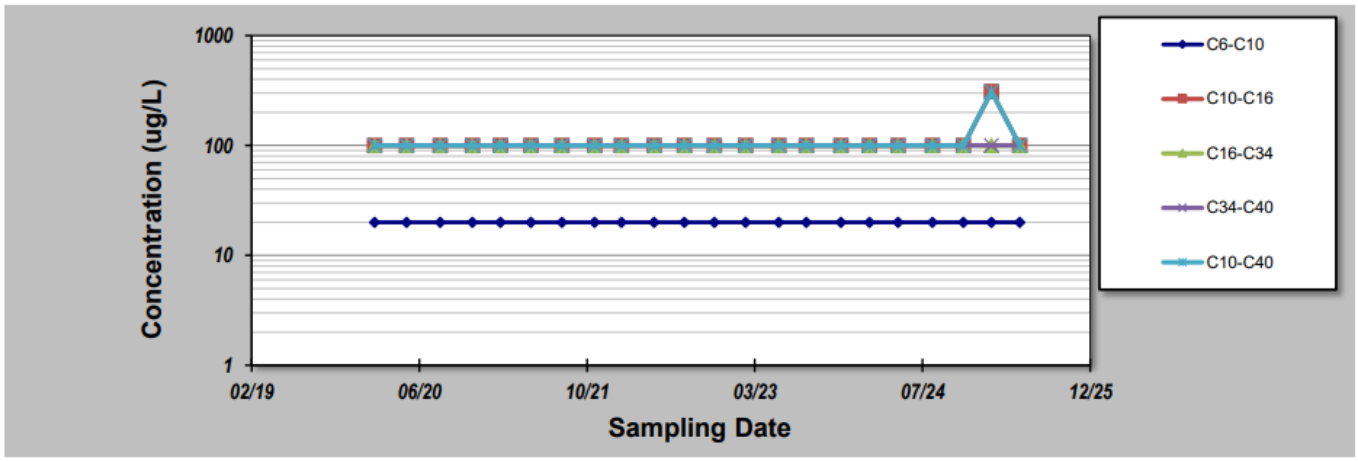


Figure 4.7 Statistical trend analysis of MW03 – TRH (reference AECOM 2025d)

4.3.4 MW04

Recorded pH levels at MW04 for this reporting period ranged from 7.59 to 8.03 and were below the background concentrations. Mann Kendall trend analysis reported no trend in pH levels, however the time series graph shows pH has remained relatively stable and largely within background concentrations throughout the monitoring program.

BTEX concentrations remained below the LOR throughout the 2025 monitoring period, consistent with previous concentrations. Statistical analysis reported a stable trend of BTEX concentrations.

TRH concentrations remained below the LOR throughout the 2025 monitoring period, consistent with previous concentrations, exhibiting no significant trends. Statistical analysis reported a stable trend for all TRH fractions.

The statistical trend analyses for MW04 are presented in Figure 4.8 and Figure 4.9.

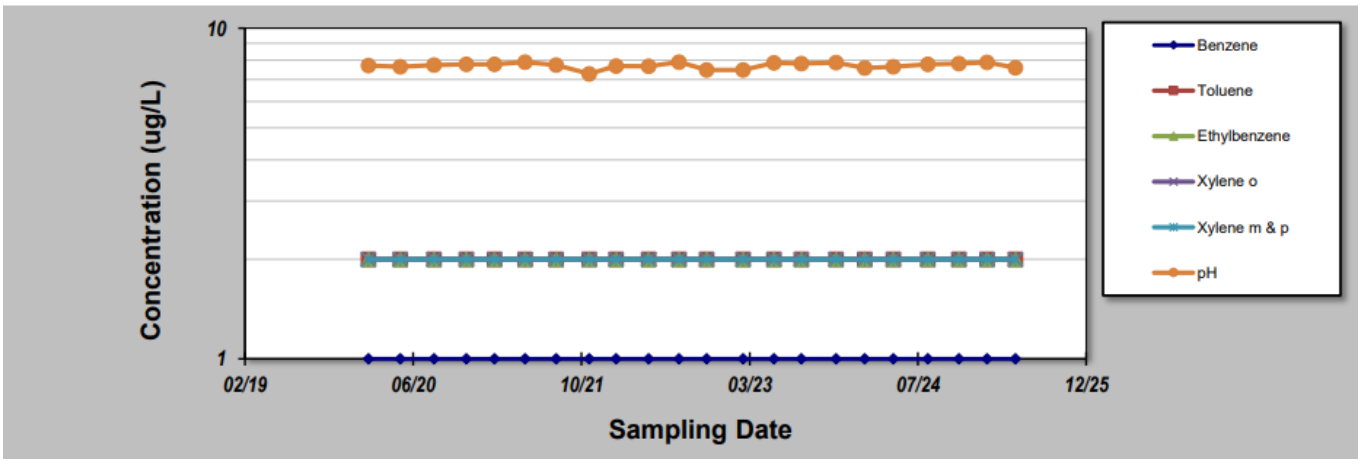


Figure 4.8 Statistical trend analysis of MW04 – BTEX and pH (reference AECOM 2025d)

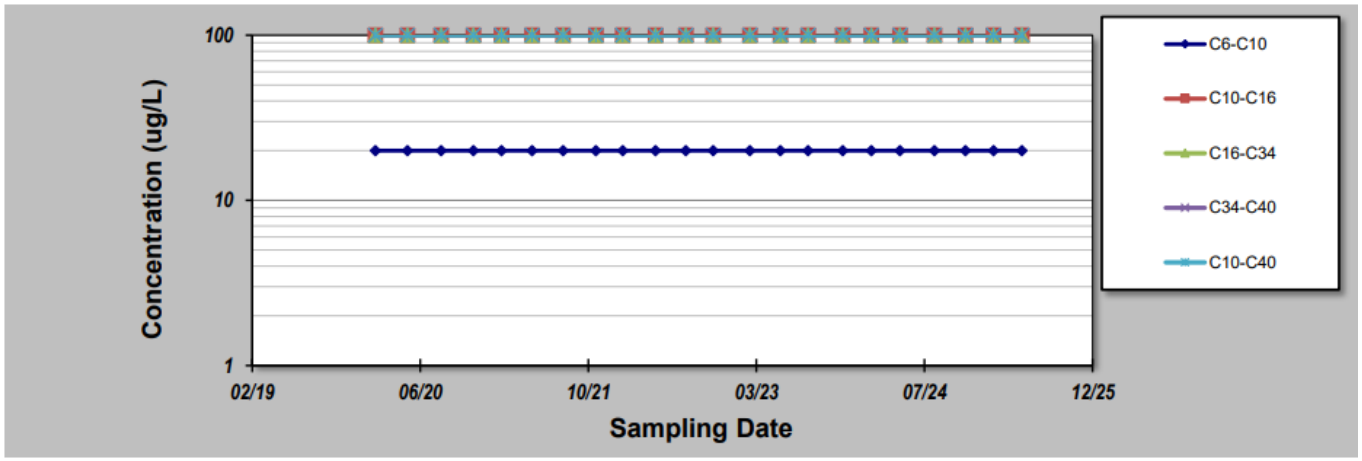


Figure 4.9 Statistical trend analysis of MW04 – TRH (reference AECOM 2025d)

4.3.5 MW05

Recorded pH levels at MW05 for this reporting period ranged from 7.98 to 8.41 and were above and within the previously detected range for this location. Mann Kendall trend analysis reported a decreasing trend for pH levels.

BTEX concentrations remained below the LOR throughout the 2025 monitoring period, consistent with previous concentrations. Statistical analysis reported a stable trend of BTEX concentrations.

TRH concentrations remained below the LOR throughout the 2025 monitoring period, consistent with all previous concentrations. Statistical analysis reported a stable trend for all TRH fractions.

The statistical trend analyses for MW05 are presented in Figure 4.10 and Figure 4.11.

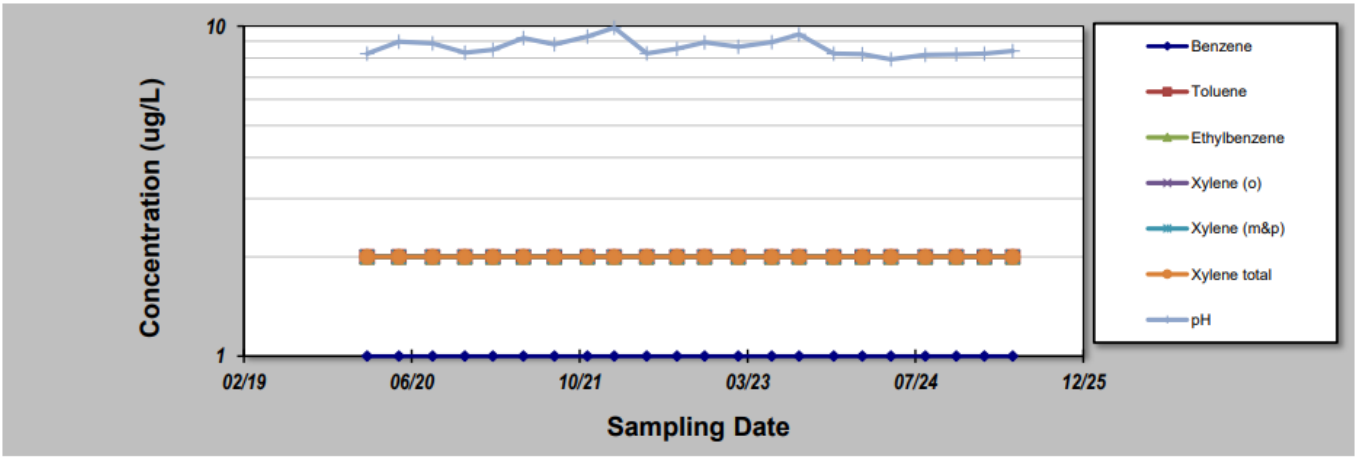


Figure 4.10 Statistical trend analysis of MW05 – BTEX and pH (reference AECOM 2025d)

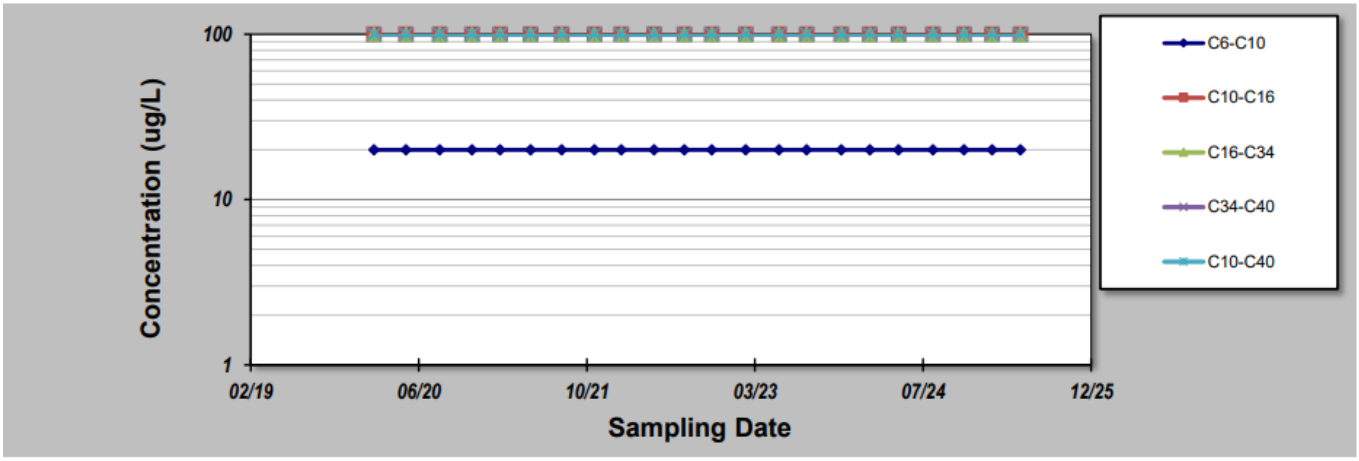


Figure 4.11 Statistical trend analysis of MW05 – TRH (reference AECOM 2025d)

4.3.6 MW06

Recorded pH levels at MW06 for this reporting period ranged from 7.28 to 8.84 and were below and within the previously detected range for this location. Mann Kendall trend analysis reported no trend for pH levels.

BTEX concentrations remained below the LOR throughout the 2025 monitoring period, consistent with previous concentrations. Statistical analysis reported a stable trend of BTEX concentrations.

TRH concentrations remained below the LOR throughout the 2025 monitoring period, consistent with all previous concentrations. Statistical analysis reported a stable or no trend for all TRH fractions.

Concentrations of TRH have been reported consistently less than the LOR since commencement of quarterly monitoring.

The statistical trend analyses for MW06 are presented in Figure 4.12 and Figure 4.13.

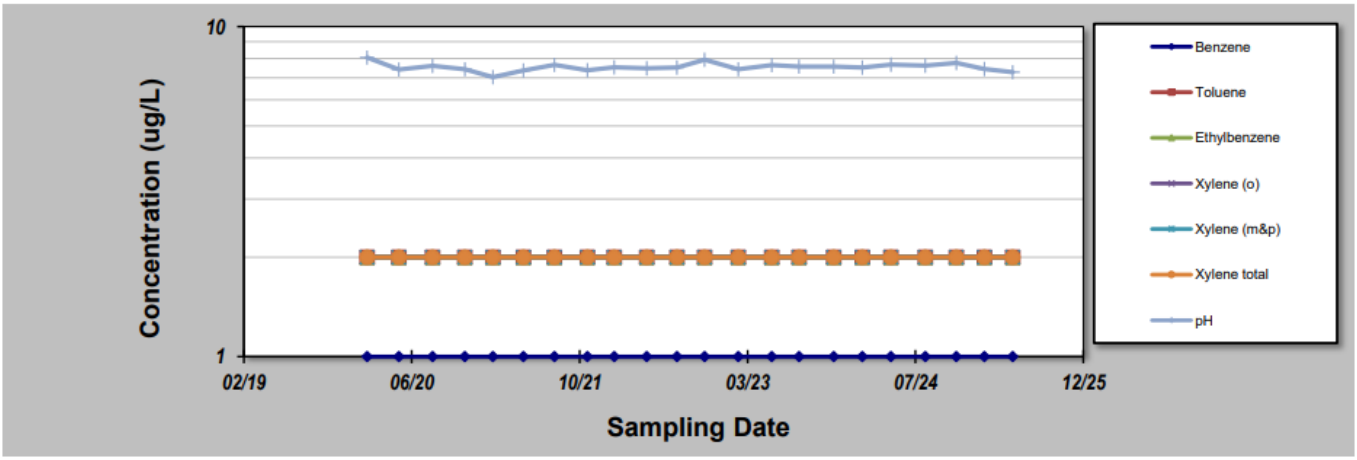


Figure 4.12 Statistical trend analysis of MW06 – BTEX and pH (reference AECOM 2025d)

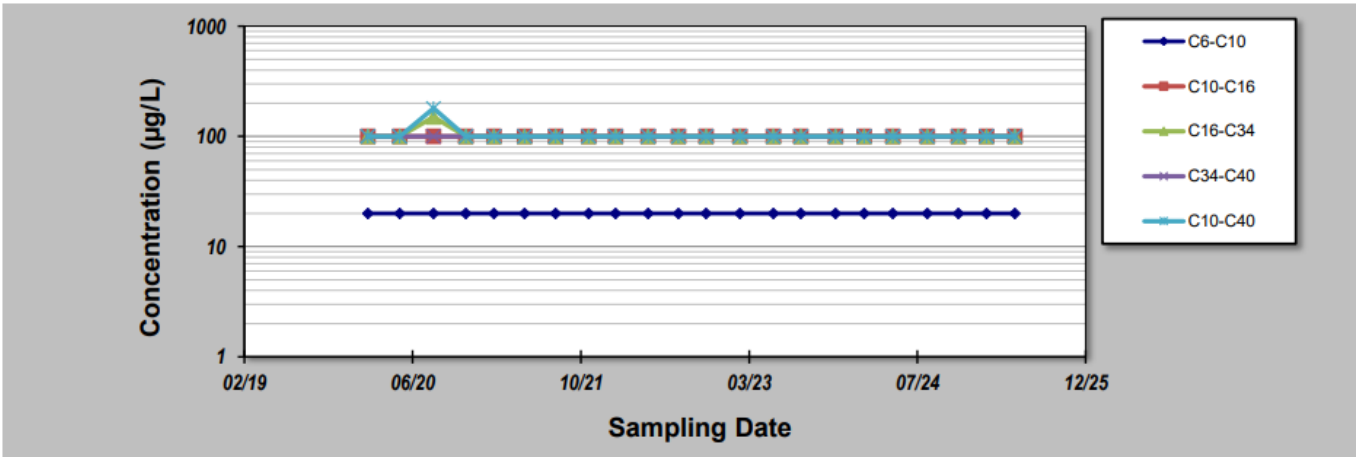


Figure 4.13 Statistical trend analysis of MW06 – TRH (reference AECOM 2025d)

4.3.7 MW07

Recorded pH levels at MW07 for this reporting period ranged from 8.25 to 8.58 and were below the previously detected range at this location. Mann Kendall trend analysis reported a decreasing trend for pH levels.

BTEX concentrations remained below the LOR throughout the 2025 monitoring period, consistent with previous concentrations. Statistical analysis reported a stable trend of BTEX concentrations.

TRH concentrations remained below the LOR throughout the 2025 monitoring period and the statistical analysis reported a stable trend for all TRH fractions.

The statistical trend analyses for MW07 are presented in Figure 4.14 and Figure 4.15.

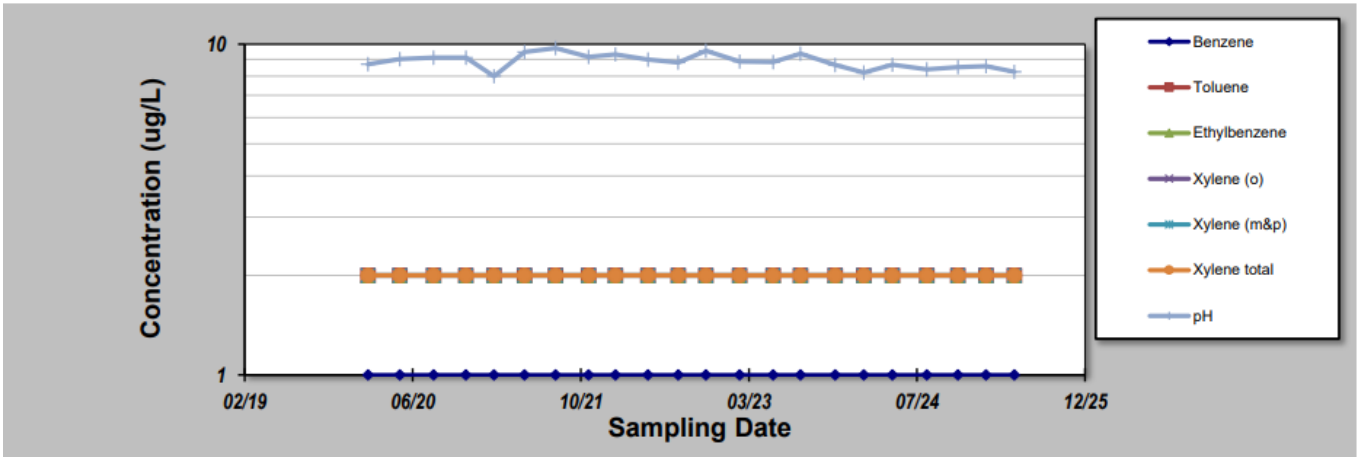


Figure 4.14 Statistical trend analysis of MW07 – BTEX and pH (reference AECOM 2025d)

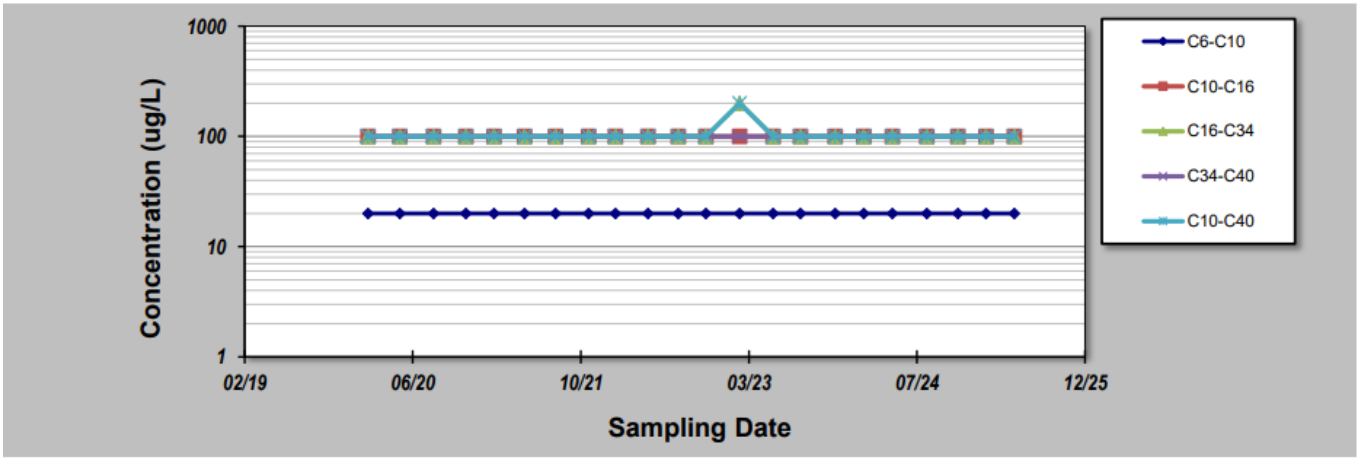


Figure 4.15 Statistical trend analysis of MW07 – TRH (reference AECOM 2025d)

4.3.8 MW08

Recorded pH levels at MW08 for this reporting period ranged from 6.98 to 7.57 and were within or slightly below the previously detected range at this location. Mann Kendall trend analysis reported no trend for pH levels.

All TRH concentrations were above the LOR throughout the 2025 monitoring period, consistent with all previous concentrations.

Sampling during subsequent monitoring events generally reported TRH concentrations within the LOR:

– Concentrations of TRH above the LOR were reported within and/or below the previously detected range (PDR's).
– Residual contamination impacts are believed to be associated with the remediation of the former BHP Steelworks site and unrelated to Stolthaven operations. Notwithstanding, the elevated CoPC concentrations reported at MW08 appear localised to this monitoring location.

Stolthaven undertook installation of two wells in March 2018 to the north-east and south of MW08 to delineate impacts at MW08. Sampling of MW08A (north-east) and MW08B (south) was undertaken in April 2018 and during the Q3 2018 monitoring which indicated CoPC concentrations were less than the LOR at MW08A and negligible at MW08B. It was considered residual contamination impacts at MW08 were sufficiently delineated to the north-east and south by MW08A and MW08B, respectively.

Suspected DNAPL was encountered at MW08. DNAPL comprised "coal tar"-like material and had a hydrocarbon-like odour. This was reported across all GMEs in 2025 (AECOM 2025d).

BTEX concentrations were within or below the previously detected range at MW08 during the 2025 monitoring period with the exception of Xylene (m & p) which recorded concentrations above the PDR.

The statistical trend analyses for MW08 are presented in Figure 4.16 and Figure 4.17.

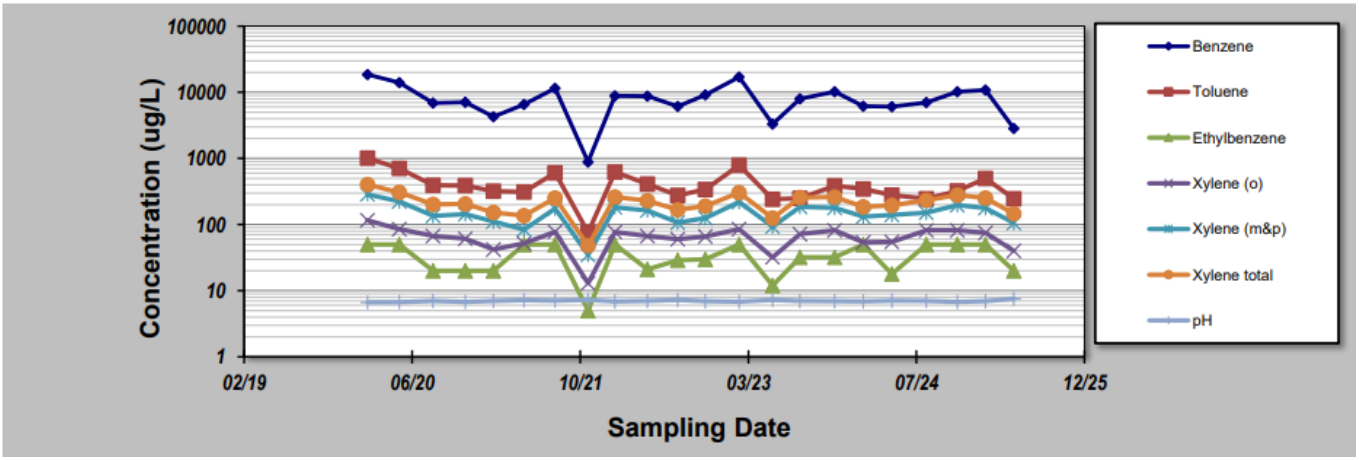


Figure 4.16 Statistical trend analysis of MW08 – BTEX and pH (reference AECOM 2025d)

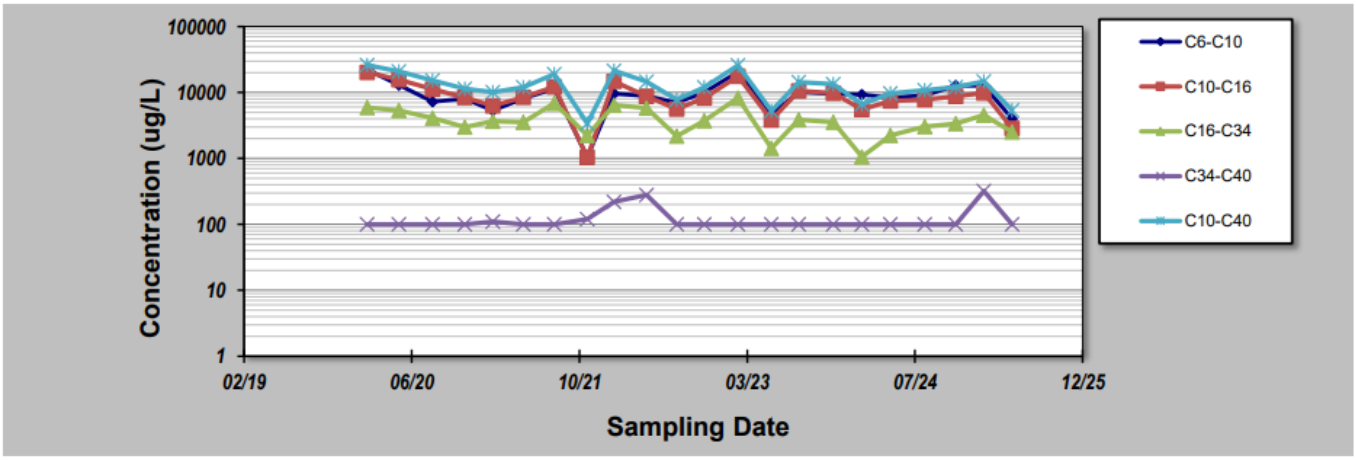


Figure 4.17 Statistical trend analysis of MW08 – TRH (reference AECOM 2025d)

4.3.9 MW09

Recorded pH levels at MW09 for this reporting period ranged from 7.13 to 7.43 and were below the previously detected range at this location. Mann Kendall trend analysis reported a stable trend in pH levels.

BTEX concentrations remained below the LOR throughout the 2025 monitoring period, consistent with previous concentrations. Statistical analysis reported a stable trend of BTEX concentrations.

TRH concentrations remained below the LOR throughout the 2025 monitoring period, consistent with all previous concentrations. Statistical analysis reported a stable trend for all TRH fractions.

The statistical trend analyses for MW09 are presented in Figure 4.18 and Figure 4.19.

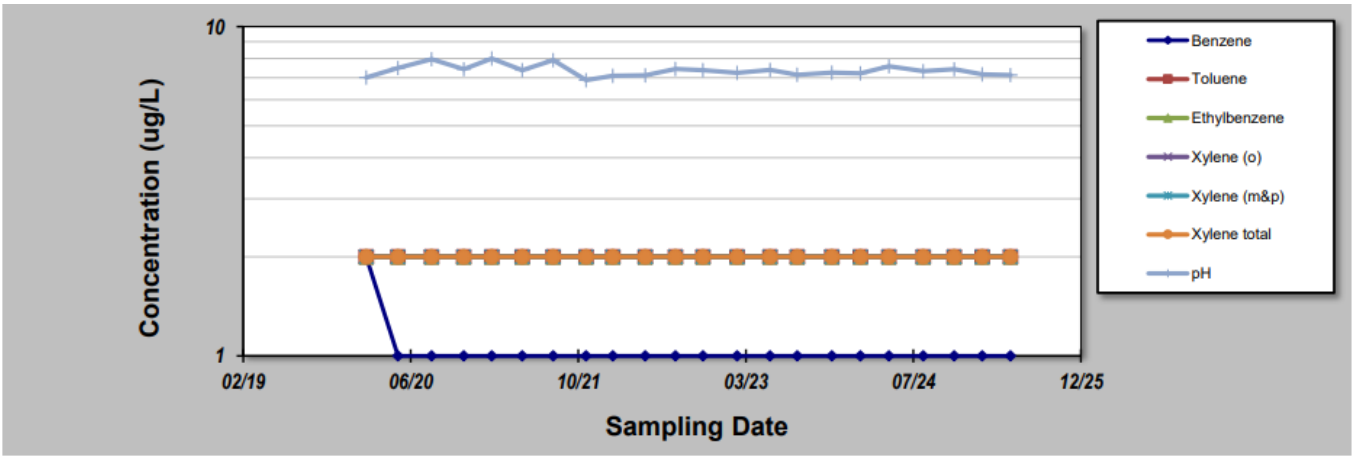


Figure 4.18 Statistical trend analysis of MW09 – BTEX and pH (reference AECOM 2025d)

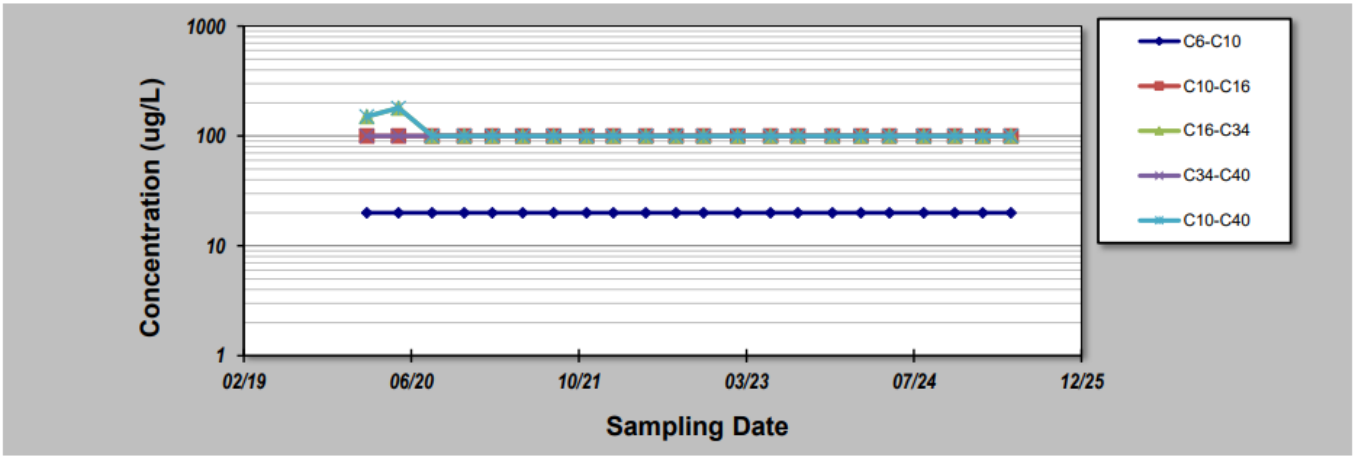


Figure 4.19 Statistical trend analysis of MW09 – TRH (reference AECOM 2025d)

4.3.10 Summary of groundwater results

Nine groundwater wells were sampled in accordance with the site's EPL.

Groundwater level monitoring and groundwater sampling was conducted at the Current Site Area (MW01 to MW04 – see Figure 2) and the Approved Expansion Area (MW05 to MW09 – see Figure 2) on the following dates in accordance with the Site's EPL.

– 18 February 2025
– 13 May 2025
– 15 August 2025
– 20 November 2025.

To date, no infrastructure related to storage and transfer of hydrocarbons is in place at the Proposed Expansion Area. It is considered that the elevated results are related to residual historical contamination from the former BHP Steelworks (which previously occupied areas of the Current Site Area and Proposed Expansion Area) and are unrelated to current operations at the Site.

The analytical results of the groundwater quality monitoring at the Site reported no exceedances of the adopted GAC at groundwater wells MW01, MW02, MW03, MW04, MW05, MW06, MW07 and MW09.

Review of analytical results and MKA indicated results are generally consistent with historical data and confirmed that groundwater quality from this GME is comparable to pre-operational baseline conditions at the Site. It is considered that Site operations have not had any measurable impact on the quality of groundwater beneath the Site. Overall, it is considered that Stolthaven has complied with the groundwater monitoring requirements of the EPL and GMP.

As at the November GME, 48 rounds of baseline groundwater monitoring have been undertaken on monitoring wells MW01 to MW04 at the Current Site Area. Baseline analytical results have identified levels of TRH and BTEX were consistently below the limit of reporting.

As at the November GME, 34 rounds of baseline groundwater monitoring have been undertaken on monitoring wells MW05 to MW09 at the Proposed Expansion Area. Baseline analytical results have identified consistent exceedances of the adopted GAC for Benzene, Toluene and meta and para-Xylenes at MW08 and elevated TRH concentrations, also at MW08. It is considered residual hydrocarbon impacts identified at MW08 are localised within fill deposits immediately surrounding MW08 and are effectively laterally delineated to the north-east and south by MW08A and MW08B.

5. Stormwater

5.1 Stormwater monitoring

Monitoring of stormwater discharges is undertaken as part of the Site's Stormwater Management Plan (SWMP) to assess the effectiveness of stormwater runoff quality controls implemented at the site. Monitoring of stormwater at the site consists of:

– Visual inspection of the site and areas receiving runoff from the site.
– Monitoring water quality following rainfall events.

Indicators of potential adverse water quality impacts include:

– Evidence of erosion and scouring around the stormwater pipe discharge outlets.
– Changes in clarity, colour and odour of receiving waters.
– Presence of debris and rubbish.
– Evidence of stress on flora or fauna.
– Presence of an oily film on water surfaces.
– Orange/brown coating on banks, water surfaces or substrate.

There are currently nine concrete bund walls around the site's bulk storage area designed to contain any spills onsite and prevent environmental harm. The bunds are referred to as Bund 1, Bund 2, Bund 3, Bund 5, Bund 6, Bund 7, Bund 8 and Bund 9. After every rainfall event all bunds are sampled and tested before release through the Puraceptor on site according to the SWMP. In order to ensure the quality of stormwater collected from the bunds, the outlet from the bunds is kept closed at all times.

The Puraceptor is a water quality and hydrocarbon detector located prior to the discharge point at the Hunter River. In order to confirm that stormwater measures implemented at the site do not adversely impact on the Hunter River, samples are collected following rainfall events that result in sufficient stormwater discharge to collect surface water samples.

The water samples at EPL Point 5 are analysed prior to discharge for the pollutants as shown in Table 5.1. Concentration limits are taken from EPL 20193. Once water quality results are obtained for the water in the Point 5 pit, water is discharged into the Hunter River via the Puraceptor. If water quality is found to be noncompliant with the parameters prescribed in the site's EPL it is retested and if the results are above prescribed limits again a licenced trade waste contractor is engaged to dispose of the wastewater. Further details of wastewater removed from site by the licenced waste contractor is presented in Section 8.1. It is noted that Biological Oxygen Demand (BOD) was removed from the EPL criteria on 27 August 2015 and was not sampled between the 2017 and 2025 reporting periods.

Table 5.1 Water quality criteria (EPL 20193)

Pollutant	Units of measure	Frequency	Method	100 percentile concentration limit
Dissolved oxygen	mg/L	Weekly during any discharge	Grab sample	>2
Oil and grease	mg/L	Weekly during any discharge	Grab sample	10
pH	pH units	Weekly during any discharge	Grab sample	6.5-8.5
Total suspended solids	mg/L	Weekly during any discharge	Grab sample	30

5.2 Stormwater monitoring results

Stolthaven conducted stormwater sampling onsite and provided the 2025 water quality results from the site's licenced discharge point which are presented in Table 5.2 below. Water quality results from bund water sampling are presented in Table 5.3. A full copy of the data from stormwater monitoring is provided in Appendix C.

Table 5.2 Discharged water quality results (EPA Point 5)

Sample date	Dissolved oxygen (mg/L)	Oil and grease (mg/L)	pH	Total Suspended Solids (TSS) (mg/L)	Volume discharged (L)
14/01/2025	8.20	3	7.65	6	30,000
29/01/2025	7.73	< 2	7.61	18	30,000
24/03/2025	7.40	< 2	7.22	5	30,000
31/03/2025	8.20	< 2	7.48	23	30,000
03/04/2025	7.90	< 2	7.46	26	30,000
15/04/2025	7.00	< 2	7.15	6	15,000
12/05/2025	8.70	< 2	7.46	22	30,000
16/05/2025	8.80	3	7.76	14	30,000
27/05/2025	9.10	2	7.50	**57**[1]	30,000
29/05/2025	9.00	< 2	7.20	5	30,000
04/06/2025	7.50	< 2	7.03	5	30,000
30/06/2025	7.20	< 2	6.97	5	30,000
22/07/2025	7.00	< 2	6.89	5	30,000
31/07/2025	7.30	< 2	7.12	5	30,000
08/08/2025	7.10	< 2	6.92	5	30,000
18/08/2025	9.00	< 2	7.08	5	30,000
22/08/2025	8.50	< 2	7.19	5	30,000
01/09/2025	8.40	< 2	**8.84**[1]	19	0
09/09/2025	8.80	< 2	7.08	5	30,000
23/09/2025	6.40	< 2	7.22	5	30,000
02/10/2025	7.60	< 2	7.49	25	30,000
23/10/2025	6.30	< 2	7.03	16	30,000
29/10/2025	9.00	< 2	6.94	5	30,000
17/11/2025	8.60	< 2	7.49	5	30,000
27/11/2025	8.60	< 2	7.79	5	30,000
Minimum	6.30	< 2	6.92	5	0
Maximum	9.10	3	8.84	57.00	30,000.00
Average	7.97	2.67	7.34	12.08	28,200.00

BOLD denotes an exceedance of the criteria.

[1] Indicates a resample and retest was subsequently taken as part of the next sample date event.

Where exceedances occurred (bold items in Table 5.2), bund water was re-tested, the results of the retest are indicated in the row below the bold results.

Table 5.3 Bund water quality results

Parameter	Minimum	Maximum	Average
pH	6.89	8.39	7.41
Total dissolved solids (ppm)	7.1	436	49.31
Dissolved oxygen (mg/L)	1.9	123.3	22.37
Electrical Conductivity (µS/cm)	10.9	189.6	69.57

5.3 Analysis of results

5.3.1 Discharged water quality results

While the water sampling identified two exceedances in 2025 of the EPA criteria as opposed to six exceedances in 2024, any water which exceeded EPA criteria was not discharged and was subsequently resampled. If further sampling and testing provided acceptable results, then discharges were permitted. The site's Stormwater Management Plan states "*If laboratory analysis of the water samples failed against EPL limits, a resample will be taken and tested. If the second analysis fails, then effluent will be disposed off-site by approved waste disposal contractor & reported through the sites Incident management system."*

During the 2025 monitoring period, all water discharged from the site was compliant with all conditions of the site's EPL. The following sections discusses each analyte further, with reference to trends identified in Stormwater monitoring (Refer to Appendix J).

Dissolved Oxygen (DO)

The DO concentrations reported at Monitoring Point 5 complied with the site's EPL criteria, with all results above the prescribed minimum concentration limit of 2 mg/L. No exceedances of the criteria were recorded during the reporting period. The average dissolved oxygen level recorded during the 2025 reporting year was 7.97 mg/L, with a minimum level of 6.30 mg/L and a maximum of 9.10 mg/L. AECOM 2019 presented a trend plot of dissolved oxygen data between 2014 and 2018 which showed DO concentrations have been variable at Monitoring Point 5 with no obvious trends. Data reported during 2025 confirmed the variability of DO with no obvious trends.

Oil and grease

The oil and grease levels recorded at Monitoring Point 5 during the reporting period were compliant with the EPL concentration limit of 10 mg/L. There were no exceedances of the criterion recorded during the 2025 reporting period. The average level of oil and grease recorded during the reporting period was 2.67 mg/L, with a minimum of <2.20 mg/L and a maximum of 3.0 mg/L.

pH

The pH levels recorded at Monitoring Point 5 complied with the site's EPL criteria, remaining within the prescribed pH range of 6.5 – 8.5. There was one exceedance of the criterion recorded during the 2025 reporting period. During the reporting period, the average pH level was 7.34 with a minimum of 6.89 and a maximum of 8.84. AECOM 2019 presented a trend plot of pH results between 2014 and 2018 which, along with results from 2019, 2020, 2021, 2022, and 2023 indicate that pH levels at Monitoring Point 5 generally remain within the range of 6.5 to 8.5. 2025 values are consistent with this.

Total Suspended Solids (TSS)

Concentrations of TSS recorded at Monitoring Point 5 varied throughout the reporting period. There was one occurrence where TSS was recorded to be above the maximum criteria at 57 mg/L. The exceedance was recorded on 27 May 2025. Water was not released and was instead held and resampled as per the site's Stormwater Management Plan.

During the reporting period, the average level of total suspended solids was 12.08 mg/L, with a minimum of 5 mg/L and a maximum recording of 57 mg/L.

AECOM 2019 presented a trend plot of TSS results between 2014 and 2018. The historical and current results indicate that the level of TSS at Monitoring Point 5 is variable, with no obvious trends identified.

5.3.2 Bund water quality results

There are no specific limits set for bund water quality. Bund water is sampled following rainfall and then released according to the site's Stormwater Water Management procedure through the site's Puraceptor to the Western channel.

The following sections discusses each analyte further, with reference to trends identified in AECOM 2024a – 2024d. In future reporting periods, the data series will grow in accuracy and bund water quality trend analysis can be undertaken. Appropriate management measures can be recommended to address any issues identified.

pH

The pH levels recorded in the bund water during the reporting period ranged from a minimum of 6.52 to a maximum of 8.39 with an average of 7.41. The pH levels during the reporting period were within the pH range of 6.5 – 8.5 prescribed in EPL criteria for the licensed discharge point (Monitoring Point 5).

The pH of the bund water was not recorded as being higher than 8.5 on any occasion during the 2025 reporting period.

Results from 2025 were generally within historical concentrations and are not indicative of any obvious trends.

Total Dissolved Solids (TDS)

TDS levels in bund water during the reporting period ranged from 7.1 to 436 ppm, with an average of 49.31 ppm. TDS levels at the site during the 2025 reporting period demonstrated similar variation when compared to the previous 2024 reporting period.

AECOM 2019 presented a trend analysis of TDS concentrations between 2014 and 2018 indicating that there could be a decreasing trend. Results from 2019 - 2022 confirm this observation, however, an increased average value has been observed from 2023 to 2025 which does not confirm a decreasing trend.

Dissolved Oxygen (DO)

DO Concentrations ranged from 1.9 mg/L to 123.3 mg/L, with an average concentration of 22.37 mg/L. AECOM 2019 presented a DO trend plot of concentrations between 2014 and 2018 which showed an increasing linear trend throughout the 2018 period. DO concentrations during the 2019 - 2025 monitoring periods did not confirm this trend with concentrations observed as variable over the testing period.

Electrical Conductivity (EC)

Conductivity levels in bund water during the reporting period ranged from 0 µS/cm to 189.60 µS/cm, with an average conductivity of 69.12 µS/cm.

AECOM 2019 presented a conductivity trend plot of concentrations between 2014 and 2018 which indicated a decreasing linear trend. While this trend was supported by data observed in 2022, the 2023 and 2024 analysis produced contradicting results. The results of the 2025 period are similar to 2023 and 2024. This increasing trend it is likely to be attributed to long dry periods followed by short periods of heavy rain transporting pollutants through the bund system.

5.4 Summary of stormwater results

Stormwater management and monitoring measures implemented at the site have been successful in preventing environmental damage in this reporting period. Sampling identified no TDS exceedances of the EPL wherein water was not released or required resampling as per the site's Stormwater Management Plan.

Consistent future monitoring of bund water after rainfall events will improve the site's available baseline data and ability to identify trends and issues as well as to identify necessary environmental management measures to improve the environmental performance of the site.

6. Noise

6.1 Operational noise

Operational noise generation is managed and monitored according to the Site's Noise Management Plan. Up until 2018, ships would dock at M4 and pump fuel into the storage tanks. Mayfield No. 7 Berth was commissioned within the 2018 reporting period and now services the facility for the import and export of petroleum products. Discussions between Stolthaven and NSW EPA (email dated 20 December 2018) confirmed that shipping activities associated with Mayfield No. 7 Berth are not required to be included as part of the facility's operational noise compliance assessments. Further, as per Condition 1.6 of the MCP, noise emissions associated with the berths, berthing or harbour operations (i.e. shipping activities) are excluded from contributing to the overall MCP noise emissions.

The main noise sources from AECOM 2025 at the site are summarised in Table 6.1.

Table 6.1 Noise emitters at the site

Operational Activity	Noise Source
Internal private access roads	Moving trucks, idling trucks
Industrial Noise Sources*	Fuel pumps
	Haulage tanker trucks filling

**Ships in berth and transferring fuel fall under the provisions of DA-293-08-00 as modified.*

AECOM 2020 reported that Stolthaven received correspondence from NSW EPA, PON and DPHI that noise generated from Steelworks Road operational activities (i.e. fuel truck movements) do not form part of the facility's operational activities. Therefore, fuel truck movements are no longer considered as part of the operational noise compliance assessments.

The nearest residential areas to the site are located to the south-west of the facility at Mayfield, with the closest receivers in Crebert Street, approximately 900 m away. To the south east there are residential receivers located in Carrington, approximately 2 km away, and residential receivers located in Stockton, approximately 3 km away.

Operational noise levels at the site are required to be within limits set out in Condition L5.1 of EPL 20193 and Condition 30 of SSD_7065. The operational noise criteria that have to be met as prescribed by the EPL are shown in Table 6.2.

Table 6.2 Operational noise criteria

Receiver	Location	Operational noise limits, db(A)			
		Day	Evening	Night	
		$L_{Aeq,\ 15\ min}$	$L_{Aeq,\ 15\ min}$	$L_{Aeq,\ 15\ min}$	$L_{Aeq,\ 1\ min}$
R1	1 Arthur St, Mayfield	35	35	35	45
R2	52 Arthur St, Mayfield	35	35	35	48
R3	2 Crebert St, Mayfield	41	41	41	49
R4	21 Crebert St, Mayfield	40	40	40	47
R5	24 Crebert St, Mayfield	42	42	42	51
R6	30 Crebert St, Mayfield	41	41	41	50
R7	50 Crebert St, Mayfield	35	35	35	50
R8	2 McNeil Cl, Mayfield	35	35	35	48

The SSD_7065 consent requires operational noise levels at the site to comply with the relevant noise goals contained in the Mayfield Concept Plan MP09_0096, or any noise quota established by the PON for the development. A methodology to deal with cumulative noise from the entire Mayfield Concept Plan (MCP) was developed by PON.

The MCP overall noise goals are presented in Table 6.3.

Table 6.3 MCP overall noise goals

Receiver	MCP Project specific noise goals, $L_{Aeq, period}$ dB(A)		
	Day (7:00 am to 6:00 pm)	Evening (6:00 pm to 10:00 pm)	Night (10:00 pm to 7:00 am)
A – 1 Arthur St, Mayfield	47	36	30
B – 2 Crebert St, Mayfield	51	40	34
C – 32 Elizabeth St, Carrington	42	30	25
D – 186 Fullerton Rd, Stockton	39	28	22

The SSD_7065 consent requires operational noise levels at the site to comply with the relevant noise goals in Conditions C30 and C31. The noise limits under C30 and C31 are the same as the noise limits in Condition L5 of EPL 20193. Noise quotas have been allocated to the site as part of Stolthaven Stage 3 SSD 7065 Environmental Impact Statement. As part of SSD 7065, two key conditions are relevant to this noise compliance assessment, these include Conditions 32 and C35, which specify:

– Condition 32: The Applicant shall:
  - Ensure noise from the site does not exceed the noise quotas provided by the PON in accordance with the Site Noise Mode.
  - Comply with the directions of the PON in relation to the management of noise from the site.
– Condition 35: The Applicant shall monitor noise from the site. The monitoring shall:
  - Be undertaken annually, or to address genuine noise complaints related to the site as determined by the Secretary, EPA or the PON.
  - Be undertaken in accordance with the NSW Industrial Noise Policy and the Noise Verification Monitoring Plan, October 2015 or its latest version.
  - Demonstrate compliance with the noise limits in this consent and the noise quotas provided by PON in accordance with the Mayfield Concept Plan.
  - Be reported annually to the Secretary, EPA and the PON.

Stolthaven Stage 3 SSD 7065 specific cumulative amenity noise quotas are presented in Table 6.4.

Table 6.4 MCP overall noise goals – SSD 7065

Receiver	MCP Project specific noise goals, $L_{Aeq, period}$ dB(A)		
	Day (7:00 am to 6:00 pm)	Evening (6:00 pm to 10:00 pm)	Night (10:00 pm to 7:00 am)
A – 1 Arthur St, Mayfield	47	36	30
B – 2 Crebert St, Mayfield	51	40	34
C – 32 Elizabeth St, Carrington	42	30	25
D – 186 Fullerton Rd, Stockton	39	28	22

6.2 Noise monitoring results

Attended noise measurements were undertaken on 24 November 2025 at the closest nearby residential receiver locations as per the EPL 20193, SSD 7065 and MCP. Attended noise measurements were conducted using Brüel and Kjaer Type 2250 and Brüel and Kjaer Type 2270 noise monitors.

At all measurement locations, the measured noise levels exceeded the noise limits. However, it was noted by AECOM 2025 that noise from the Stolthaven facility was not clearly distinguishable or quantifiable at any of the attended receiver locations. Stolthaven confirmed that during the night-time attended measurements at nearby residential receivers the Facility was operating under normal conditions (i.e. including truck movements).

During the attended measurements it was not possible to measurably distinguish the noise contribution from the facility from other industrial sources in the surrounding area at all receiver locations. Thus, it was not possible to determine the noise contribution through direct measurement. The results of this assessment are provided in Table 6.5.

Table 6.5 Attended measurements at Assessment Receiver Locations on 24 November 2025

Location		Time of Measurement	Monitored noise levels		
			L_{A1} dB(A)	L_{Aeq} dB(A)	L_{A90} dB(A)
R1/A	1 Arthur St, Mayfield	24/11/2025 23:07 PM	60	46	37
R2	52 Arthur St, Mayfield	24/11/2025 22:38 PM	52	46	42
R3/B	2 Crebert St, Mayfield	24/11/2025 23:43 PM	61	50	38
R4	21 Crebert St, Mayfield	25/11/2025 00:00 AM	75	65	43
R5[1]	24 Crebert St, Mayfield	24/11/2025 23:42 PM	58	47	40
R6[1]	30 Crebert St, Mayfield	24/11/2025 23:42 PM	58	47	40
R7	50 Crebert St, Mayfield	24/11/2025 23:20 PM	57	44	36
R8	2 McNeil Cl, Mayfield	24/11/2025 22:59 PM	52	41	35
C	32 Elizabeth St, Carrington	25/11/2025 00:24 AM	45	46	38
D	186 Fullerton Rd, Stockton	24/11/2025 22:00 PM	70	57	42

1. Due to their proximity to each other, the measured noise levels at R6 were also deemed representative of the noise environment and levels at R5.

Due to the existing noise level at the site, on-site measurements of individual plant items and typical operations were undertaken 24 November 2025 at the facility and during previous compliance inspections. It was noted during all measurements that the specific noise source being measured was the dominant noise source throughout the measurement period.

Observations were made of the onsite operations, which have then been reviewed in conjunction with the facility operational data to model ‘reasonable’ worst case operational scenarios over the assessment periods. Key on-site attended measurement results are summarised in Table 6.6.

Table 6.6 On-site attended measurements at the facility on 24 November 2025

Operation	Time of measurement	Monitored noise levels			
		$L_{A1(t)}$, dB(A)	$L_{A10(t)}$, dB(A)	$L_{Aeq(t)}$, dB(A)	$L_{A90(t)}$, dB(A)
Entrance gate alarm	02:40 PM	80	77	73	67
Operating pump	02:23 PM	85	84	83	81
Exit gate alarm	02:16 PM	71	69	66	61
Truck arrival (internal road)	02:39 PM	76	69	67	64
Truck departure (via internal road)	02:43 PM	87	82	77	69
Truck airbrakes	02:35 PM	89	81	78	71

Operation	Time of measurement	Monitored noise levels			
		$L_{A1(t)}$, dB(A)	$L_{A10(t)}$, dB(A)	$L_{Aeq(t)}$, dB(A)	$L_{A90(t)}$, dB(A)
Truck idling	02:42 PM	79	79	78	76
Compressor shed air release valve	02:04 PM	69	67	65	58

Table 6.7 presents predicted noise level results for the reasonable worst case intrusiveness scenario (15-minute period) for neutral and adverse weather conditions.

Table 6.7 Predicted intrusive noise levels

Receiver	EPL 20193 and SSD 7065 Noise Limits, $L_{Aeq, 15\ min}$, dB(A) [1]	Predicted noise level, $L_{Aeq, 15\ min}$, dB(A)		Compliance
		Neutral weather	Adverse weather[2]	
R1	35	22	27	Yes
R2	35	21	26	Yes
R3	41	31	36	Yes
R4	40	31	36	Yes
R5	42	30	35	Yes
R6	41	28	33	Yes
R7	35	24	29	Yes
R8	35	23	28	Yes

1. Operational noise limits are based on the most stringent operational noise limits (i.e. night-time period).
2. Adverse weather considers the worst case of 3 m/s source to receiver wind and temperature inversions.

The facility's predicted noise levels in Table 6.7 indicate that under neutral and adverse weather conditions, the facility complies with EPL 20193 and SSD_7065 noise limits at all locations.

AECOM 2025 also prepared predicted modelled results to determine noise compliance against the EPL 20193 and SSD_7065 sleep disturbance noise limits. The sound power levels for the maximum noise events at the facility are included in Table 6.8.

Table 6.8 Predicted Noise Levels – Sleep Disturbance Assessment, Night-time Period

Receiver	EPL 20193 and SSD 7065 Noise Limits, $L_{A1, 1\ min}$, dB(A)	Predicted noise level, $L_{A1, 1\ min}$, dB(A)		Compliance
		Neutral weather	Adverse weather[1]	
R1	45	28	33	Yes
R2	48	27	32	Yes
R3	49	35	38	Yes
R4	47	36	41	Yes
R5	51	36	39	Yes
R6	50	35	38	Yes
R7	50	29	33	Yes
R8	48	28	33	Yes

[1] Adverse weather considers the worst case of 3 m/s source to receiver wind and temperature inversions.

The $L_{A1, 1min}$ night-time site operation assessment indicates that the predicted noise levels at all receiver locations comply with the EPL 20193 and SSD 7065 sleep disturbance noise limits during both neutral and adverse weather conditions.

AECOM 2025 also prepared predicted modelled results to determine noise compliance pertaining to fire pump testing. Condition L5.2 of EPL 20193 requires:

> *Fire pumps at the premises must be designed and operated so that noise from routine testing or maintenance is not more than LAeq (15min) 53 dB(A) at the most affected residential or sensitive receiver. Routine testing or maintenance must only occur during the daytime.*

Fire pump testing results are outlined in Table 6.9.

Table 6.9 Predicted Noise Levels – Fire pumps

Receiver	EPL 20193 and SSD 7065 Noise Limits, $L_{Aeq,\ 15\ min}$ dB(A)	Predicted noise level, $L_{Aeq,\ 15\ min}$ dB(A)		Compliance
		Neutral weather	Adverse weather[1]	
R1	53	15	20	Yes
R2	53	16	21	Yes
R3	53	32	37	Yes
R4	53	40	45	Yes
R5	53	26	31	Yes
R6	53	21	26	Yes
R7	53	16	22	Yes
R8	53	16	21	Yes

[1] Adverse weather considers the worst case of 3 m/s source to receiver wind and temperature inversions.

The fire pump testing operational noise assessment indicates that the predicted noise levels at all receiver locations comply with the EPL 20193 and SSD 7065 noise limits during both neutral and adverse weather conditions.

6.3 Conclusion of analysis

The AECOM 2025 noise assessment was undertaken on 24 November 2025, it was not possible to directly quantify the impacts of noise arising from operations at the Facility due to the influence from extraneous noise sources. As such, an alternative method was required in order to demonstrate compliance with the project approval requirements. The compliance assessment was carried out using SoundPLAN noise modelling software, calibrated based upon attended noise measurements.

In order to determine compliance of the Facility operational noise emissions with the required noise limits, ‘reasonable’ worst case operational scenarios were determined from 2022 to 2023 truck movement historical data provided by Stolthaven, and noise levels based upon on-site attended noise measurements undertaken on 24 November 2025 and during previous site visits. Daytime, evening and night-time noise emissions were predicted to each of the required assessment locations and compared against the site noise limits for all scenarios. The Project approval requires that the noise emissions be assessed under worst case prevailing wind and temperature inversion conditions.

Results of the noise compliance modelling showed that the operation of the facility complies with the noise limits stated in EPL 20193 and SSD 7065 in addition to the project specific noise goals in the MCP for all outlined receivers.

7. Fuel storage and transport

7.1 Fuel storage

Approximately 1,552 ML of fuel (including additive) was received on site and 1,541 ML of fuel (including additive) was transported off site during the reporting period. A breakdown of fuel stored, received, and dispatched is provided in Table 7.1. The combined volume of fuel initially stored at the start of the reporting period plus the volume of fuel received during the reporting period should approximately equal the combined volume of fuel dispatched throughout the reporting period plus the volume of fuel stored at the end of the reporting period. It should be noted however that site measurement equipment has a tolerance of 0.2% which over the course of a year can lead to these amounts not matching.

Other factors that contribute to the discrepancy include:

– Product volume onsite is accounted for by a daily and monthly reconciliation process.
– Some variation is caused by the heating and cooling of products being received and the temperature and therefore density at the different times of measurement/pumping.
– Bulk tanks are manually dipped by a third party surveyor before and after every shipping receipt.
– Gantry meters are calibrated on a 6 monthly schedule to minimise potential for measurement errors.

Table 7.1 Volume of fuel stored, received and dispatched

Customer	Direction	Product	Quantity in Litres (L)
Customer A	Import	Diesel	791,024,964
	Export	Diesel*	807,043,971
Customer B	Import	Nemo (additive)	36,090
	Import	Diesel	723,030,990
	Export	Diesel*	724,775,278
Customer C	Import	Diesel	8,000,000
	Export	Diesel	9,176,288
Totals	**Import**	**Diesel**	**1,522,092,044**
	Export	**Diesel***	**1,540,995,537**
	Export	**Slops**	**366,277**

Note 1 – Slops are generated onsite and not imported.

Note 2 – Additives are mixed with diesel prior to dispatch by truck and are not exported separately.

Annual throughput was previously approved under SSD_6664 and was increased via modification from 1,010 ML to 1,300 ML on 28 September 2015. The annual throughput approved under the EPL was amended on 2 October 2015 with the same annual throughput limit approved under Condition A1.4 of the EPL being 1,300 ML.

The EPL was further amended on 27 August 2021 (Variation notice number 1611736), which removed the site's throughput limits as the Premises adheres to load limits set in the licence.

Most recently, the sites load limits were increased marginally to align with the site's throughput expectation of up to 1,800 ML via a variation to EPL 20193. The variation (Variation notice number 1635217) was approved on 9 January 2024. The variation is attached in Appendix B along with other DPHI correspondence. More detail about the EPL is provided in Section 2.6.4.

No exceedances of throughput limits have occurred during the reporting period.

7.2 Truck movements

Over the reporting period there were a total of 61,172 truck movements at an average of approximately 5,098 each month. This equates to approximately 168 truck movements per day on average over the whole reporting period. A breakdown of hourly truck movements is provided at Appendix D. Note these are recorded as one truck only, so figures need to be doubled for total number of truck movements as one truck entering the site equals one movement and the same truck leaving the site is counted as one movement.

A Traffic Impact Assessment (TIA) was conducted in the 2016 reporting period as part of the EIS for the SSD_7065 application to increase throughput to 3,500 ML per year. The TIA assessed a worst case potential operational traffic scenario of 200 truck movements per day. Although there are no specific traffic movement requirements in either the Project approval or EPL, assessment of average daily truck movements at the site for this reporting period indicates compliance with this predicted traffic volume for all months.

7.2.1 Mayfield concept plan traffic movements

Condition 2.3 of the Mayfield Concept Plan Approval provides that the following truck numbers should not be exceeded prior to additional traffic monitoring being undertaken and any potential impacts to the road networks operation of infrastructure requirements identified:

– Total Mayfield Concept Plan Truck Movements per day – 1,268
– Total Mayfield Concept Plan Truck Movements per hour – 95.

During the busiest months of operations throughout the review period, (June, September, November and December – all with at least 5,194 movements per month) movements from Stolthaven averaged 175 movements per day which is within the Concept Plan's limits listed above. Activities which have the potential to generate additional heavy vehicle movement from the wider Mayfield Concept Plan site include Mayfield Berth 4 operations. These have remained at similar levels of operation since the facility began operation and there have been no other new additional land uses in the Concept Plan area which have the potential to generate cumulative heavy vehicle movements above the daily or hourly thresholds in the Concept Plan approval.

In comparing 2025 truck movements to 2024 truck movements, a slight decrease is noted. Truck movement within the reporting period was within the approved level.

8. Waste

Waste is managed according to the Site's Waste Management Plan (WMP) and is minimised or recycled where possible. Solid waste is disposed of in appropriate receptacles and removed by local waste contractors.

Liquid waste generated on site is stored in the tanks listed in Table 2.3. Waste is discharged from the site once it has been treated to an acceptable quality or is disposed of by an appropriately licenced waste collector.

Waste levels in 2025 have shown a slight increase when compared to the 2024 reporting period. General waste bin pickups increased in 2025, which could be attributed to increase in waste pick-up frequency. Hazardous waste from tank cleaning recorded in 2021, 2022, 2023, 2024 was recorded again in 2025 due to the cleaning of the NN8. Hazardous waste (liquid) production increased in 2025, attributed to both higher transfers and the increased waste produced in May and August.

No further recycling opportunities were identified in 2025. No Vegetation was disposed of in 2025 - Grassed areas were cut and mulched or left onsite.

Waste removed from the site in the current reporting period is presented in Appendix G with the following amounts disposed:

Hazardous Waste (Liquid):

– Quantity (Veolia): 87,400 L
– Quantity (Cleanaway): 13,000 L
– Transfers (JLP Transfer): 387,307 L

Solid Waste:

– 1,100 L Bin: 9
– 660 L Bins: 12
– 20 L Drums: 97
– 200 L Drums: 19
– Intermediate Bulk Container (IBC): 1

General Waste

A total of 79.5 m³ of general waste was removed in 2025 (48.0 – 2019, 39.0 – 2020, 40.5 – 2021, 67.5 – 2022, 76.5 – 2023, 75.0 – 2024).

This represents a slight increase compared to 2024. The upward trend since 2022 is consistent with the increase in waste collection frequency, noting that bins may not be full at each pickup. Overall, waste volumes remain broadly consistent with 2023–2024 levels.

Commentary:

Although volumes have increased compared to earlier years (2019–2021), this appears to be driven more by collection frequency and operational activity rather than a clear increase in waste generation. Bins may not be full upon collection.

Recycling

A total of 28.0 m³ of recycling was removed in 2025 (29.7 – 2019, 27.5 – 2020, 28.6 – 2021, 25.3 – 2022, 25.3 – 2023, 28.6 – 2024).

Commentary:

Recycling volumes are consistent with the site average and show a return to levels similar to 2019–2021.Recycling performance remains stable. Continued monitoring is recommended to ensure recyclable waste streams are not entering general waste bins, particularly during periods of higher site activity.

Printer Cartridge Recycling

No printer cartridges were recycled in 2025. This is consistent with the site's pickup cycle, which typically occurs every 12–18 months (16 kg in 2021 and 2024, Nil in 2022/2023).

Commentary:

No issues identified. Current recycling frequency appears appropriate.

Vegetation / Green Waste

No vegetation waste was disposed of in 2025 (Nil in 2019–2024).

Grass and vegetation management continues to be completed onsite, with cuttings mulched and left onsite, eliminating the need for offsite disposal.

Commentary:

This remains a positive outcome and demonstrates effective onsite vegetation management practices.

Opportunities / Improvements

No further recycling opportunities were identified in 2025.

Commentary / Recommendation:

While no new waste diversion opportunities were identified, it is recommended that the site continues periodic reviews of waste segregation practices and contractor reporting to ensure recyclable streams are maximised.

8.1 Spills and site contamination

Records of reportable spills and site contamination are described in the incident register provided in Appendix E. No significant environmental incidents occurred during the 2025 reporting period. Most incidents related to operational aspects of the site. Following incidents, Stolthaven prepares an Incident Report in accordance with their internal Incident Investigation procedure. These reports are saved against the incident in the Incident Register (EcoPortal).

All incidents recorded during the reporting period were considered minor in severity ranking and were effectively managed on the site. Details of incidents are provided in Appendix E.

9. Aesthetic

Weed control and vegetation management activities are conducted monthly according to the site's maintenance checklist and in accordance with the Site's Landscape Management Plan. These controls ensure fire and safety risks are managed effectively at the site through the prevention of any vegetation build-up.

No complaints were received by Stolthaven regarding aesthetic issues at the site during the 2025 monitoring period.

10. Community engagement and complaints

10.1 Community engagement

Stolthaven has an active local Community Group which engages in both face to face meetings and updates via Newsletter. The Stolthaven Community Group held a face to face meeting on the 9 April 2025 and issued a newsletter in November 2025. The site continues to receive positive feedback from the community on ensuring residents are kept informed of the site's operation.

Stolthaven was also a part of the Port of Newcastle Community Liaison Group and attended meetings on:

– 25 February 2025
– 27 May 2025
– 26 August 2025.

Stolthaven was not the subject of any concerns raised by community members during engagement activities in 2025.

10.2 Complaints

No complaints were received by Stolthaven during the 2025 reporting period.

11. Compliance

No non-compliances were identified during the reporting period.

11.1 Statement of compliance

No non-compliances were reported for the reporting period. All conditions specified in SSD_7065 have been met during the reporting period.

11.2 Complaint trending

The historical complaints received by Stolthaven due to their operations are presented in Table 11.1. Since site operations began in November 2013, Stolthaven have not received any complaints.

Table 11.1 Complaints received

Reporting period	Number of complaints
2014	0
2015	0
2016	0
2017	0
2018	0
2019	0
2020	0
2021	0
2022	0
2023	0
2024	0
2025	0

11.3 Pipeline integrity

An Annual Pipeline Pressure Test was conducted at the Stolthaven Terminal on the wharf pipeline on 18 October 2025 by Hancock & Owen Services Pty Ltd. The test confirmed the integrity of the pipeline. A copy of the test report is included in Appendix F.

In addition, leak testing is performed prior to each ship discharge operation in accordance with EPL condition O7.2.

During the report period, no pipeline leaks were reported in the incident register, see Appendix E.

11.4 Independent environmental audit

In accordance with the facilities auditing schedule under the development consent, an IEA was undertaken for the facility during the previous reporting period. The IEA was undertaken in March 2025. A summary of the outcomes and recommendation from the IEA are provided in Table 11.2.

Recommendations from the 2025 reporting period are presented below with status updates provided. The next IEA for the site is due in February 2028.

Table 11.2 IEA Recommendations

Condition ID	Audit Recommendation	Stolthaven Response
SSD 7065 – B2 Requirement to operate consistently with EIS	No recommendation is made under these conditions as the Applicant will be addressing the individual recommendations made under the non-compliances NC2, NC3 and NC4 identified in this IEA.	Noted. As addressed by the other responses below.
SSD 7065 – C21 Requirement for a meteorology station.	Meteorology data was not collected due to a mechanical fault. No recommendations made as all corrective actions had been implemented.	Noted. Stolthaven replaced the defective equipment and resumed collecting data
SSD 7065 – D10, D11 Requirement for emergency plans	Stolthaven's Emergency Plan should be updated with regards to Section 9.0 and 10.0 on incident management. The decision-making process to determine whether an incident meets the criteria to be "an incident that causes (or may cause) material harm to the environment" should be described in the Emergency Plan to address the notification/ incident reporting requirements of both EPL 20193 and SSD 7065.	Stolthaven's Emergency Response Plan (ERP) was updated with guidance, as detailed in the IEA recommendation. The updated ERP (ver 12.2) was published in June 2025 following the Plan's annual review. *Site ref EcoPortal Action-1104 - closed*
SSD 7065 – D13 Requirement to complete an IEA	The 2025 IEA and Response to Recommendations be provided to the Secretary and PON, in addition to the NSW EPA, within three months of the 2025 IEA commissioning.	The 2025 IEA and Response to Recommendations was emailed to the Secretary on 02/04/2025 & PoN & EPA on 02/04/2025. *Site ref EcoPortal Action-1105 - closed*
SSD 7065 – C46 Requirement for water management.	Consider if the collection of air compressor receiver oily-water bleed collection could be improved.	Compressor contractor arranged and installed oily-water collector on air receiver - May 30 2025. *Site ref EcoPortal Action-1106 - closed* *Ultimo # 0059921*

11.5 Actions planned for 2025 from previous annual review

Table 11.3 identifies works executed during 2025 as identified in the previous reporting period.

Table 11.3 Actions executed in 2025 Reporting period

Action Planned	Action Taken
Bulk tank coming out of service for 10 yearly inspections	Tank NN8 was taken out of service for routine maintenance 10 year off stream inspection. The tank was cleaned and inspected including thickness testing to API 653 standards.
Fire Fighting Foam replacement (PFAS to fluorine free foam)	The site has completed the transition to fluorine free fire fighting foam stock. The previous fire fighting foam containing PFAS has been removed from site and disposed of by an approve waste contractor.
Stolthaven's emergency response plan to be updated	Stolthaven's Emergency Response Plan (ERP) was updated with guidance on whether an action meets the criteria to be an incident that causes or may cause material harm to the environment.
Improve air compressor receiver oily-water bleed collection	Oily-water collector on air receiver installed.

11.6 Actions planned for 2026 reporting period

Works planned for 2026 includes the following items:

– Replace or deep clean loading bays firefighting foam pipework planned for the 2026 or 2027. This steel pipework has previously held diluted PFAS foam from the site's firefighting system (foam has now since been removed, this pipework is dry). Site is reviewing options in 2026 to clean or replace pipework to remove all traces of PFAS chemical to as low as reasonably practicable.
– Ten yearly off-stream inspection planned for tank NN9. Tank to be inspected to Australian Standards. Roof top access bridges and new tank gauging stilling well also planned.
– Ten yearly off-stream inspection planned for smaller stainless steel horizontal tanks ST1 & AT1. Tank to be inspected to Australian Standards.
– Five Yearly On-stream external inspection planned for NN1, tank to be inspected to Australian Standards.
– Minor modification planned to wharf line shore manifold connection. Modification will ease hose stress during shipping operation & allow for safer hose draining process, removing the need for the ship's crane to lift the hose at great height.
– Security camera improvements planned. Replacement of CCTV junction boxes and some high-resolution cameras.

11.7 Cautions, warning letters, penalty notices or prosecution proceedings

No cautions, warning letters, penalty notices or prosecution proceedings occurred during the reporting period.

12. Conclusion and recommendations

The Annual Review has shown that the data collected and reviewed for the 2025 monitoring period is acceptable and in accordance with the SSD_7065 consent and the site Operational Environmental Management Plan. This level of environmental performance can be attributed to the design and operation of the facility as well as to the environmental management plans and measures undertaken at the site.

Monitoring data collected and analysed during this reporting period has been analysed against baseline monitoring data for the site. The dataset for groundwater wells in the initial area (MW01 to MW04) have a dataset from ten years of quarterly monitoring, however the dataset for the wells in the expansion area is still relatively smaller (8 full years of quarterly monitoring). In future reporting periods as the amount of monitoring data available for analysis increases, trends in monitoring data will be able to be identified with greater confidence. Trends identified in the expansion area will need to be further reviewed in future in order to confirm the trends and determine the potential environmental management actions from Stolthaven for the site.

pH concentrations had no discernible trends during the reporting period at all the monitoring sites. Generally, pH was within background levels previously observed at each monitoring site.

The groundwater monitoring network was expanded in the fourth quarter of 2017 to provide monitoring of the Approved Expansion Area as described in SSD_7065. At present the additional wells (MW05-MW09) have been assessed against background concentrations for the site, however background concentrations for the Expansion Area will be generated for future comparison. Baseline analytical results have identified consistent exceedances of the adopted GAC for Benzene, Toluene and meta and para Xylenes at MW08 and elevated TRH concentrations, also at MW08. For MW08, this is consistent with previous monitoring rounds.

Additional investigations undertaken during the 2018 monitoring period in the areas upgradient and downgradient of MW08 (MW08A and MW08B) indicated that the hydrocarbon impacts at MW08 are localised within fill deposits immediately surrounding MW08 and have been effectively delineated to the north-east and south. These additional wells were not monitored during the 2025 monitoring period and are expected to be decommissioned during development of the Approved Expansion Area which is currently vacant land. If increasing trends continue to be reported at MW08 in future rounds, further investigations may be required.

Stormwater management and monitoring measures implemented at the site have been successful in preventing environmental damage in this reporting period. All stormwater discharged from the site was compliant with the requirements of EPL 20193. Consistent future monitoring of bund water after rainfall events will improve the site's available baseline data and ability to identify trends and issues as well as to identify necessary environmental management measures to improve the environmental performance of the site.

Noise monitoring identified compliance with all site approval documents at all receiver locations.

Truck movements during the reporting period remain well below the MCP limits despite an increase since the previous reporting period (2024) due to increased throughput.

13. References

AECOM (2019), Annual Review – 2018, Stolthaven Bulk Fuel Storage Facility, Mayfield, Rev 1, dated 26 February 2019.

(AECOM, 2025a), Quarterly Groundwater Monitoring Report, Mayfield Bulk Fuel Storage Facility, Q1 February 2025, dated 4 March 2025.

(AECOM, 2025b), Quarterly Groundwater Monitoring Report, Mayfield Bulk Fuel Storage Facility, Q2 May 2025, dated 2 June 2025.

(AECOM, 2025c), Quarterly Groundwater Monitoring Report, Mayfield Bulk Fuel Storage Facility, Q3 August 2024, dated 28 August 2025.

(AECOM, 2025d), Quarterly Groundwater Monitoring Report, Mayfield Bulk Fuel Storage Facility, Q4 November 2025, dated 3 December 2025.

(AECOM, 2025), Stolthaven Bulk Liquids Fuel Storage Facility, Mayfield, Operational Noise Compliance Assessment (2025), doc no. 60326869-RPNV-15_0, dated 27 December 2025.

ANZG 2018, *Australian and New Zealand Guidelines for Fresh and Marine Water Quality.* Australian and New Zealand Governments and Australian state and territory governments, Canberra ACT, Australia.

Australian and New Zealand Environmental Conservation Council (ANZECC & ARMCANZ 2000) *Australian and New Zealand Guidelines for Fresh and Marine Water Quality.*

GHD (2022), Stolthaven Bulk Fuel Storage Facility, Mayfield, Annual Review 2022, dated June 2023.

NEPC (2013) National Environment Protection (Assessment of Site Contamination) Amended Measure (NEPM) No. 1 – Schedule B1, Guideline on Investigation Levels for Soil and Groundwater.

Appendices

Appendix A

Figures

Paper Size ISO A4

0 2 4 6 8 10

Kilometers

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

N

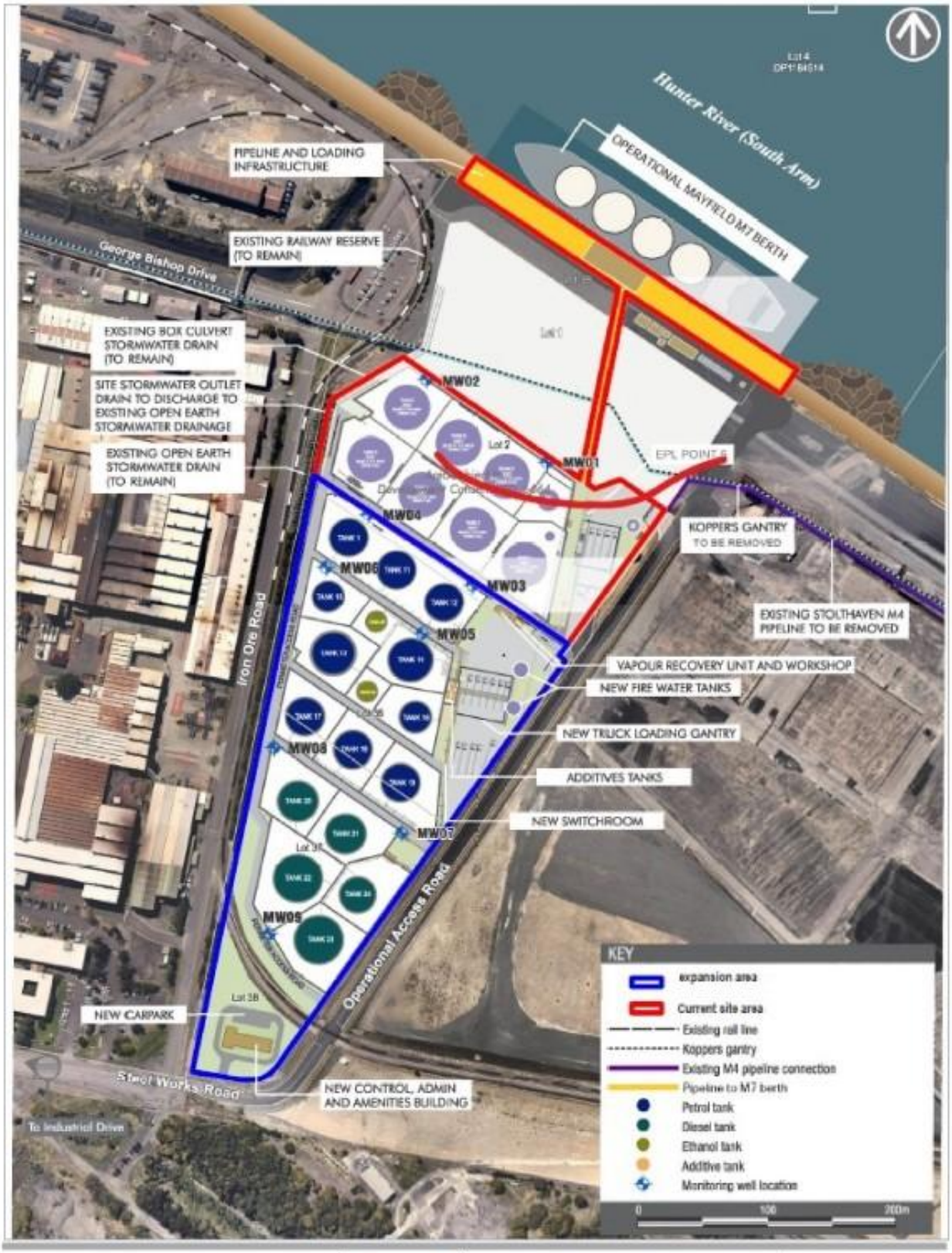
GHD

Stolthaven Australia Pty Ltd
Stolthaven Bulk Fuel Storage Facility
Annual Report 2022

Project No. 12545253
Revision No. 0
Date 02/02/2023

Site location

FIGURE 1


Hunter River (South Arm)
OPERATIONAL MAYFIELD M7 BERTH
PIPELINE AND LOADING INFRASTRUCTURE
EXISTING RAILWAY RESERVE (TO REMAIN)
George Bishop Drive
EXISTING BOX CULVERT STORMWATER DRAIN (TO REMAIN)
SITE STORMWATER OUTLET DRAIN TO DISCHARGE TO EXISTING OPEN EARTH STORMWATER DRAINAGE
EXISTING OPEN EARTH STORMWATER DRAIN (TO REMAIN)
MW01
MW02
MW03
MW04
MW05
MW06
MW07
MW08
MW09
EPL POINT 6
KOPPERS GANTRY TO BE REMOVED
EXISTING STOLTHAVEN M4 PIPELINE TO BE REMOVED
VAPOUR RECOVERY UNIT AND WORKSHOP
NEW FIRE WATER TANKS
NEW TRUCK LOADING GANTRY
ADDITIVES TANKS
NEW SWITCHROOM
Iron Ore Road
Operational Access Road
NEW CARPARK
Steel Works Road
To Industrial Drive
NEW CONTROL, ADMIN AND AMENITIES BUILDING
KEY
expansion area
Current site area
Existing rail line
Koppers gantry
Existing M4 pipeline connection
Pipeline to M7 berth
Petrol tank
Diesel tank
Ethanol tank
Additive tank
Monitoring well location
0
100
200m
Kilometers
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56
N
GHD
Stolthaven Australia Pty Ltd
Stolthaven Bulk Fuel Storage Facility
Annual Report 2022
Project No. 12545253
Revision No. 0
Date 02/02/2023
FIGURE 2

Appendix B

DPHI correspondence letters

Planning, Industry & Environment

Mr Gaetan Amodeo
Compliance & Risk Manager
Stolthaven Australia Pty Ltd
Level 6, 60 Albert Road
South Melbourne, Victoria 3205

Dear Mr Amodeo

Stolthaven Fuel Terminal – Stage 3 (SSD 7065)
Surrender of Development Consent

I refer to your letter dated 23 April 2020 providing formal notice of Stolthaven Australia Pty Ltd's surrender of State significant development (SSD) consent 6664 (as modified), as required by Condition B11 of Schedule B of SSD 7065.

The Department has reviewed the notice of surrender of development consent and is satisfied the information provided addresses the relevant requirements pursuant to clause 97(1) of the Environmental Planning and Assessment Regulation 2000 (EP&A Regulation).

Pursuant to clause 97(2) of the EP&A Regulation, the notice of surrender of development consent takes effect on the date it is received by the consent authority, as such, development consent SSD 6664 is surrendered effective 23 April 2020.

The requirement of Condition B11 of Schedule B of SSD 7065 has now been satisfied.

Should you have any queries, please do not hesitate to contact Olivia Hirst, Environmental Assessment Officer, on (02) 9274 6583 or via Olivia.hirst@planning.nsw.gov.au.

Yours sincerely

C. Ritchie

8 May 2020

Chris Ritchie
Director
Industry Assessments
as delegate of the Planning Secretary

Licence Variation

Licence - 20193

STOLTHAVEN AUSTRALIA PTY LTD
ABN 26 075 030 992 ACN 075 030 992
By email to: r.duckmanton@stolt.com

Attention: Mr Ryan Duckmanton

Notice Number	1635217
File Number	EF13/8175; DOC24/9283
Date	09-Jan-2024

NOTICE OF VARIATION OF LICENCE NO. 20193

BACKGROUND

A. STOLTHAVEN AUSTRALIA PTY LTD ("the licensee") is the holder of Environment Protection Licence No. 20193 ("the licence") issued under the *Protection of the Environment Operations Act 1997* ("the Act"). The licence authorises the carrying out of activities at 103 SELWYN STREET, MAYFIELD NORTH, NSW, 2304 ("the premises").

B. On 5 April 2023, the EPA issued a notice of the 5-year licence review, inviting the licensee to comment or request changes to the conditions of the licence. On 16 May and 27 July 2023, the EPA received correspondence and supporting documents regarding the 5-year licence review requesting the following variations to the licence as summarised below:

- Variation of Condition L2.2 Load Limits to increase the Load Base Limit (LBL) for Benzene from 423 kilograms (kg) to 443 kg and an increase to the LBL for Volatile Organic Compounds (VOC) from 21,469 kg to 21,894 kg. This variation to the LBLs is in response to increasing the diesel throughput from 1,300ML to 1,800ML per annum at the premises.
- Variation of Condition E1.5 to implement a maximum throughput limit of 1,800ML per annum.
- Variation of Condition O6.4 to remove "at least weekly" relating to sewage pumpouts, as the site has installed additional controls. In the licensee's letter dated 27 July 2023, a fortnightly pump out frequency was proposed.

C. The licensee also provided advice from the Department of Planning that under the existing consent the site can operate to a throughput of 1,800ML per annum of combustibles without the need for consent modification.

D. In regard to the proposed increase in LBLs, the EPA assessed the Protection of the Environment Operations (Clean Air) Regulation 2022 (Clean Air Regulation) to determine if the premises requires a Vapour Recovery System (VRS). The Clean Air Regulation requires a VRS to be fitted to large storage tanks where there is "volatile organic liquid" (Part 6 Division 2) or where volatile organic liquid is loaded into tanker trucks (Part 6 Division 4). The only fuel currently stored and handled on-site is diesel. As

diesel does not meet the Clean Air Regulation definition of a volatile organic liquid, the licensee does not meet the legislative requirements to install a VRS.

E. The EPA also reviewed the Air Quality Impact Assessment which assessed the potential air quality impacts associated with increasing throughput to 1,800ML/a and notes that the increase of diesel throughput from 1,300ML to 1,800ML is not predicted to have any significant air quality impacts.

F. The EPA has therefore increased the LBLs for Benzene and VOCs by the small margins requested.

G. The EPA has assessed the licensees request to vary Condition O6.4 and considers a minimum of fortnightly sewage pumpouts is reasonable based on the additional controls installed.

H. An review of the licence was also undertaken as part of the 5-year licence review. The licence review indicated that various other administrative issues with the licence required updating.

I. Variation of this licence does not authorise a significant increase in environmental impacts of the activity authorised or controlled by the licensee.

VARIATION OF LICENCE NO. 20193

1. By this notice the EPA varies licence No. 20193. The attached licence document contains all variations that are made to the licence by this notice.
2. The following variations have been made to the licence:
   - Condition L2.2 - Varied - Updated Benzene limits presented in the table from 423 to 443 kg and the Volatile Organic Compounds limit from 21,469 to 21,894 kg.
   - Condition O6.4 - Varied - "At lease weekly" has been changed to "at least fortnightly".
   - Note presented in Condition M3.1 - Varied - "Protection of the Environment Operations (Clean Air) Regulation 2010" Changed to "Protection of the Environment Operations (Clean Air) Regulation 2022".
   - Note presented in Condition M4 - Varied - "Division 3 of the Protection of the Environment Operations (General) Regulation 2009" Changed to Division 4 "Protection of the Environment Operations (General) Regulation 2022".
   - Condition E1.3, E1.4 and E.15 - Varied - updated email address presented to read "info@epa.nsw.gov.au".
   - Condition E1.5 - Varied - changed "1,300ML" to "1,800ML". A Note has also been added to make clear the reasoning behind this limit.

.....

Peter Jamieson

Head Regional Operations Unit

Environment Protection Authority

(by Delegation)

INFORMATION ABOUT THIS NOTICE

- This notice is issued under section 58(5) of the Act.
- Details provided in this notice, along with an updated version of the licence, will be available on the EPA's Public Register (http://www.epa.nsw.gov.au/prpoeo/index.htm) in accordance with section 308 of the Act.

Appeals against this decision

- You can appeal to the Land and Environment Court against this decision. The deadline for lodging the appeal is 21 days after you were given notice of this decision.

When this notice begins to operate

- The variations to the licence specified in this notice begin to operate immediately from the date of this notice, unless another date is specified in this notice.
- If an appeal is made against this decision to vary the licence and the Land and Environment Court directs that the decision is stayed the decision does not operate until the stay ceases to have effect or the Land and Environment Court confirms the decision or the appeal is withdrawn (whichever occurs first).

Environment Protection Licence

Licence - 20193

Licence Details	
Number:	20193
Anniversary Date:	11-October

Licensee
STOLTHAVEN AUSTRALIA PTY LTD
PO BOX 304
WICKHAM NSW 2293

Premises
MAYFIELD FUEL TERMINAL
103 SELWYN STREET
MAYFIELD NORTH NSW 2304

Scheduled Activity
Chemical storage
Shipping in bulk

Fee Based Activity	Scale
Petroleum products storage	> 100000 kL storage capacity
Shipping in bulk	> 500000 T of annual capacity to load and unload

Contact Us
NSW EPA
6 Parramatta Square
10 Darcy Street
PARRAMATTA NSW 2150
Phone: 131 555
Email: info@epa.nsw.gov.au
Locked Bag 5022
PARRAMATTA NSW 2124

Environment Protection Licence

Licence - 20193

Environment Protection Licence

Environment Protection Licence

Information about this licence

Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).

Environment Protection Licence

The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

This licence is issued to:

STOLTHAVEN AUSTRALIA PTY LTD
PO BOX 304
WICKHAM NSW 2293

subject to the conditions which follow.

Environment Protection Licence

Licence - 20193

1 Administrative Conditions

A1 What the licence authorises and regulates

A1.1 This licence authorises the carrying out of the scheduled development work listed below at the premises listed in A2:
Expansion of the facility in accordance with Development Consent SSD_7065 granted on 15 December 2016 under the Environmental Planning and Assessment Act 1979 (Stage 3).

A1.2 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Chemical storage	Petroleum products storage	> 100000 kL storage capacity
Shipping in bulk	Shipping in bulk	> 500000 T of annual capacity to load and unload

A1.3 The available storage capacity of tank farm must not exceed 131 ML.

A1.4 With the exception of the following tanks, the licensee must not store flammable liquids, as classified under the *Australian Code for the Transport of Dangerous Goods by Road and Rail*, in bulk at the premises.
(i) The 30,000 litre Slops Tank (UN 1268) identified on site as "SL1"; and
(ii) The 50,000 litre Additive Tank (UN 3082) identified on site as "AT1".

Note: It is the EPA's intention to amend conditions A1.3 and A1.4 once the Stage 3 construction works are completed.

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
MAYFIELD FUEL TERMINAL
103 SELWYN STREET
MAYFIELD NORTH
NSW 2304

Environment Protection Licence

LOT 36 DP1191723, LOT 37 DP1191723, LOT 38 DP1191723 AND LOT 39 DP1191723 (GENERALLY SHADED IN BLUE), LOT 2 DP1177466 (GENERALLY SHADED IN GREEN), AND THE AREA MARKED AS "PROPOSED LEASE AREA" (WITHIN THE RECTANGULAR RED LINED AREA WITH CORNER POINTS 80, 81, 113 AND 83 AND GENERALLY REFERRED TO AS THE MAYFIELD NO. 7 WHARF) ON THE PLAN TITLED "GENERAL LAYOUT STAGES 1, 2 AND 3", PREPARED BY AURECON, REVISION J, DATED 29/01/2020 (EPA REFERENCE DOC20/74895) HEREAFTER IN THE LICENCE REFERRED TO AS "THE PLAN".

A2.2 The premises, to which the licence applies, also includes the following:
a) The flexible pipeline whenever connecting the fixed pipeline at the Mayfield No. 7 Wharf (marked and shown as Points "96" and "97" on the Plan) and any vessel berthed at the Mayfield No. 7 Berth for the purpose of the import/export of petroleum products.
b) The pipe rack and associated infrastructure under the care and control of the Licensee within the area marked as "Koppers Pipeline Corridor" (shown in pink hatching) on The Plan.
c) The licence excludes the Koppers Carbon Materials & Chemicals Pty Ltd (Koppers) tar & pitch pipelines and associated infrastructure that Koppers have management and control of within the area marked as "Koppers Pipeline Corridor" (shown in pink hatching) on The Plan.

A3 Information supplied to the EPA

A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

In this condition the reference to "the licence application" includes a reference to:
a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

P1.1 The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.

Air

EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
15	Discharge to air Air emissions monitoring	Discharge to air Air emissions monitoring	Vapour recovery unit - location to be advised with an updated plan of the premises prior to commissioning.

P1.2 The following points referred to in the table are identified in this licence for the purposes of the monitoring

and/or the setting of limits for discharges of pollutants to water from the point.

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
1	Groundwater monitoring		Groundwater Monitoring Well No. 1 shown as Point "49" marked on the Plan.
2	Groundwater monitoring		Groundwater Monitoring Well No. 2 shown as Point "50" marked on the Plan.
3	Groundwater monitoring		Groundwater Monitoring Well No. 3 shown as Point "51" marked on the Plan.
4	Groundwater monitoring		Groundwater Monitoring Well No. 4 shown as Point "52" marked on the Plan.
5	Discharge to waters Discharge quality monitoring Volume Monitoring	Discharge to waters Discharge quality monitoring Volume Monitoring	Discharge from the Collection Pit shown as Point "15" marked on the Plan.
16	Groundwater monitoring		Groundwater Monitoring Well No. 5 shown as Point "91" marked on the Plan.
17	Groundwater monitoring		Groundwater Monitoring Well No. 6 shown as Point "92" marked on the Plan.
18	Groundwater monitoring		Groundwater Monitoring Well No. 7 shown as Point "93" marked on the Plan.
19	Groundwater monitoring		Groundwater Monitoring Well No. 8 shown as Point "94" marked on the Plan.
20	Groundwater monitoring		Groundwater Monitoring Well No. 9 shown as Point "95" marked on the Plan.

P1.3 The following points referred to in the table below are identified in this licence for the purposes of weather and/or noise monitoring and/or setting limits for the emission of noise from the premises.

Noise/Weather

EPA identification no.	Type of monitoring point	Location description
6	Meteorological Station	Weather Station shown as Point "58" marked on the Plan.

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3 Limit Conditions

L1 Pollution of waters

L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.

L2 Load limits

L2.1 The actual load of an assessable pollutant discharged from the premises during the reporting period must not exceed the load limit specified for the assessable pollutant in the table below.

Note: An assessable pollutant is a pollutant which affects the licence fee payable for the licence.

L2.2 The actual load of an assessable pollutant must be calculated in accordance with the relevant load calculation protocol.

Assessable Pollutant	Load limit (kg)
Benzene (Air)	443.00
Volatile organic compounds (Air)	21894.00

L3 Concentration limits

L3.1 For each monitoring/discharge point or utilisation area specified in the table/s below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.

L3.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.

L3.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table\s.

L3.4 Air Concentration Limits

POINT 15

Pollutant	Units of measure	100 percentile concentration limit	Reference conditions	Oxygen correction	Averaging period
Organic vapours	Measure 1	10			4 hours

L3.5 Water and/or Land Concentration Limits

Environment Protection Licence

POINT 5

Pollutant	Units of Measure	50 Percentile concentration limit	90 Percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Dissolved Oxygen	milligrams per litre				>2
Oil and Grease	milligrams per litre				10
pH	pH				6.5-8.5
TSS	milligrams per litre				30

Note: For the purpose of the table(s) above Measure 1 means where organic vapours are recovered, the total concentration of unrecovered vapour emitted to the atmosphere during any continuous period of four hours must not exceed 10 milligrams per litre of volatile organic liquid passing out of the plant during that period.

L4 Waste

L4.1 The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by the licence.

L4.2 This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the premises if those activities require an environment protection licence.

L5 Noise limits

L5.1 Noise generated at the premises must not exceed the noise limits specified in the table below:

Location	Day - LAeq (15 minute)	Evening - LAeq (15 minute)	Night - LAeq (15 minute)	Night - LA1(1 minute)
R1 - 1 Arthur Street, Mayfield	35	35	35	45
R2 - 52 Arthur Street, Mayfield	35	35	35	48
R3 - 2 Crebert Street, Mayfield	41	41	41	49
R4 - 21 Crebert Street, Mayfield	40	40	40	47
R5 - 24 Crebert Street, Mayfield	42	42	42	51

R6 - 30 Crebert Street, Mayfield	41	41	41	50
R7 - 50 Crebert Street, Mayfield	35	35	35	50
R8 - 2 McNeil Close, Mayfield	35	35	35	48

Note: The locations of the receptors listed in the table above in condition L5.1 are identified in Figure 2 and Table 2 of document titled 'Noise and Vibration Impact Assessment - Stolthaven Mayfield Bulk Terminal - SSD_7056", prepared by AECOM Australia Pty Ltd, dated 19 February 2016 (EPA ref. DOC16/187092-11).

L5.2 Fire pumps at the premises must be designed and operated so that noise from routine testing or maintenance is not more than LAeq (15min) 53dB(A) at the most affected residential or sensitive receiver. Routine testing or maintenance must only occur during the day time.

L5.3 For the purpose of conditions L5.1 and L5.2:

(a) Day is defined as the period from 7am to 6pm Monday to Saturday and 8am to 6pm Sundays and Public Holidays;
(b) Evening is defined as the period from 6pm to 10pm; and
(c) Night is defined as the period from 10pm to 7am Monday to Saturday and 10pm to 8am Sundays and Public Holidays.

L5.4 During construction, noise generated at the premises must not exceed:

(a) 53 dB(A) as LAeq(15min) at receptors R1, R2, R3, R4, R5, R6, R7, and R8;
(b) 54 dB(A) as LAeq(15min) at receptor R9 (32 Elizabeth Street, Carrington);
(c) 57 dB(A) as LAeq(15min) at receptor R10 (186 Fullerton Road, Stockton); and
(d) 55 db(A) as LAeq(15min) at the R11 (Mayfield East Public School).

Note: Unless otherwise specified, the locations of the receptors are defined in condition L5.1.

L5.5 The noise limits specified in conditions L5.1, L5.2 and L5.4 apply under all meteorolgical conditions except for any of the following:

(a) Wind speeds greater than 3 metres/second at 10 metres above ground level; or
(b) Stability category F temperature inversion conditions and wind speeds greater than 2 metres/second at 10 metres above ground level; or
(c) Stability category G temperature inversion conditions.

L5.6 For the purpose of condition L5.5:
(a) Data recorded by the weather station on the premises must be used to determine meteorological conditions; and
(b) Temperature inversion conditions (stability category) are to be determined by the sigma-theta method referred to in Part E4 of Appendix E of the NSW Industrial Noise Policy.

L5.7 To determine compliance:

(a) with the LAeq(15 minute) noise limits in conditions L5.1, L5.2 and L5.4, the noise measurement equipment must be located:
(i) approximately on the property boundary, where any dwelling is situated 30 metres or less from the property

boundary closest to the premises; or
(ii) within 30 metres of a dwelling façade, but not closer than 3 metres, where any dwelling on the property is situated more than 30 metres from the property boundary closest to the premises; or, where applicable
(iii) within approximately 50 metres of the boundary of a National Park or a Nature Reserve;
(b) with the LA1(1 minute) noise limits in condition L5.1, the noise measurement equipment must be located within 1 metre of a dwelling façade;
(c) with the noise limits in conditions L5.1, L5.2 and L5.4, the noise measurement equipment must be located:
(i) at the most affected point at a location where there is no dwelling at the location; or
(ii) at the most affected point within an area at a location prescribed by conditions L5.7(a) or L5.7(b).

L5.8 A non-compliance with conditions L5.1, L5.2 and L5.4 will still occur where noise generated from the premises in excess of the appropriate limit is measured:

(a) at a location other than an area prescribed by conditions L5.7(a) and L5.7(b); and/or
(b) at a point other than the most affected point at a location.

L5.9 For the purposes of determining the noise generated at the premises, the modification factors in Section 4 of the NSW Industrial Noise Policy must be applied, as appropriate, to the noise levels measured by the noise monitoring equipment.

Note: Definition of Terms

- NSW Industrial Noise Policy - the document titled "New South Wales Industrial Noise Policy" published by the EPA in January 2000.
- Noise - "sound pressure levels" for the purposes of conditions L5.1 to L5.9.

L6 Hours of operation

L6.1 Construction work association with the expansion project may be undertaken:

(a) between 7:00am and 6:00pm, Mondays to Fridays; and
(b) between 8:00am and 1:00pm on Saturdays;

however must not be undertaken on Sundays or Public Holidays.

L6.2 Construction work associated with the expansion project may be undertaken outside the hours specified in condition L6.1 if it is:

(a) Construction that causes LAeq (15min) noise levels that are:
(i) No more than 5dB above the Rating Background Level at any residence in accordance with the *Interim Construction Noise Guideline* (DECC, 2009); and
(ii) No more than the Noise Management Levels specified in Table 3 of the *Interim Construction Noise Guideline* (DECC, 2009) at other sensitive land uses; or

(b) for the delivery of materials required by the Police or other authorities for safety reasons; or

(c) required for an emergency to avoid the loss of lives, property and/or to prevent environmental harm; or

(d) approved through processes under the relevant Development Consent.

L7 Potentially offensive odour

L7.1 No condition of this licence identifies a potentially offensive odour for the purposes of Section 129 of the Protection of the Environment Operations Act 1997.

L7.2 The licensee must not cause or permit the emission of offensive odour beyond the boundary of the premises.

Note: Section 129 of the Protection of the Environment Operations Act 1997, provides that the licensee must not cause or permit the emission of any offensive odour from the premises but provides a defence if the emission is identified in the relevant environment protection licence as a potentially offensive odour and the odour was emitted in accordance with the conditions of a licence directed at minimising odour.

L8 Other limit conditions

L8.1 The stack used to vent emissions from truck filling activities must be a minimum of 15 metres in height.

L8.2 The exit velocity of emissions from the stack used to vent emissions from truck filling activities must exceed 15 metres per second at all times.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

O1.1 Licensed activities must be carried out in a competent manner.
This includes:
a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

O2 Maintenance of plant and equipment

O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:
a) must be maintained in a proper and efficient condition; and
b) must be operated in a proper and efficient manner.

O3 Dust

O3.1 The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.

O3.2 All operations and activities occurring at the premises must be carried out in a manner that will minimise the emission of dust from the premises.

O3.3 Trucks entering and leaving the premises that are carrying loads of dust generating materials must have their loads covered at all times, except during loading and unloading.

O4 Emergency response

Note: The licensee must maintain, and implement as necessary, a current Pollution Incident Response Management Plan (PIRMP) for the premises. The PIRMP must be developed in accordance with the requirements in Part 5.7A of the Protection of the Environment Operations (POEO) Act 1997 and POEO regulations. The licensee must keep the incident response plan on the premises at all times. The incident response plan must document systems and procedures to deal with all types of incidents (e.g. spills, explosions or fire) that may occur at the premises or that may be associated with activities that occur at the premises and which are likely to cause harm to the environment. The PIRMP must be tested at least annually or following a pollution incident.

O5 Processes and management

O5.1 All above ground tanks containing material that is likely to cause environmental harm must be bunded or have an alternative spill containment system in place.

O5.2 Bunds must:
a) have walls and floors constructed of impervious materials;
b) be of sufficient capacity to contain 110% of the volume of the tank (or 110% volume of the largest tank where a group of tanks are installed);
c) have floors graded to a collection sump; and
d) not have a drain valve incorporated in the bund structure,

or be constructed and operated in a manner that achieves the same environmental outcome.

O6 Waste management

O6.1 The licensee must ensure that any liquid and/or non liquid waste generated and/or stored at the premises is assessed and classified in accordance with the EPA's Waste Classification Guidelines as in force from time to time.

O6.2 The licensee must ensure that waste identified for recycling is stored separately from other waste.

O6.3 The licensee must not land apply or dispose sewage at the the premises.

O6.4 All wastewater generated on the premises must be collected and removed from the premises by a licensed waste transporter and taken to a facility that is able to lawfully receive it and reuse or dispose of it. The collected sewage must be pumped out at least fortnightly, or more frequently as required, to prevent discharges from the collection tank.

O7 Other operating conditions

Petroleum Product Pipeline Integrity and Pressure Testing

O7.1 The licensee must conduct annual integrity testing on the petroleum product pipeline extending between the tank farm and the Mayfield No. 7 Berth, according to the documents titled: 'Wharfline Integrity Checks - SHNC-OPS-004.04' dated October 2017; and 'Work Instruction Wharfline Integrity Checks - SHNC-OPS-004.04' dated October 2017 (as amended).

Note: The licensee must conduct surveillance checks on the pipeline prior to the commencement of and during transfer operations of any petroleum products.

O7.2 The licensee must conduct leak testing of the petroleum products pipeline extending from the main tank farm to the Mayfield No. 7 Berth, prior to each transfer of product operation.

O7.3 The licensee must maintain a register for all integrity and pressure tests conducted on the pipeline extending from the tank farm to the Mayfield No. 7 Berth.

5 Monitoring and Recording Conditions

M1 Monitoring records

M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.

M1.2 All records required to be kept by this licence must be:
a) in a legible form, or in a form that can readily be reduced to a legible form;
b) kept for at least 4 years after the monitoring or event to which they relate took place; and
c) produced in a legible form to any authorised officer of the EPA who asks to see them.

M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
a) the date(s) on which the sample was taken;
b) the time(s) at which the sample was collected;
c) the point at which the sample was taken; and
d) the name of the person who collected the sample.

M2 Requirement to monitor concentration of pollutants discharged

M2.1 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:

M2.2 Air Monitoring Requirements

Environment Protection Licence

POINT 15

Pollutant	Units of measure	Frequency	Sampling Method
Organic vapours	milliequivalents per litre	Special Frequency 1	TM-20

M2.3 Water and/ or Land Monitoring Requirements

POINT 1,2,3,4,16,17,18,19,20

Pollutant	Units of measure	Frequency	Sampling Method
BTEX	milligrams per litre	Quarterly	Representative sample
pH	pH	Quarterly	Representative sample
Standing Water Level	metres	Quarterly	In situ
Total petroleum hydrocarbons	milligrams per litre	Quarterly	Representative sample

POINT 5

Pollutant	Units of measure	Frequency	Sampling Method
Dissolved Oxygen	milligrams per litre	Weekly during any discharge	Grab sample
Oil and Grease	milligrams per litre	Weekly during any discharge	Grab sample
pH	milligrams per litre	Weekly during any discharge	Grab sample
Total suspended solids	milligrams per litre	Weekly during any discharge	Grab sample

Note: For the purpose of the table(s) above Special Frequency 1 means the collection of a single four hour (continuous) sample on a quarterly basis - once the vapour recovery unit is first commissioned. The sample must be representative of the predicted maximum concentrations of organic vapours released from the Point during the quarterly period. Frequency of monitoring may be subject to review following the initial 12 months of operation.

M3 Testing methods - concentration limits

M3.1 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:
a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or

c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2022* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

M3.2 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

M4 Testing methods - load limits

Note: Division 4 of the *Protection of the Environment Operations (General) Regulation 2022* requires that monitoring of actual loads of assessable pollutants listed in L2.2 must be carried out in accordance with the relevant load calculation protocol set out for the fee-based activity classification listed in the Administrative Conditions of this licence.

M5 Weather monitoring

M5.1 At the point(s) identified below, the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1 of the table below, using the corresponding sampling method, units of measure, averaging period and sampling frequency, specified opposite in the Columns 2, 3, 4 and 5 respectively.

POINT 6

Parameter	Sampling method	Units of measure	Averaging period	Frequency
Temperature at 2 metres	AM-4	degrees Celsius	1 hour	Continuous
Temperature at 10 metres	AM-4	degrees Celsius	1 hour	Continuous
Wind Direction at 10 metres	AM-2 & AM-4	Degrees	15 minutes	Continuous
Wind Speed at 10 metres	AM-2 & AM-4	metres per second	15 minutes	Continuous
Sigma theta	AM-2 & AM-4	Degrees	15 minutes	Continuous
Total Solar Radiation	AM-4	Watts per square metre	15 minutes	Continuous
Rainfall	AM-4	millimetres	24 hours	Continuous
Siting	AM-2 & AM-4	-	-	-

M6 Recording of pollution complaints

M6.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.

M6.2 The record must include details of the following:
a) the date and time of the complaint;
b) the method by which the complaint was made;
c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
d) the nature of the complaint;
e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
f) if no action was taken by the licensee, the reasons why no action was taken.

M6.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M6.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M7 Telephone complaints line

M7.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

M7.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.

M7.3 The preceding two conditions do not apply until 3 months the date of the issue of this licence.

M7.4 The licensee must nominate a representative of the company who is available all all times and is capable of providing immediate assistance or response during emergencies or any other incidents at the premises. The name of the nominated representative and their contact details, including a telephone number, must be current at all times.
Note: This condition does not apply until two (2) weeks after the date of issue of this licence.

M8 Requirement to monitor volume or mass

M8.1 For each discharge point or utilisation area specified below, the licensee must monitor:
a) the volume of liquids discharged to water or applied to the area;
b) the mass of solids applied to the area;
c) the mass of pollutants emitted to the air;
at the frequency and using the method and units of measure, specified below.

POINT 5

Frequency	Unit of Measure	Sampling Method

Continuous during discharge	megalitres per day	Special Method 1

Note: Special Method 1 refers to EPA 2004 'Approved methods for the sampling and analysis of water pollutants in New South Wales' dependant upon whether insitu channel or insitu pipe sampling is required.

M9 Other monitoring and recording conditions

Noise monitoring

M9.1 To assess compliance with Condition L5.1, attended noise monitoring must be undertaken in accordance with Condition L5.7 and:

a) at each one of the locations listed in Condition L5.1;
b) occur annually during the licensed reporting period;
c) occur during each day, evening and night period as defined in the NSW Industrial Noise Policy for a minimum of:
(i) 1.5 hours during the day;
(ii) 30 minutes during the evening; and
(iii) 1 hour during the night;
d) occur for three consecutive operating days.

Recording changes in wharf occupation

M9.2 The licensee must record details of when (i.e. time and date) the occupation of the Mayfield No. 7 Wharf is temporarily transferred to another person, and also when the occupation is transferred back to the licensee. These records must be made immediately prior to the transfer to the person, and immediately after the transfer back to the licensee. The licensee must record the name and telephone contact of the person that the wharf is transferred to.

6 Reporting Conditions

R1 Annual return documents

R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:

1. a Statement of Compliance,
2. a Monitoring and Complaints Summary,
3. a Statement of Compliance - Licence Conditions,
4. a Statement of Compliance - Load based Fee,
5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.

R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

R1.3 Where this licence is transferred from the licensee to a new licensee:
a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:
a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect *EPA* or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

R1.6 Where the licensee is unable to complete a part of the Annual Return by the due date because the licensee was unable to calculate the actual load of a pollutant due to circumstances beyond the licensee's control, the licensee must notify the EPA in writing as soon as practicable, and in any event not later than the due date. The notification must specify:
a) the assessable pollutants for which the actual load could not be calculated; and
b) the relevant circumstances that were beyond the control of the licensee.

R1.7 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

R1.8 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:
a) the licence holder; or
b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

R2 Notification of environmental harm

R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which they became aware of the incident.

R3 Written report

R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:
a) where this licence applies to premises, an event has occurred at the premises; or
b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence,
and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.

R3.3 The request may require a report which includes any or all of the following information:
a) the cause, time and duration of the event;
b) the type, volume and concentration of every pollutant discharged as a result of the event;
c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
g) any other relevant matters.

R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

R4 Other reporting conditions

Noise compliance assessment report

R4.1 A noise compliance assessment report detailing the attended noise monitoring undertaken under Condition M5.1 must be submitted to the EPA with the Annual Return each year. The assessment must be prepared by a suitably qualified and experienced acoustical consultant and include:
a) an assessment of compliance with the noise limits detailed in Condition L5.1; and
b) an outline of any management actions proposed to be undertaken at address any exceedances of the noise limits detailed in Condition L5.1.

7 General Conditions

G1 Copy of licence kept at the premises or plant

G1.1 A copy of this licence must be kept at the premises to which the licence applies.

G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.

G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

G2 Signage

G2.1 The petroleum product pipelines extending between the main tank farm and the Mayfield No. 7 Berth must:

(a) Be identified in accordance with Australian Standard AS1345-2008: 'Identification of the contents of pipes, conduits and ducts'; and
(b) Have pipe markers that include the name of the licensee and emergency contact details of the licensee.

8 Special Conditions

E1 Vapour Recovery Unit

E1.1 A Vapour Recovery Unit (VRU) must be installed and commissioned at the premises prior to the bulk storage of any Class 3, Flammable Liquid Dangerous Goods (excluding from the generation of Slops).

E1.2 The Vapour Recovery Unit (VRU) must be designed, constructed, commissioned, operated and maintained at the premises to reduce the emission of volatile organic compounds (VOCs), including benzene, to the atmosphere from vehicle loading operations in respect of the Vehicle Fill Gantries (VFG). The VRU must include the following control equipment:

(a) A vapour collection system by which all vapour displaced from tanks during bulk road vehicle loading operations is collected and conveyed to a vapour recovery system through vapour lines having an internal diameter of not less than 65 percent of the largest fill-line used for connection to the delivery tank.

(b) An interlock system that prevents the loading of a delivery tank unless:
(i) the vapour collection system is first connected to that tank; or
(ii) the interlock system forms part of industrial plant used only for loading delivery tanks that are themselves fitted with such an interlock system.

(c) Fittings on all liquid and vapour lines that make vapour-tight connections with the respective mating fittings on the delivery tank and that close automatically when disconnected.

(d) The vapour recovery system is constructed so that the vapour resulting from loading operations is recovered, so that the concentration of unrecovered vapour emitted to the atmosphere during any period of four hours does not exceed 10 milligrams per litre of volatile organic liquid passing out of the plant during that period.

E1.3 The licensee must provide written notification to the EPA within seven days of commissioning the VRU. Notification must be provided to the EPA's Director - Hunter at PO Box 488G, Newcastle NSW 2300, or by email to info@epa.nsw.gov.au.

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E1.4 The licensee must provide written notification to the EPA at least one month prior to receiving and storing any Class 3, Flammable Liquid Dangerous Goods (excluding in respect of additives and slops in tanks "SL1" and AT1"). Notification must be provided to the EPA's Director - Hunter at PO Box 488G, Newcastle NSW 2300, or by email to info@epa.nsw.gov.au.

E1.5 The licensee must provide written notification to the EPA within seven days if, and when, the annual throughput of petroleum products at the premises in the reporting period exceeds 1,800ML. Notification must be provided to the EPA's Director - Hunter at PO Box 488G, Newcastle NSW 2300, or by email to info@epa.nsw.gov.au.

Note: This condition has been applied as the air quality impacts of the premises have been assessed up to a limit of 1800 ML/a throughput. Any higher throughput would need to be assessed to determine if a Vapour Recovery Unit needs to be installed at the premises.

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Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.
COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

Environment Protection Licence

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flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environmen t Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder describe d at the front of this licence
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution of waters [or water pollution]	Has the same me aning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 mo nths. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the *Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales*.

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TSP	Means total suspended particles
TSS	Means total suspended solids
Type 1 substance	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
Type 2 substance	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
utilisation area	Means any area shown as a utilisation area on a map submitted with the application for this licence
waste	Has the same meaning as in the Protection of the Environment Operations Act 1997
waste type	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non-putrescible), special waste or hazardous waste
Wellhead	Has the same meaning as in Schedule 1 to the Protection of the Environment Operations (General) Regulation 2021.

Mr Mark Hartwell

Environment Protection Authority

(By Delegation)

Date of this edition: 11-October-2013

Environment Protection Licence

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End Notes

2	Licence varied by notice	1524251 issued on 28-Aug-2014
3	Licence varied by notice	1530040 issued on 14-May-2015
4	Licence varied by notice	1532172 issued on 27-Aug-2015
5	Licence varied by notice	1533689 issued on 02-Oct-2015
6	Licence varied by notice	1536191 issued on 03-Dec-2015
7	Licence varied by notice	1539980 issued on 22-Apr-2016
8	Licence varied by notice	1548417 issued on 15-Mar-2017
9	Licence varied by notice	1550506 issued on 11-Apr-2017
10	Licence varied by notice	1555054 issued on 28-Aug-2017
11	Licence varied by notice	1567916 issued on 14-Sep-2018
12	Licence varied by notice	1587230 issued on 31-Jan-2020
13	Licence varied by notice	1611736 issued on 27-Aug-2021

Appendix C

Stormwater Monitoring

First Flush Results (Max Capacity 38,500 Litres)

		Samples Collected:	Samples Tested:	Dissolved Oxygen (mg/L)	Oil and Grease (mg/L)	pH	Total Suspended Solids (TSS)	Volume (L)	Comments
2025	283	1/09/2025	1/09/2025	8.40	< 2	8.84	19	0	No release - recirculate and more rain added to pit re -test
	284	14.01.2025	14.01.2025	8.20	3	7.65	6	30,000	Released 17.01.2025
	285	29.01.2025	29.01.2025	7.73	< 2	7.61	18	30,000	Released 04.01.2025
	286	2/10/2025	2/11/2025	7.60	< 2	7.49	25	30,000	Released 17.02.2025
	287	3/04/2025	3/04/2025	7.90	< 2	7.46	26	30,000	Released 06.02.2025
	288	3/10/2025	3/10/2025	6.30	< 2	7.03	16	30,000	Released 12.03.2025
	289	24.03.2025	24.03.2025	7.40	< 2	7.22	5	30,000	Released 26.03.2025
	290	31.03.2025	31.03.2025	8.20	< 2	7.48	23	30,000	Released 02.03.2025
	291	15.04.2025	15.04.2025	7.00	< 2	7.15	6	15,000	Released 17.04.2025
	292	12.05.2025	12.05.2025	8.70	< 2	7.46	22	30,000	Released 14.05.2025
	293	16.05.2025	16.05.2025	8.80	3	7.76	14	30,000	Released 20.05.2025
	294	27.05.2025	27.05.2025	9.10	2	7.50	57	30,000	Failed on TSS needs recirc and re-test
	295	29.05.2025	29.05.2025	9.00	< 2	7.20	5	30,000	Released 29.05.2025
	296	04.06.2025	05.06.2025	7.50	< 2	7.03	5	30,000	Results delayed by ALS not issued until late PM 06 Jun - release started 09 Jun
	297	30.06.2025	30.06.2025	7.20	< 2	6.97	5	30,000	Released 02.07.2025
	298	22.07.2025	22.07.2025	7.00	< 2	6.89	5	30,000	released 24.7.2025
	299	31.07.2025	31.07.2025	7.30	< 2	7.12	5	30,000	released 04.07.2025
	300	08.08.2025	08.08.25	7.10	< 2	6.92	5	30,000	released 12.08.25
	301	18.08.2025	18.08.2025	9.00	< 2	7.08	5	30,000	released 20.08.2025
	302	22.08.2025	22.08.2025	8.50	< 2	7.19	5	30,000	released on 27.08.2025
	303	09.09.2025	10.09.2025	8.80	< 2	7.08	5	30,000	released on 12.09.2025
	304	23.09.2025	23.09.2025	6.40	< 2	7.22	5	30,000	released on 26.09.2025
	305	29.10.2025	29.10.2025	9.00	< 2	6.94	5	30,000	released on 03.10.2025
	306	27.11.2025	27.11.2025	8.60	< 2	7.79	5	30,000	released on 01.12.2025
	307	17.11.2025	17.11.2025	8.60	< 2	7.49	5	30,000	results rec'd late PM 19.12. Released 22.12.2025

Appendix D

Hourly Truck Movements

REPORTING PERIOD: January

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	20	26	36	38	26	21	23	24	26	21	29	25
Bay 2	20	28	36	30	36	22	19	30	23	19	31	27
Bay 3	37	34	44	36	35	33	31	37	35	35	36	42
Bay 4	23	27	42	25	27	21	24	33	30	22	29	32
Total	**100**	**115**	**158**	**129**	**124**	**97**	**97**	**124**	**114**	**97**	**125**	**126**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	34	38	39	29	17	9	14	22	14	14	14	3
Bay 2	37	39	41	27	16	10	16	17	19	16	17	4
Bay 3	46	43	47	40	22	22	24	27	28	23	16	12
Bay 4	35	32	45	27	15	15	11	19	11	14	12	4
Total	**152**	**152**	**172**	**123**	**70**	**56**	**65**	**85**	**72**	**67**	**59**	**23**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/01/2025	5	4	8	3	3	3	1	3	4	2	1	1
2/01/2025	8	2	6	1	3	8	0	7	3	3	3	4
3/01/2025	1	2	9	5	6	4	4	5	6	1	2	1
4/01/2025	4	5	2	6	3	2	3	3	2	2	5	2
5/01/2025	2	4	9	3	1	3	1	6	3	1	2	5
6/01/2025	8	5	6	2	8	2	4	5	3	6	3	4
7/01/2025	1	5	6	3	3	5	4	8	7	4	2	6
8/01/2025	1	2	7	0	2	4	1	4	4	4	3	2
9/01/2025	2	4	3	4	7	1	0	4	2	2	7	2
10/01/2025	2	5	6	6	1	3	6	6	4	2	3	2
11/01/2025	1	4	1	5	3	0	4	2	1	0	4	4
12/01/2025	5	4	3	2	2	4	1	2	3	3	6	5
13/01/2025	4	4	5	4	3	3	4	4	3	3	6	5
14/01/2025	4	2	4	6	3	6	3	3	2	4	6	6
15/01/2025	2	1	8	7	9	1	4	5	8	7	6	5
16/01/2025	1	3	6	9	7	2	6	4	4	5	7	3
17/01/2025	4	1	1	7	0	2	1	1	5	1	3	2
18/01/2025	2	7	1	3	0	0	2	2	1	0	3	3
19/01/2025	3	4	1	3	2	2	0	0	1	3	3	2
20/01/2025	1	5	3	1	3	2	1	5	0	2	3	4
21/01/2025	4	5	3	3	5	5	3	4	5	4	4	2
22/01/2025	4	5	7	7	5	4	5	5	5	4	8	6
23/01/2025	2	5	7	5	3	2	2	3	6	6	7	7
24/01/2025	5	5	9	5	4	6	5	8	3	5	2	4
25/01/2025	3	3	5	4	4	2	2	2	2	3	2	7
26/01/2025	7	3	4	1	0	5	4	2	4	4	0	8
27/01/2025	2	6	6	3	5	1	6	4	3	3	4	2
28/01/2025	1	2	7	6	7	2	6	3	4	3	4	6
29/01/2025	6	4	2	5	8	5	8	4	5	4	3	6
30/01/2025	2	2	5	5	7	5	4	3	7	4	5	5
31/01/2025	3	2	8	5	7	3	2	7	4	2	8	5
Total	**100**	**115**	**158**	**129**	**124**	**97**	**97**	**124**	**114**	**97**	**125**	**126**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/01/2025	4	6	8	3	3	1	2	2	2	3	2	0
2/01/2025	6	5	9	5	0	5	0	0	5	3	0	0
3/01/2025	2	5	9	5	2	2	3	3	3	1	2	0
4/01/2025	3	5	6	4	0	1	4	2	1	2	0	0
5/01/2025	5	7	0	2	0	4	2	4	1	1	0	0
6/01/2025	7	7	3	2	4	1	1	5	1	1	2	2
7/01/2025	8	5	9	4	2	0	4	4	0	2	1	2
8/01/2025	6	7	7	4	1	2	3	5	0	2	1	2
9/01/2025	1	4	4	3	4	2	2	4	1	0	5	1
10/01/2025	2	5	9	10	3	0	1	2	3	3	5	1
11/01/2025	3	4	5	5	1	0	1	4	3	5	0	2
12/01/2025	4	5	6	2	0	1	2	4	2	3	2	2
13/01/2025	5	7	4	2	5	3	4	0	3	0	2	1
14/01/2025	6	6	4	3	3	3	1	4	1	4	2	0
15/01/2025	6	8	7	5	4	3	2	4	2	3	3	1
16/01/2025	7	5	7	4	2	2	2	0	2	1	4	1
17/01/2025	4	1	6	1	2	0	2	0	1	0	1	0
18/01/2025	5	2	3	1	2	1	0	1	2	0	1	2
19/01/2025	5	5	1	3	2	0	2	1	3	2	1	0
20/01/2025	3	4	5	4	3	0	1	2	4	2	3	0
21/01/2025	4	3	4	2	1	3	1	2	1	2	3	1
22/01/2025	7	7	7	4	3	3	1	6	4	1	3	0
23/01/2025	3	6	8	6	3	1	4	2	2	3	1	0
24/01/2025	7	5	3	7	2	3	2	4	3	1	2	1
25/01/2025	8	3	4	2	1	4	4	4	2	3	1	1
26/01/2025	6	7	6	5	1	2	3	3	3	0	2	1
27/01/2025	5	6	6	2	0	3	1	3	1	3	2	0
28/01/2025	2	3	4	7	5	1	2	2	2	4	3	1
29/01/2025	5	7	8	3	4	3	3	3	5	3	2	1
30/01/2025	9	2	6	5	1	2	1	3	5	6	1	0
31/01/2025	4	0	4	8	6	0	4	2	4	3	2	0
Total	**152**	**152**	**172**	**123**	**70**	**56**	**65**	**85**	**72**	**67**	**59**	**23**

REPORTING PERIOD: February

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	20	23	39	26	23	31	17	20	26	21	20	21
Bay 2	21	26	38	27	29	32	20	31	26	23	23	26
Bay 3	31	33	42	33	35	40	30	36	36	34	38	32
Bay 4	24	24	43	25	36	37	17	32	32	39	30	34
Total	**96**	**106**	**162**	**111**	**123**	**140**	**84**	**119**	**120**	**117**	**111**	**113**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	24	29	30	31	19	14	18	10	16	15	22	4
Bay 2	29	32	36	29	24	15	16	21	16	12	22	9
Bay 3	38	31	45	43	25	20	23	28	27	27	25	9
Bay 4	30	39	35	34	20	10	14	17	13	19	18	2
Total	**121**	**131**	**146**	**137**	**88**	**59**	**71**	**76**	**72**	**73**	**87**	**24**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/02/2025	4	4	6	4	4	2	3	4	3	3	6	2
2/02/2025	3	6	2	2	1	2	5	3	2	1	6	4
3/02/2025	6	4	7	4	7	6	5	6	3	5	1	7
4/02/2025	2	4	10	4	4	4	0	8	5	6	5	4
5/02/2025	6	4	6	7	8	8	2	5	6	6	6	5
6/02/2025	3	4	9	2	7	5	4	4	5	6	5	6
7/02/2025	4	3	6	3	2	3	4	3	7	5	3	4
8/02/2025	1	1	6	4	3	4	2	2	2	2	4	5
9/02/2025	2	2	7	5	2	3	0	4	7	1	5	2
10/02/2025	4	8	6	3	6	8	3	1	6	6	4	1
11/02/2025	1	4	3	2	5	8	3	4	4	3	2	2
12/02/2025	6	4	6	4	4	5	3	2	4	3	2	1
13/02/2025	3	3	6	5	6	5	3	5	6	7	4	4
14/02/2025	3	2	8	5	2	6	2	7	7	8	6	3
15/02/2025	4	3	4	4	2	1	4	3	2	2	4	3
16/02/2025	1	5	6	2	5	3	1	6	4	3	2	4
17/02/2025	3	6	3	4	4	5	5	5	7	5	1	5
18/02/2025	2	4	6	3	6	5	3	5	2	2	6	8
19/02/2025	3	5	4	4	4	7	3	6	3	5	0	5
20/02/2025	6	0	7	4	5	9	3	6	3	4	7	5
21/02/2025	6	1	4	5	5	7	2	4	5	2	3	4
22/02/2025	0	4	6	3	4	4	3	2	6	3	2	4
23/02/2025	1	3	7	3	1	3	5	3	2	3	4	3
24/02/2025	8	6	5	3	5	6	5	5	4	1	7	7
25/02/2025	5	4	6	6	5	3	5	4	2	8	1	5
26/02/2025	4	3	5	7	5	4	2	4	5	5	5	4
27/02/2025	2	4	7	4	3	6	2	5	2	7	4	3
28/02/2025	3	5	4	5	8	8	2	3	6	5	6	3
1/03/2025	0	0	0	0	0	0	0	0	0	0	0	0
2/03/2025	0	0	0	0	0	0	0	0	0	0	0	0
3/03/2025	0	0	0	0	0	0	0	0	0	0	0	0
Total	**96**	**106**	**162**	**111**	**123**	**140**	**84**	**119**	**120**	**117**	**111**	**113**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/02/2025	5	4	5	4	0	3	2	3	2	0	3	0
2/02/2025	5	7	3	4	3	3	3	2	3	1	4	1
3/02/2025	7	6	9	5	2	2	3	6	1	9	1	2
4/02/2025	5	5	7	9	2	3	1	4	0	6	2	1
5/02/2025	5	5	6	6	4	1	4	2	3	4	1	0
6/02/2025	4	3	9	6	3	2	6	4	2	5	3	2
7/02/2025	3	8	6	7	5	2	1	3	1	2	4	2
8/02/2025	4	4	4	7	6	2	2	3	4	4	2	0
9/02/2025	9	2	3	4	2	2	3	2	3	0	4	1
10/02/2025	5	6	2	5	2	4	1	3	3	3	2	1
11/02/2025	4	0	3	5	3	4	2	0	1	3	3	1
12/02/2025	5	6	4	5	2	1	1	3	4	3	3	1
13/02/2025	3	5	7	3	2	2	2	5	5	3	2	0
14/02/2025	4	5	5	4	5	2	1	1	5	0	5	1
15/02/2025	3	3	3	3	1	2	5	2	0	2	1	1
16/02/2025	2	1	8	3	0	4	1	4	3	2	2	2
17/02/2025	4	5	7	8	6	0	2	3	5	6	4	1
18/02/2025	3	5	5	6	4	1	2	4	1	0	5	2
19/02/2025	4	4	4	1	4	3	6	2	3	1	4	1
20/02/2025	6	4	8	5	3	2	2	3	3	2	2	0
21/02/2025	3	3	4	5	4	3	3	2	1	2	7	0
22/02/2025	3	5	6	4	3	0	1	3	5	3	5	1
23/02/2025	5	6	5	2	1	4	3	2	2	2	4	0
24/02/2025	2	8	5	4	3	2	5	0	5	1	3	0
25/02/2025	5	8	4	5	3	1	3	2	3	3	5	1
26/02/2025	4	6	6	5	3	1	2	1	1	3	3	0
27/02/2025	3	4	3	7	7	1	0	2	1	1	3	1
28/02/2025	6	3	5	5	5	2	4	5	2	2	0	1
1/03/2025	0	0	0	0	0	0	0	0	0	0	0	0
2/03/2025	0	0	0	0	0	0	0	0	0	0	0	0
3/03/2025	0	0	0	0	0	0	0	0	0	0	0	0
Total	**121**	**131**	**146**	**137**	**88**	**59**	**71**	**76**	**72**	**73**	**87**	**24**

REPORTING PERIOD: March

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	29	19	37	28	29	25	21	21	28	22	20	25
Bay 2	22	26	39	36	32	22	20	29	31	23	30	31
Bay 3	32	36	42	35	40	33	36	35	40	35	39	37
Bay 4	20	22	42	27	30	26	26	28	38	36	37	28
Total	**103**	**103**	**160**	**126**	**131**	**106**	**103**	**113**	**137**	**116**	**126**	**121**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	28	29	38	33	28	14	13	14	12	19	17	8
Bay 2	38	35	41	33	20	10	15	14	15	11	20	4
Bay 3	41	40	45	36	32	28	25	25	23	25	24	9
Bay 4	33	34	27	29	19	11	19	12	11	22	15	6
Total	**140**	**138**	**151**	**131**	**99**	**63**	**72**	**65**	**61**	**77**	**76**	**27**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/03/2025	1	5	7	3	6	3	5	2	6	2	2	4
2/03/2025	4	4	6	3	1	4	1	1	3	1	3	4
3/03/2025	6	6	5	3	5	4	6	4	3	4	4	5
4/03/2025	3	6	6	1	4	4	5	5	4	4	5	4
5/03/2025	5	4	8	4	5	2	5	4	3	5	4	6
6/03/2025	4	2	4	5	6	5	4	6	5	6	4	3
7/03/2025	3	1	7	3	6	4	4	3	6	4	4	3
8/03/2025	3	4	3	8	3	4	1	2	3	2	2	2
9/03/2025	4	1	3	6	3	0	2	2	1	4	2	5
10/03/2025	7	2	6	2	6	3	4	2	6	4	2	4
11/03/2025	4	2	6	6	5	2	2	2	2	4	8	3
12/03/2025	5	4	5	4	6	3	4	5	6	3	3	4
13/03/2025	5	4	4	5	7	4	2	5	7	5	5	2
14/03/2025	4	3	7	4	3	5	5	5	5	5	2	2
15/03/2025	4	3	6	1	2	2	4	7	1	0	3	2
16/03/2025	5	3	6	2	2	2	2	2	2	4	2	3
17/03/2025	5	5	6	4	6	4	6	5	3	4	3	5
18/03/2025	4	1	6	3	3	5	3	4	7	4	5	5
19/03/2025	5	6	5	3	8	5	4	9	6	5	4	7
20/03/2025	3	3	5	5	7	3	2	6	6	6	7	3
21/03/2025	2	1	6	6	7	7	6	5	2	3	6	7
22/03/2025	1	2	5	5	1	3	1	2	4	5	1	4
23/03/2025	2	1	7	5	3	3	2	2	5	2	4	6
24/03/2025	2	5	3	6	5	6	3	1	9	6	5	4
25/03/2025	4	3	4	3	2	3	3	1	3	4	6	4
26/03/2025	4	6	4	5	4	2	2	4	5	3	7	0
27/03/2025	1	4	5	3	4	2	7	3	3	5	6	6
28/03/2025	0	2	7	7	5	3	1	4	7	4	9	3
29/03/2025	2	3	3	6	1	1	1	3	4	2	4	1
30/03/2025	0	5	3	2	0	2	2	3	4	2	2	5
31/03/2025	1	2	2	3	5	6	4	4	6	4	2	5
Total	**103**	**103**	**160**	**126**	**131**	**106**	**103**	**113**	**137**	**116**	**126**	**121**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/03/2025	4	4	5	4	4	2	2	3	1	3	2	0
2/03/2025	5	5	4	3	4	2	3	4	0	2	1	1
3/03/2025	4	6	3	3	4	2	3	1	3	1	4	1
4/03/2025	6	5	6	3	3	3	1	2	2	3	2	2
5/03/2025	8	6	2	6	6	1	3	2	0	3	1	1
6/03/2025	6	3	9	8	4	2	6	5	1	2	3	1
7/03/2025	4	3	3	7	5	2	2	1	2	2	3	0
8/03/2025	3	4	4	5	5	1	1	1	3	1	0	2
9/03/2025	6	5	4	2	1	3	5	2	4	2	2	0
10/03/2025	4	4	4	4	1	2	3	1	1	3	2	0
11/03/2025	9	2	3	5	5	2	3	1	0	1	4	2
12/03/2025	5	3	6	5	5	3	5	1	1	2	2	0
13/03/2025	3	6	6	6	2	2	2	2	2	5	3	0
14/03/2025	8	3	6	5	2	2	3	1	4	1	2	0
15/03/2025	5	6	5	3	2	2	3	3	2	1	1	0
16/03/2025	6	7	3	4	1	2	3	2	0	3	7	0
17/03/2025	4	5	7	2	4	0	2	5	3	4	3	0
18/03/2025	5	3	6	8	1	1	2	1	4	3	2	0
19/03/2025	8	5	6	0	4	5	3	1	1	3	2	4
20/03/2025	7	5	9	2	5	5	0	2	4	3	3	1
21/03/2025	6	1	2	3	4	2	2	1	0	3	1	1
22/03/2025	3	6	5	6	1	0	2	3	1	2	2	0
23/03/2025	2	4	5	4	0	1	1	3	3	2	1	3
24/03/2025	2	5	6	4	2	2	1	3	1	3	3	0
25/03/2025	4	7	4	4	3	2	3	3	2	2	4	1
26/03/2025	2	8	6	6	2	2	3	2	5	4	4	2
27/03/2025	5	2	6	5	7	4	1	1	3	5	3	3
28/03/2025	3	2	6	6	2	4	1	2	1	2	4	2
29/03/2025	0	4	2	4	3	1	1	1	2	1	1	0
30/03/2025	2	4	5	0	3	1	1	2	1	3	2	0
31/03/2025	1	5	3	4	4	0	1	3	4	2	2	0
Total	**140**	**138**	**151**	**131**	**99**	**63**	**72**	**65**	**61**	**77**	**76**	**27**

REPORTING PERIOD: April

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	38	25	40	32	30	32	22	15	28	23	30	31
Bay 2	20	21	40	30	29	23	25	23	32	30	22	26
Bay 3	24	31	35	34	30	41	33	37	42	36	36	37
Bay 4	15	17	36	30	24	35	29	29	29	26	22	26
Total	**97**	**94**	**151**	**126**	**113**	**131**	**109**	**104**	**131**	**115**	**110**	**120**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	25	40	41	33	17	23	17	12	9	16	23	5
Bay 2	37	31	38	36	21	13	17	17	12	10	16	6
Bay 3	36	37	45	31	24	23	34	24	27	26	22	4
Bay 4	25	34	43	23	22	11	22	16	17	21	19	2
Total	**123**	**142**	**167**	**123**	**84**	**70**	**90**	**69**	**65**	**73**	**80**	**17**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/04/2025	2	1	7	6	2	5	1	3	7	5	3	8
2/04/2025	6	2	4	4	3	4	2	4	5	2	4	5
3/04/2025	2	3	5	5	3	2	6	7	4	7	6	4
4/04/2025	1	0	3	6	3	3	2	7	1	3	5	2
5/04/2025	3	2	5	3	2	1	3	1	5	4	4	2
6/04/2025	1	5	4	2	0	7	2	3	4	2	5	6
7/04/2025	5	6	7	4	7	6	7	5	3	4	8	3
8/04/2025	5	5	5	4	5	7	7	7	5	3	7	5
9/04/2025	4	4	4	6	7	7	4	5	5	7	4	7
10/04/2025	2	6	4	5	5	5	4	2	5	5	1	3
11/04/2025	1	1	6	7	7	5	1	3	7	2	5	3
12/04/2025	2	2	6	4	6	4	3	1	4	3	4	2
13/04/2025	2	3	8	4	2	3	2	3	3	2	3	4
14/04/2025	8	2	6	7	5	3	5	6	4	7	1	5
15/04/2025	5	5	5	3	7	3	2	3	5	5	2	7
16/04/2025	6	2	2	3	5	5	4	4	3	4	4	4
17/04/2025	0	5	6	6	4	8	2	2	10	3	5	5
18/04/2025	6	2	4	2	3	7	2	3	4	3	2	4
19/04/2025	3	2	4	4	2	3	3	3	2	4	5	3
20/04/2025	4	5	4	3	2	4	4	1	3	3	3	5
21/04/2025	5	4	6	4	3	2	5	3	4	5	1	3
22/04/2025	4	2	6	3	4	6	3	5	7	6	4	6
23/04/2025	1	5	4	7	3	8	3	3	7	3	5	3
24/04/2025	2	2	6	3	9	7	8	1	3	5	2	5
25/04/2025	3	2	6	4	3	3	3	2	2	5	4	3
26/04/2025	3	6	3	2	2	3	7	6	2	1	2	2
27/04/2025	3	3	5	2	2	2	3	2	1	2	2	0
28/04/2025	2	1	4	6	4	3	6	1	4	4	3	2
29/04/2025	4	2	5	5	1	2	4	6	5	3	2	2
30/04/2025	2	4	7	2	2	3	1	2	7	3	4	7
1/05/2025	0	0	0	0	0	0	0	0	0	0	0	0
Total	**97**	**94**	**151**	**126**	**113**	**131**	**109**	**104**	**131**	**115**	**110**	**120**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/04/2025	4	7	7	4	4	3	2	5	4	2	4	0
2/04/2025	4	5	3	4	6	2	3	3	3	4	1	1
3/04/2025	4	1	2	5	4	0	3	3	1	2	5	0
4/04/2025	4	4	3	4	2	4	3	1	0	3	4	2
5/04/2025	5	5	6	3	1	2	6	3	2	2	2	0
6/04/2025	6	3	4	0	0	4	4	5	1	1	4	0
7/04/2025	5	4	5	4	4	4	3	2	3	2	5	1
8/04/2025	4	8	9	3	4	2	2	3	2	3	2	0
9/04/2025	3	6	5	6	3	4	2	0	4	6	2	0
10/04/2025	7	4	7	8	3	3	3	3	1	4	2	0
11/04/2025	4	6	5	6	7	3	8	2	2	3	2	0
12/04/2025	7	4	7	6	5	4	2	3	4	2	1	1
13/04/2025	4	2	4	3	2	2	3	5	1	3	3	2
14/04/2025	3	2	7	9	3	0	2	0	4	1	3	1
15/04/2025	7	6	5	3	3	4	1	4	2	2	5	1
16/04/2025	4	2	7	6	4	1	1	1	1	7	4	0
17/04/2025	8	4	7	5	3	2	4	1	1	1	3	2
18/04/2025	1	3	5	5	4	3	1	3	2	2	1	0
19/04/2025	2	8	5	3	1	3	4	2	0	1	1	1
20/04/2025	4	3	4	1	1	0	7	2	1	1	2	0
21/04/2025	3	6	4	4	1	2	3	3	3	3	1	0
22/04/2025	5	8	5	4	2	3	2	0	5	2	5	1
23/04/2025	1	6	8	5	5	5	5	1	1	2	4	1
24/04/2025	3	5	8	6	1	1	3	1	4	4	4	0
25/04/2025	3	4	6	3	3	0	3	3	3	1	1	1
26/04/2025	4	6	5	2	1	0	4	2	0	2	0	0
27/04/2025	2	3	6	0	0	3	1	2	2	2	1	2
28/04/2025	5	5	7	3	3	3	2	2	2	2	4	0
29/04/2025	5	5	7	2	2	2	0	3	3	2	2	0
30/04/2025	2	7	4	6	2	1	3	1	3	1	2	0
1/05/2025	0	0	0	0	0	0	0	0	0	0	0	0
Total	**123**	**142**	**167**	**123**	**84**	**70**	**90**	**69**	**65**	**73**	**80**	**17**

REPORTING PERIOD: May

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	33	35	43	32	33	26	24	20	29	31	25	31
Bay 2	27	31	34	29	26	23	24	28	24	31	14	29
Bay 3	27	29	39	33	35	37	39	31	38	35	36	34
Bay 4	14	21	38	25	23	22	31	29	33	32	26	39
Total	**101**	**116**	**154**	**119**	**117**	**108**	**118**	**108**	**124**	**129**	**101**	**133**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	44	34	38	30	21	19	15	14	8	17	23	11
Bay 2	32	35	31	29	17	17	23	20	10	12	13	5
Bay 3	31	33	39	32	30	24	26	26	22	21	19	5
Bay 4	36	29	36	25	23	18	24	17	14	12	15	1
Total	**143**	**131**	**144**	**116**	**91**	**78**	**88**	**77**	**54**	**62**	**70**	**22**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/05/2025	6	5	7	4	4	7	1	4	7	8	4	5
2/05/2025	3	5	8	7	6	6	3	4	4	3	4	7
3/05/2025	2	1	6	4	4	1	2	3	4	2	3	0
4/05/2025	4	2	4	3	0	2	1	4	2	0	4	4
5/05/2025	5	5	5	1	5	3	2	2	2	5	5	2
6/05/2025	3	2	3	3	6	1	3	1	2	8	2	3
7/05/2025	1	2	6	2	6	6	6	4	8	7	2	4
8/05/2025	4	4	2	8	6	7	2	5	6	7	8	5
9/05/2025	3	5	7	7	1	4	10	4	7	8	4	5
10/05/2025	6	3	3	4	3	1	6	3	1	7	1	6
11/05/2025	4	6	6	1	3	2	2	5	2	2	2	3
12/05/2025	4	5	4	4	6	7	4	2	6	5	3	5
13/05/2025	3	3	6	7	6	5	5	5	6	5	7	8
14/05/2025	5	3	6	4	6	7	10	9	7	4	2	8
15/05/2025	4	4	3	3	5	4	6	4	9	4	1	7
16/05/2025	4	4	6	3	5	4	2	9	1	4	1	3
17/05/2025	4	3	4	4	3	3	2	2	3	1	2	2
18/05/2025	1	5	5	1	1	1	4	2	3	1	1	4
19/05/2025	4	6	4	3	4	5	7	4	1	2	2	4
20/05/2025	4	3	3	2	2	5	3	3	2	4	2	3
21/05/2025	1	3	8	6	1	1	4	4	5	1	3	3
22/05/2025	2	4	3	7	3	1	5	2	4	7	3	4
23/05/2025	1	1	1	0	1	2	1	1	2	1	3	5
24/05/2025	4	6	4	2	2	1	4	1	2	1	2	4
25/05/2025	3	4	3	4	0	1	3	3	1	1	5	2
26/05/2025	2	5	6	3	5	2	5	2	8	7	6	6
27/05/2025	2	5	6	6	2	8	4	4	5	7	8	6
28/05/2025	4	1	4	6	7	4	3	5	2	2	5	3
29/05/2025	5	4	7	4	5	2	2	4	4	5	1	2
30/05/2025	1	3	7	3	4	5	3	2	4	5	1	4
31/05/2025	2	4	7	3	5	0	3	1	4	5	4	6
Total	**101**	**116**	**154**	**119**	**117**	**108**	**118**	**108**	**124**	**129**	**101**	**133**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/05/2025	9	9	5	5	3	5	4	5	3	1	3	0
2/05/2025	4	3	8	7	5	4	4	2	3	2	3	1
3/05/2025	5	3	5	5	2	1	3	2	0	1	2	1
4/05/2025	1	4	2	0	1	2	2	4	1	2	0	0
5/05/2025	5	1	4	4	5	2	0	2	0	1	7	1
6/05/2025	3	4	2	3	4	3	1	2	1	2	4	0
7/05/2025	5	8	6	6	6	1	6	2	0	4	3	0
8/05/2025	8	4	6	5	4	4	6	4	2	1	2	0
9/05/2025	7	7	6	3	2	4	3	3	4	4	1	3
10/05/2025	4	2	5	4	0	4	5	2	4	2	2	0
11/05/2025	5	5	7	3	1	2	4	1	3	3	1	2
12/05/2025	6	5	5	3	4	8	3	2	1	0	2	1
13/05/2025	6	6	4	4	5	2	3	4	3	3	3	1
14/05/2025	6	4	6	2	5	2	6	5	2	0	6	1
15/05/2025	7	5	5	4	4	2	5	3	1	4	4	0
16/05/2025	4	4	3	4	5	4	2	3	2	1	2	0
17/05/2025	2	4	5	5	4	1	0	6	1	2	2	1
18/05/2025	5	4	2	2	2	2	2	1	2	2	3	0
19/05/2025	1	6	5	2	3	1	2	4	1	1	1	1
20/05/2025	3	6	4	5	1	1	3	0	2	2	1	1
21/05/2025	6	4	4	4	1	4	0	2	0	1	2	0
22/05/2025	4	5	2	3	1	1	2	1	0	2	1	1
23/05/2025	4	5	4	3	2	4	2	4	1	0	0	0
24/05/2025	5	2	4	2	3	1	2	1	2	3	0	1
25/05/2025	2	4	4	2	2	0	4	2	2	3	2	0
26/05/2025	6	3	5	4	4	2	2	1	2	4	3	2
27/05/2025	2	4	4	4	2	1	2	3	0	0	4	0
28/05/2025	6	2	3	6	4	3	1	3	5	2	2	0
29/05/2025	4	2	4	5	1	2	4	0	2	4	3	0
30/05/2025	4	2	7	3	3	2	2	2	1	4	1	1
31/05/2025	4	4	8	4	2	3	3	1	3	1	0	3
Total	**143**	**131**	**144**	**116**	**91**	**78**	**88**	**77**	**54**	**62**	**70**	**22**

REPORTING PERIOD: June

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	33	24	41	31	36	29	22	21	30	26	29	42
Bay 2	22	30	39	29	33	25	19	24	34	29	35	35
Bay 3	31	28	33	33	34	37	37	28	40	40	38	35
Bay 4	13	19	42	22	29	34	24	33	33	38	28	27
Total	**99**	**101**	**155**	**115**	**132**	**125**	**102**	**106**	**137**	**133**	**130**	**139**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	33	30	37	34	23	18	18	16	14	22	22	13
Bay 2	31	31	35	36	20	14	29	15	16	18	16	10
Bay 3	37	43	39	35	29	31	32	26	21	24	21	7
Bay 4	36	33	33	34	19	21	23	16	16	23	14	2
Total	**137**	**137**	**144**	**139**	**91**	**84**	**102**	**73**	**67**	**87**	**73**	**32**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/06/2025	2	3	1	2	3	1	6	2	2	4	2	3
2/06/2025	2	3	4	4	5	3	4	5	5	5	3	6
3/06/2025	3	3	7	5	3	7	2	3	7	2	3	5
4/06/2025	3	4	1	4	4	5	1	2	5	4	4	4
5/06/2025	3	2	5	2	5	4	1	5	2	5	3	4
6/06/2025	5	3	7	2	1	8	3	1	2	6	6	3
7/06/2025	4	1	6	4	4	0	4	1	3	1	2	2
8/06/2025	4	2	7	4	1	4	1	2	0	3	4	4
9/06/2025	3	6	3	1	3	4	3	4	2	2	0	4
10/06/2025	5	5	5	4	7	2	2	7	5	8	2	4
11/06/2025	2	2	5	4	6	2	3	5	3	5	3	4
12/06/2025	4	3	8	3	2	4	4	6	5	6	6	7
13/06/2025	3	1	7	4	5	5	5	6	9	5	5	4
14/06/2025	3	2	5	6	4	3	1	1	6	3	2	4
15/06/2025	2	5	4	4	1	2	3	3	4	0	4	4
16/06/2025	3	4	7	3	4	6	3	6	2	5	6	1
17/06/2025	2	3	5	6	9	1	1	1	7	6	6	7
18/06/2025	2	3	6	2	5	6	5	4	4	5	5	9
19/06/2025	6	6	5	6	6	6	4	3	8	8	6	6
20/06/2025	3	4	4	3	7	4	6	6	6	7	5	4
21/06/2025	5	3	2	5	5	6	2	0	5	1	4	6
22/06/2025	1	2	8	4	1	2	2	4	1	5	2	6
23/06/2025	2	5	6	1	9	7	5	4	4	6	5	6
24/06/2025	3	4	4	3	4	4	2	4	5	8	7	3
25/06/2025	3	2	4	8	8	8	6	2	7	3	8	6
26/06/2025	6	5	4	5	5	6	4	6	6	2	8	5
27/06/2025	6	5	5	4	7	4	6	3	6	9	6	7
28/06/2025	4	3	7	3	2	7	3	0	6	3	2	5
29/06/2025	3	3	4	2	1	0	4	4	4	1	4	2
30/06/2025	2	4	9	7	5	4	6	6	6	5	7	4
1/07/2025	0	0	0	0	0	0	0	0	0	0	0	0
Total	**99**	**101**	**155**	**115**	**132**	**125**	**102**	**106**	**137**	**133**	**130**	**139**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/06/2025	4	3	1	2	3	2	2	1	2	1	1	1
2/06/2025	2	6	6	5	3	1	4	4	2	5	5	1
3/06/2025	5	6	4	4	1	2	4	4	1	0	6	0
4/06/2025	4	6	6	3	5	5	2	3	5	1	5	2
5/06/2025	4	3	3	3	1	2	3	1	1	6	2	1
6/06/2025	4	3	4	6	3	0	3	1	1	5	2	1
7/06/2025	4	6	5	4	1	2	3	1	3	1	1	0
8/06/2025	2	4	3	2	2	1	3	1	1	1	2	0
9/06/2025	5	4	7	3	1	2	2	5	3	1	0	0
10/06/2025	6	4	5	3	5	2	3	2	3	3	3	1
11/06/2025	4	7	6	0	3	4	1	2	2	3	4	2
12/06/2025	5	4	5	6	5	3	4	0	2	3	2	4
13/06/2025	7	4	8	8	3	3	0	0	3	4	2	1
14/06/2025	4	2	5	5	1	2	3	1	3	2	0	0
15/06/2025	5	4	4	5	0	2	4	4	1	4	0	1
16/06/2025	4	5	6	8	5	3	3	5	1	4	4	0
17/06/2025	8	6	5	3	5	4	5	2	2	6	2	2
18/06/2025	4	4	2	4	6	1	6	2	0	5	2	1
19/06/2025	10	6	3	3	3	4	5	3	3	1	4	3
20/06/2025	4	5	7	4	6	6	5	1	1	5	2	1
21/06/2025	4	4	1	6	4	3	0	7	0	3	4	0
22/06/2025	5	4	4	6	0	3	5	2	3	5	3	1
23/06/2025	3	4	7	6	3	1	6	3	3	3	4	0
24/06/2025	7	4	7	5	6	4	5	0	4	3	2	3
25/06/2025	8	7	3	5	6	5	3	3	3	3	2	1
26/06/2025	6	3	6	8	2	9	1	3	1	4	3	1
27/06/2025	4	5	3	6	4	2	3	4	3	2	3	2
28/06/2025	1	6	4	8	1	2	4	1	5	0	1	1
29/06/2025	2	2	8	4	1	1	4	4	1	2	1	1
30/06/2025	2	6	6	4	2	3	6	3	4	1	1	0
1/07/2025	0	0	0	0	0	0	0	0	0	0	0	0
Total	**137**	**137**	**144**	**139**	**91**	**84**	**102**	**73**	**67**	**87**	**73**	**32**

REPORTING PERIOD: July

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	31	31	38	32	26	26	29	22	30	28	28	30
Bay 2	20	24	39	32	19	22	30	27	24	32	20	33
Bay 3	25	30	40	28	29	33	43	40	41	39	31	36
Bay 4	9	20	38	28	26	30	36	30	33	30	29	27
Total	**85**	**105**	**155**	**120**	**100**	**111**	**138**	**119**	**128**	**129**	**108**	**126**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	35	39	40	30	26	15	13	22	17	25	20	14
Bay 2	26	38	35	34	22	14	16	20	15	17	14	6
Bay 3	37	43	35	34	34	29	31	30	21	22	15	7
Bay 4	24	35	31	32	20	22	19	17	20	18	21	3
Total	**122**	**155**	**141**	**130**	**102**	**80**	**79**	**89**	**73**	**82**	**70**	**30**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/07/2025	4	2	8	2	5	6	3	7	6	9	6	5
2/07/2025	4	3	5	2	3	3	5	6	3	5	4	3
3/07/2025	5	3	6	4	2	3	4	5	6	3	4	1
4/07/2025	5	5	5	2	4	5	3	2	4	7	5	8
5/07/2025	4	0	5	4	5	4	5	1	5	2	2	7
6/07/2025	2	3	7	3	2	1	5	4	6	2	4	3
7/07/2025	1	7	7	3	3	6	5	3	6	5	8	2
8/07/2025	1	6	4	4	4	7	4	2	3	7	5	4
9/07/2025	0	5	7	5	6	4	6	6	4	5	6	7
10/07/2025	4	7	3	3	5	5	6	5	6	7	5	5
11/07/2025	2	6	4	3	3	5	6	3	5	5	4	5
12/07/2025	1	4	6	5	4	2	4	3	3	0	2	6
13/07/2025	4	4	4	3	3	0	2	3	2	2	4	5
14/07/2025	3	5	5	4	5	3	7	5	2	5	2	4
15/07/2025	3	2	5	7	3	5	3	5	3	1	3	3
16/07/2025	1	1	3	5	4	6	3	6	4	3	3	6
17/07/2025	2	2	6	3	1	3	5	5	4	4	4	3
18/07/2025	2	4	6	3	2	3	6	2	4	4	2	3
19/07/2025	4	3	5	5	2	1	4	4	4	3	2	2
20/07/2025	3	3	3	2	2	1	4	4	0	5	2	3
21/07/2025	3	5	7	3	3	4	5	1	3	2	3	3
22/07/2025	4	2	4	6	3	7	3	4	6	10	6	4
23/07/2025	1	3	5	4	3	1	1	2	4	6	0	2
24/07/2025	3	2	2	2	4	4	4	1	4	0	3	3
25/07/2025	2	2	7	2	2	5	2	5	3	1	4	2
26/07/2025	4	2	7	3	2	1	3	2	6	1	0	3
27/07/2025	4	5	4	1	1	2	4	7	1	2	2	5
28/07/2025	3	3	7	6	4	5	9	3	5	4	5	6
29/07/2025	2	2	3	7	1	3	7	5	9	7	2	5
30/07/2025	4	1	5	6	4	3	7	3	3	5	3	3
31/07/2025	0	3	0	8	5	3	3	5	4	7	3	5
Total	**85**	**105**	**155**	**120**	**100**	**111**	**138**	**119**	**128**	**129**	**108**	**126**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/07/2025	4	3	6	3	5	2	3	3	1	3	0	1
2/07/2025	5	4	4	3	5	1	3	4	1	2	1	1
3/07/2025	4	4	6	1	2	3	0	3	1	3	1	1
4/07/2025	3	3	3	5	2	4	3	2	3	0	3	2
5/07/2025	0	8	5	4	0	2	3	3	3	1	3	0
6/07/2025	3	4	2	4	1	3	3	4	2	2	0	1
7/07/2025	5	4	5	5	8	3	4	2	4	5	2	1
8/07/2025	5	6	6	6	4	1	4	2	1	3	2	0
9/07/2025	4	4	6	6	5	5	1	0	4	4	4	0
10/07/2025	2	9	8	1	2	8	4	3	2	3	4	1
11/07/2025	4	5	6	7	4	3	1	5	2	0	4	3
12/07/2025	4	5	7	3	2	1	4	4	2	4	1	1
13/07/2025	3	6	3	1	4	1	3	2	4	2	3	1
14/07/2025	7	5	4	7	6	2	3	4	2	5	2	2
15/07/2025	3	7	5	2	7	2	1	2	3	4	1	1
16/07/2025	4	6	3	5	2	3	2	2	2	2	3	0
17/07/2025	5	2	3	5	2	4	3	3	4	1	2	0
18/07/2025	4	5	1	5	4	1	1	1	1	5	1	1
19/07/2025	6	7	5	4	4	3	3	2	0	2	3	0
20/07/2025	5	4	1	4	2	1	4	4	1	1	1	0
21/07/2025	4	5	2	6	3	1	0	3	4	2	4	0
22/07/2025	5	4	3	4	5	2	3	3	2	4	7	1
23/07/2025	2	6	4	4	1	2	4	3	3	3	0	0
24/07/2025	2	7	4	4	3	2	2	3	3	3	3	2
25/07/2025	5	5	7	7	4	0	3	4	4	3	2	1
26/07/2025	4	4	6	5	1	2	1	3	2	3	2	1
27/07/2025	3	4	5	2	0	2	2	4	3	1	2	4
28/07/2025	4	3	7	4	1	2	3	2	1	3	3	2
29/07/2025	2	6	5	6	5	7	3	3	4	3	3	1
30/07/2025	6	4	6	5	3	4	3	2	4	2	3	0
31/07/2025	5	6	3	2	5	3	2	4	0	3	0	1
Total	**122**	**155**	**141**	**130**	**102**	**80**	**79**	**89**	**73**	**82**	**70**	**30**

REPORTING PERIOD: August

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	26	33	34	30	26	27	29	27	30	32	30	21
Bay 2	15	29	38	22	23	31	22	32	22	32	26	24
Bay 3	21	36	37	30	34	33	37	41	37	33	38	31
Bay 4	17	20	43	24	28	34	25	33	30	35	29	30
Total	**79**	**118**	**152**	**106**	**111**	**125**	**113**	**133**	**119**	**132**	**123**	**106**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	31	32	36	29	21	18	8	14	20	25	13	6
Bay 2	26	29	33	26	17	11	15	15	10	19	8	0
Bay 3	35	30	36	27	28	24	25	21	25	18	14	5
Bay 4	31	29	34	29	22	20	15	13	10	22	13	3
Total	**123**	**120**	**139**	**111**	**88**	**73**	**63**	**63**	**65**	**84**	**48**	**14**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/08/2025	1	3	6	2	4	3	2	6	2	5	6	2
2/08/2025	3	7	5	2	2	2	4	7	2	2	1	3
3/08/2025	0	3	1	1	2	2	1	2	3	3	1	2
4/08/2025	1	4	2	1	4	5	4	6	4	2	1	2
5/08/2025	1	3	5	5	2	7	3	3	2	7	5	4
6/08/2025	1	1	7	2	8	1	3	5	5	3	7	3
7/08/2025	3	1	4	3	4	3	4	7	2	9	9	4
8/08/2025	2	6	2	4	1	8	3	8	3	0	4	5
9/08/2025	3	5	2	3	1	4	3	4	2	2	3	2
10/08/2025	0	5	4	3	1	3	1	3	3	2	2	4
11/08/2025	2	5	1	2	8	6	7	6	3	7	3	1
12/08/2025	2	3	1	3	2	5	6	4	3	5	6	6
13/08/2025	5	3	8	3	6	7	6	6	4	7	5	2
14/08/2025	3	4	6	4	4	5	1	3	6	4	6	6
15/08/2025	1	4	6	6	5	9	5	4	5	7	8	5
16/08/2025	4	5	5	2	2	5	4	4	2	1	4	2
17/08/2025	2	5	5	2	0	2	2	3	3	2	2	3
18/08/2025	3	6	6	5	3	5	4	6	7	3	1	2
19/08/2025	2	5	7	5	6	4	5	7	5	4	7	6
20/08/2025	4	3	7	2	7	7	3	3	6	4	6	6
21/08/2025	4	5	8	4	4	5	2	3	9	3	5	2
22/08/2025	3	3	3	4	5	3	6	5	3	5	2	3
23/08/2025	5	4	4	2	3	1	2	3	3	2	0	1
24/08/2025	3	1	5	1	0	2	2	5	3	4	0	0
25/08/2025	5	4	7	3	4	2	5	3	6	7	3	2
26/08/2025	2	5	6	7	4	1	4	3	3	6	6	4
27/08/2025	2	4	6	4	2	1	2	4	3	7	2	5
28/08/2025	2	3	5	7	6	4	6	3	4	7	8	6
29/08/2025	2	1	7	7	4	5	6	2	3	8	5	5
30/08/2025	5	4	4	4	5	4	2	4	5	2	2	5
31/08/2025	3	3	7	3	2	4	5	1	5	2	3	3
Total	**79**	**118**	**152**	**106**	**111**	**125**	**113**	**133**	**119**	**132**	**123**	**106**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/08/2025	5	5	3	3	1	2	5	2	1	3	2	1
2/08/2025	6	4	3	2	0	2	1	1	1	0	1	0
3/08/2025	2	1	1	2	1	2	0	0	0	0	0	0
4/08/2025	4	3	2	4	3	2	2	1	1	2	2	0
5/08/2025	5	3	4	1	4	2	6	2	2	4	4	1
6/08/2025	2	4	5	1	1	3	2	2	1	1	1	2
7/08/2025	7	2	4	5	1	2	6	2	4	2	2	0
8/08/2025	4	2	2	2	4	2	0	1	2	3	0	0
9/08/2025	1	6	3	2	4	1	2	2	2	2	4	1
10/08/2025	2	1	5	2	3	1	0	0	2	4	0	1
11/08/2025	5	3	6	2	1	2	2	0	3	4	2	1
12/08/2025	4	4	4	3	3	1	1	3	1	1	2	1
13/08/2025	7	6	6	5	6	3	1	5	7	3	2	0
14/08/2025	3	1	7	7	4	2	1	4	4	3	2	1
15/08/2025	1	5	5	6	4	2	2	3	4	5	0	2
16/08/2025	6	6	1	2	2	2	1	1	3	1	2	0
17/08/2025	3	5	4	1	1	2	1	1	1	2	2	0
18/08/2025	2	5	5	7	4	2	2	5	3	4	2	0
19/08/2025	7	5	5	6	7	4	3	3	0	6	3	0
20/08/2025	4	7	7	1	4	3	6	5	2	1	0	0
21/08/2025	3	4	3	2	5	2	3	4	0	2	0	0
22/08/2025	5	2	3	3	2	2	0	0	1	1	0	0
23/08/2025	4	6	6	4	0	1	4	0	3	3	0	0
24/08/2025	4	3	3	2	0	1	2	2	3	2	1	0
25/08/2025	8	7	6	6	3	5	1	2	2	2	0	3
26/08/2025	1	5	8	3	2	4	0	2	1	4	2	0
27/08/2025	5	0	8	8	6	1	3	1	2	5	2	0
28/08/2025	5	4	4	5	4	5	1	2	1	4	4	0
29/08/2025	3	4	6	6	4	4	1	1	2	4	2	0
30/08/2025	1	4	7	5	3	3	2	5	3	3	1	0
31/08/2025	4	3	3	3	1	3	2	1	3	3	3	0
Total	**123**	**120**	**139**	**111**	**88**	**73**	**63**	**63**	**65**	**84**	**48**	**14**

REPORTING PERIOD: September

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	29	33	35	30	24	25	30	22	32	30	34	34
Bay 2	16	28	40	30	27	22	26	23	24	35	31	27
Bay 3	16	30	38	24	33	32	33	34	36	41	44	35
Bay 4	5	26	41	26	24	30	29	26	31	37	40	29
Total	**66**	**117**	**154**	**110**	**108**	**109**	**118**	**105**	**123**	**143**	**149**	**125**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	32	42	36	34	27	19	12	15	31	23	17	10
Bay 2	20	38	44	38	27	20	21	12	20	22	12	4
Bay 3	38	43	34	41	27	30	33	24	30	20	18	7
Bay 4	23	32	35	38	21	18	21	17	12	20	9	3
Total	**113**	**155**	**149**	**151**	**102**	**87**	**87**	**68**	**93**	**85**	**56**	**24**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/09/2025	3	6	2	3	4	6	11	4	5	5	5	3
2/09/2025	3	3	4	4	4	5	5	5	8	8	8	3
3/09/2025	3	4	6	2	3	5	4	7	6	7	6	6
4/09/2025	2	3	3	2	3	6	8	3	5	8	4	4
5/09/2025	2	4	2	3	5	6	3	5	4	6	6	5
6/09/2025	1	6	7	3	6	2	1	5	2	3	2	5
7/09/2025	2	4	8	2	1	2	1	1	1	5	5	1
8/09/2025	3	2	8	6	7	6	6	5	6	8	7	5
9/09/2025	2	2	8	7	0	2	6	4	6	7	6	5
10/09/2025	2	2	6	5	1	4	6	5	2	3	5	3
11/09/2025	2	0	5	5	5	4	6	3	2	2	7	4
12/09/2025	2	4	7	1	2	5	1	7	3	2	6	3
13/09/2025	2	4	3	5	2	3	4	1	2	2	3	2
14/09/2025	2	4	3	2	4	2	5	0	1	3	4	4
15/09/2025	4	4	7	8	4	1	5	4	1	9	9	1
16/09/2025	3	2	8	7	5	3	7	3	6	7	5	4
17/09/2025	3	3	6	9	5	5	8	4	7	5	2	8
18/09/2025	3	5	7	4	7	2	2	7	5	5	2	5
19/09/2025	2	5	6	0	4	4	3	1	9	5	3	5
20/09/2025	3	5	2	1	2	4	1	1	4	1	2	3
21/09/2025	2	2	5	1	1	2	2	4	3	3	3	3
22/09/2025	2	3	8	6	5	4	4	8	6	2	3	3
23/09/2025	0	7	4	1	2	4	1	4	2	7	8	5
24/09/2025	1	4	6	4	6	2	2	2	4	4	6	7
25/09/2025	4	4	4	2	3	4	2	2	4	8	3	5
26/09/2025	2	5	6	4	4	3	2	1	6	5	2	6
27/09/2025	1	4	4	2	2	4	2	2	1	2	6	2
28/09/2025	4	5	3	1	1	1	3	3	3	1	2	2
29/09/2025	1	5	4	5	5	4	4	2	6	3	9	5
30/09/2025	0	6	2	5	5	4	3	2	3	7	10	8
1/10/2025	0	0	0	0	0	0	0	0	0	0	0	0
Total	**66**	**117**	**154**	**110**	**108**	**109**	**118**	**105**	**123**	**143**	**149**	**125**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/09/2025	6	8	5	6	9	5	1	2	2	2	2	1
2/09/2025	7	7	9	4	5	2	3	5	1	7	3	0
3/09/2025	6	6	7	6	4	2	3	5	1	4	2	0
4/09/2025	4	5	3	8	4	3	3	1	4	5	2	0
5/09/2025	3	7	7	7	1	1	3	3	2	2	3	0
6/09/2025	2	4	7	6	2	1	3	4	4	3	2	1
7/09/2025	2	6	5	3	0	3	3	1	6	1	1	1
8/09/2025	4	7	6	6	4	4	6	2	4	3	1	1
9/09/2025	1	4	8	8	5	8	3	2	4	4	4	0
10/09/2025	4	4	8	7	6	3	2	1	2	7	2	3
11/09/2025	7	6	3	6	3	4	1	2	4	5	1	1
12/09/2025	3	8	5	7	3	2	3	3	4	2	2	0
13/09/2025	2	5	2	8	1	2	2	3	3	1	2	1
14/09/2025	3	3	5	0	2	3	3	1	3	3	2	0
15/09/2025	6	4	4	4	3	5	3	2	7	0	2	0
16/09/2025	6	4	8	9	5	2	4	1	3	6	2	3
17/09/2025	5	4	5	3	3	2	3	1	4	3	2	0
18/09/2025	5	6	3	4	5	1	3	2	4	2	2	1
19/09/2025	3	8	1	5	4	6	1	3	2	3	3	3
20/09/2025	2	1	6	6	1	2	3	3	4	3	1	1
21/09/2025	5	4	2	2	1	1	2	1	5	2	2	1
22/09/2025	1	4	4	5	5	1	2	1	4	4	1	1
23/09/2025	2	8	6	7	1	6	4	2	0	3	2	1
24/09/2025	2	4	6	1	5	3	6	3	3	1	0	1
25/09/2025	4	4	5	3	3	4	5	3	1	1	2	1
26/09/2025	3	3	3	4	4	3	1	3	1	3	2	0
27/09/2025	3	6	6	3	3	0	3	3	2	0	1	0
28/09/2025	1	4	4	2	1	1	4	2	3	0	2	0
29/09/2025	4	7	1	3	3	3	2	2	2	1	2	1
30/09/2025	7	4	5	8	6	4	2	1	4	4	1	1
1/10/2025	0	0	0	0	0	0	0	0	0	0	0	0
Total	**113**	**155**	**149**	**151**	**102**	**87**	**87**	**68**	**93**	**85**	**56**	**24**

REPORTING PERIOD: October

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	28	32	39	27	31	30	18	22	37	32	36	21
Bay 2	22	27	36	32	24	18	19	19	32	27	25	25
Bay 3	29	17	31	35	30	36	28	32	37	34	38	30
Bay 4	20	17	32	29	33	27	27	20	37	32	28	32
Total	**99**	**93**	**138**	**123**	**118**	**111**	**92**	**93**	**143**	**125**	**127**	**108**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	34	41	36	39	22	15	13	14	20	18	24	2
Bay 2	31	36	39	32	26	13	16	13	18	17	19	5
Bay 3	35	42	40	28	31	28	33	22	32	23	22	5
Bay 4	39	33	35	26	22	20	11	17	19	16	5	2
Total	**139**	**152**	**150**	**125**	**101**	**76**	**73**	**66**	**89**	**74**	**70**	**14**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/10/2025	2	2	4	4	6	4	3	0	4	6	7	4
2/10/2025	3	3	7	4	7	1	2	5	5	7	7	6
3/10/2025	2	4	3	3	6	4	5	4	6	6	2	3
4/10/2025	4	1	5	4	3	3	1	2	4	1	5	3
5/10/2025	5	3	0	4	2	1	0	3	4	3	3	3
6/10/2025	3	2	7	1	6	4	2	3	9	2	2	0
7/10/2025	1	4	3	4	4	4	5	1	5	7	7	3
8/10/2025	1	2	4	6	1	5	2	4	7	3	5	6
9/10/2025	1	1	7	6	7	2	3	5	5	5	8	4
10/10/2025	2	0	6	7	5	3	2	6	6	6	3	5
11/10/2025	3	3	2	3	1	4	5	3	1	5	1	1
12/10/2025	3	3	6	3	1	3	3	1	3	5	1	4
13/10/2025	4	2	8	5	6	3	4	4	8	5	6	5
14/10/2025	3	4	4	6	3	8	2	2	9	8	4	2
15/10/2025	5	2	2	4	2	4	4	2	4	6	3	6
16/10/2025	4	4	2	3	4	3	4	5	5	6	3	4
17/10/2025	3	3	9	5	1	3	3	4	4	3	7	4
18/10/2025	4	2	2	2	1	4	5	3	2	0	5	3
19/10/2025	3	3	5	2	3	2	2	2	3	1	5	4
20/10/2025	6	4	4	4	3	5	4	5	4	5	7	5
21/10/2025	1	4	5	6	2	4	4	2	6	5	6	8
22/10/2025	6	3	7	4	6	6	4	2	4	4	6	4
23/10/2025	6	3	5	4	6	5	3	3	2	3	8	5
24/10/2025	6	4	5	3	3	6	4	1	6	6	6	3
25/10/2025	2	3	1	2	1	2	3	1	5	2	1	3
26/10/2025	2	3	3	1	3	2	2	3	4	3	0	1
27/10/2025	3	7	3	6	3	7	3	4	2	1	0	0
28/10/2025	2	6	7	4	7	2	0	4	5	2	3	2
29/10/2025	3	2	3	5	7	3	5	4	3	3	1	1
30/10/2025	5	3	4	4	2	3	2	3	4	2	3	2
31/10/2025	1	3	5	4	6	1	1	2	4	4	2	4
Total	**99**	**93**	**138**	**123**	**118**	**111**	**92**	**93**	**143**	**125**	**127**	**108**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/10/2025	7	6	6	3	6	6	1	1	3	2	3	0
2/10/2025	7	5	3	7	4	1	2	1	3	4	2	0
3/10/2025	3	6	8	4	0	1	1	2	3	2	2	0
4/10/2025	4	5	5	1	2	3	1	4	6	0	1	0
5/10/2025	3	7	4	2	5	2	4	1	5	1	3	0
6/10/2025	4	7	2	4	3	1	2	3	2	2	4	0
7/10/2025	7	8	8	4	2	5	3	2	4	3	4	0
8/10/2025	4	6	5	6	9	4	2	3	3	4	6	1
9/10/2025	7	4	9	1	7	3	2	1	4	3	1	1
10/10/2025	5	6	3	8	2	4	2	4	1	3	3	1
11/10/2025	5	4	7	6	2	3	1	1	4	2	1	1
12/10/2025	2	4	5	2	3	1	4	1	0	4	1	0
13/10/2025	3	3	6	4	1	4	4	2	2	3	1	0
14/10/2025	4	5	6	6	2	4	3	2	2	3	5	0
15/10/2025	6	5	3	4	6	2	3	1	5	3	2	2
16/10/2025	7	7	1	7	2	3	3	1	6	0	4	2
17/10/2025	4	8	5	3	3	3	5	2	2	0	1	0
18/10/2025	5	4	6	2	2	1	4	4	2	1	1	0
19/10/2025	0	3	5	2	1	1	1	6	3	0	2	0
20/10/2025	3	3	3	3	3	2	2	2	1	4	3	0
21/10/2025	4	3	3	7	5	1	1	1	1	4	1	1
22/10/2025	8	4	3	6	3	0	2	5	2	1	1	0
23/10/2025	5	4	6	7	4	0	2	2	5	2	3	1
24/10/2025	4	6	4	3	4	2	2	0	2	4	5	0
25/10/2025	4	5	5	1	0	3	1	3	5	1	0	0
26/10/2025	3	5	3	1	3	2	1	2	3	1	1	0
27/10/2025	7	6	6	2	3	5	3	3	2	2	2	1
28/10/2025	3	3	7	6	4	0	1	1	3	3	2	1
29/10/2025	4	2	3	3	4	3	4	4	3	2	1	2
30/10/2025	2	4	3	3	3	4	1	1	2	4	1	0
31/10/2025	5	4	7	7	3	2	5	0	0	6	3	0
Total	**139**	**152**	**150**	**125**	**101**	**76**	**73**	**66**	**89**	**74**	**70**	**14**

REPORTING PERIOD: November

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	18	41	35	33	28	30	22	31	34	30	34	27
Bay 2	12	27	43	33	24	26	30	26	34	36	25	29
Bay 3	31	19	39	36	30	37	35	40	38	35	36	34
Bay 4	13	24	28	31	23	34	27	38	35	31	38	34
Total	**74**	**111**	**145**	**133**	**105**	**127**	**114**	**135**	**141**	**132**	**133**	**124**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	35	44	42	37	24	16	20	25	18	25	18	4
Bay 2	38	38	40	30	30	15	17	22	23	21	14	5
Bay 3	35	37	42	33	38	27	28	26	35	26	18	2
Bay 4	36	32	34	35	20	20	26	19	29	17	8	2
Total	**144**	**151**	**158**	**135**	**112**	**78**	**91**	**92**	**105**	**89**	**58**	**13**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/11/2025	3	3	3	3	1	4	0	3	4	3	2	3
2/11/2025	7	3	3	2	1	1	7	1	3	4	1	2
3/11/2025	3	5	8	3	4	11	4	2	8	7	4	4
4/11/2025	4	6	7	3	8	7	7	6	8	6	7	7
5/11/2025	4	2	6	5	3	8	6	3	4	5	5	3
6/11/2025	4	1	5	7	6	5	6	6	6	4	9	5
7/11/2025	1	4	5	5	3	5	4	7	7	4	1	5
8/11/2025	3	1	4	6	1	3	1	1	2	2	3	4
9/11/2025	2	5	6	4	0	1	4	6	4	2	5	3
10/11/2025	1	5	4	6	4	4	4	5	6	8	5	4
11/11/2025	2	6	7	6	3	5	7	5	2	7	8	3
12/11/2025	4	3	5	5	3	3	5	6	8	5	8	5
13/11/2025	2	5	6	4	4	3	0	4	6	5	3	1
14/11/2025	3	6	6	4	4	6	3	8	6	5	6	9
15/11/2025	2	4	3	1	1	2	3	3	1	2	1	1
16/11/2025	2	2	5	2	0	3	3	4	5	3	1	6
17/11/2025	2	4	6	5	3	6	4	6	6	8	5	2
18/11/2025	3	3	7	3	4	4	4	4	4	6	6	8
19/11/2025	1	1	6	5	5	7	5	6	4	4	6	6
20/11/2025	2	6	5	5	2	2	2	5	3	2	1	3
21/11/2025	0	5	3	5	4	2	0	8	4	4	3	5
22/11/2025	3	3	3	4	6	2	2	2	5	4	0	3
23/11/2025	1	6	2	5	3	1	4	2	3	4	5	3
24/11/2025	2	5	4	6	5	4	4	10	8	3	5	2
25/11/2025	3	1	5	8	5	5	8	8	3	7	11	3
26/11/2025	3	3	3	4	6	7	6	3	4	6	6	3
27/11/2025	1	4	3	5	5	5	5	3	8	2	4	7
28/11/2025	3	3	5	6	6	6	2	1	2	5	5	5
29/11/2025	1	3	5	3	4	4	1	2	4	3	5	3
30/11/2025	2	3	5	3	1	1	3	5	3	2	2	6
1/12/2025	0	0	0	0	0	0	0	0	0	0	0	0
Total	**74**	**111**	**145**	**133**	**105**	**127**	**114**	**135**	**141**	**132**	**133**	**124**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/11/2025	2	3	3	3	1	0	1	4	2	4	0	1
2/11/2025	4	6	2	3	1	2	6	3	5	4	1	0
3/11/2025	8	3	6	4	1	3	3	5	3	4	2	1
4/11/2025	5	8	7	5	4	3	3	3	4	3	4	1
5/11/2025	9	9	6	9	4	4	8	3	5	5	1	0
6/11/2025	8	5	6	6	5	4	3	4	4	2	1	2
7/11/2025	5	4	6	6	8	4	2	3	4	3	2	0
8/11/2025	4	5	6	2	2	3	2	4	7	0	2	0
9/11/2025	5	7	4	2	1	6	4	4	4	4	3	0
10/11/2025	1	5	7	6	6	4	3	5	3	5	2	2
11/11/2025	4	5	7	7	8	4	5	5	4	4	2	1
12/11/2025	7	4	5	4	6	3	2	5	2	2	2	0
13/11/2025	3	7	4	6	5	2	2	1	4	2	0	1
14/11/2025	6	5	7	5	5	3	6	3	1	2	5	1
15/11/2025	3	7	6	1	3	2	2	3	4	2	1	1
16/11/2025	5	3	3	2	1	0	4	3	3	1	1	0
17/11/2025	4	7	7	3	4	2	4	2	4	5	2	1
18/11/2025	5	5	4	9	4	1	4	6	5	3	3	0
19/11/2025	4	6	4	4	5	4	1	2	6	3	2	0
20/11/2025	1	8	7	3	2	3	0	2	3	3	1	0
21/11/2025	6	6	3	7	4	3	2	0	3	2	2	0
22/11/2025	4	3	5	4	2	1	3	3	3	4	0	0
23/11/2025	3	5	5	2	2	2	5	1	4	1	2	0
24/11/2025	4	6	6	4	3	1	4	1	2	3	2	0
25/11/2025	11	7	5	7	5	1	3	2	3	3	4	0
26/11/2025	4	3	8	6	5	2	3	2	4	5	2	0
27/11/2025	7	2	10	7	4	3	1	3	1	3	2	0
28/11/2025	5	2	5	0	3	4	4	2	1	1	3	0
29/11/2025	3	2	3	4	6	3	1	2	3	4	2	1
30/11/2025	4	3	1	4	2	1	0	6	4	2	2	0
1/12/2025	0	0	0	0	0	0	0	0	0	0	0	0
Total	**144**	**151**	**158**	**135**	**112**	**78**	**91**	**92**	**105**	**89**	**58**	**13**

REPORTING PERIOD: December

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	25	34	44	27	30	30	24	34	28	36	22	31
Bay 2	20	30	36	32	30	28	26	31	28	28	33	25
Bay 3	31	26	40	38	35	43	30	41	36	39	38	39
Bay 4	19	26	29	31	32	29	26	35	33	30	31	37
Total	**95**	**116**	**149**	**128**	**127**	**130**	**106**	**141**	**125**	**133**	**124**	**132**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	32	38	41	32	21	18	10	22	14	22	17	7
Bay 2	34	41	38	31	23	10	14	18	18	13	10	4
Bay 3	44	34	43	37	27	27	27	31	25	20	15	7
Bay 4	33	35	46	26	19	17	16	22	14	11	10	3
Total	**143**	**148**	**168**	**126**	**90**	**72**	**67**	**93**	**71**	**66**	**52**	**21**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/12/2025	3	5	4	3	4	7	5	5	6	5	1	5
2/12/2025	2	3	7	6	5	5	4	6	7	8	5	5
3/12/2025	4	4	6	5	7	5	3	7	9	3	5	3
4/12/2025	5	4	5	4	7	8	7	5	4	6	8	5
5/12/2025	4	6	4	8	6	6	4	10	3	4	2	3
6/12/2025	2	2	6	3	2	2	4	3	4	4	5	5
7/12/2025	2	3	3	4	1	0	6	2	2	2	1	4
8/12/2025	4	5	8	7	7	3	5	5	4	11	4	4
9/12/2025	3	4	6	5	2	7	4	6	8	6	7	6
10/12/2025	2	4	6	5	3	4	4	5	6	2	5	9
11/12/2025	3	2	6	7	5	4	1	3	4	6	6	7
12/12/2025	2	5	7	9	9	3	3	4	8	6	7	8
13/12/2025	3	3	2	3	1	6	1	4	2	0	2	4
14/12/2025	3	3	4	1	0	2	2	4	3	4	2	2
15/12/2025	4	3	7	4	4	6	5	6	4	4	2	3
16/12/2025	5	3	5	5	5	5	5	5	4	7	6	3
17/12/2025	3	5	7	4	5	7	4	6	3	3	7	8
18/12/2025	3	6	9	4	5	5	3	3	3	9	6	4
19/12/2025	2	7	4	4	5	5	3	4	6	9	5	5
20/12/2025	2	2	4	6	3	2	5	5	3	1	3	2
21/12/2025	2	3	6	3	1	3	3	3	1	2	3	6
22/12/2025	5	6	5	4	7	7	5	3	6	3	2	5
23/12/2025	2	6	8	3	6	2	2	7	6	5	7	7
24/12/2025	6	5	7	3	8	2	2	7	4	5	3	3
25/12/2025	0	0	0	0	1	0	1	1	0	0	1	0
26/12/2025	1	0	1	0	1	1	1	2	0	2	0	0
27/12/2025	1	2	1	3	2	4	2	3	2	1	5	2
28/12/2025	0	3	1	4	3	3	2	2	3	4	2	3
29/12/2025	5	3	4	4	5	8	3	6	2	2	5	3
30/12/2025	5	5	3	3	4	3	2	4	3	4	6	4
31/12/2025	7	4	3	4	3	5	5	5	5	5	1	4
Total	**95**	**116**	**149**	**128**	**127**	**130**	**106**	**141**	**125**	**133**	**124**	**132**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/12/2025	4	4	5	4	4	2	4	2	5	1	2	0
2/12/2025	9	6	7	4	3	2	1	1	5	3	1	2
3/12/2025	2	8	8	6	4	2	4	2	0	5	1	1
4/12/2025	6	3	4	6	5	4	2	5	1	5	1	1
5/12/2025	6	5	9	6	3	5	2	5	0	5	3	1
6/12/2025	5	6	5	3	5	2	2	4	2	2	3	1
7/12/2025	4	5	5	3	1	0	2	5	4	2	1	0
8/12/2025	7	8	6	7	5	3	3	5	1	2	3	1
9/12/2025	5	6	8	8	5	4	4	3	0	6	2	1
10/12/2025	7	8	4	4	4	5	4	0	5	4	2	0
11/12/2025	6	7	6	6	3	4	1	5	4	2	3	1
12/12/2025	2	2	7	4	4	4	3	1	5	1	3	1
13/12/2025	2	2	4	2	3	0	3	2	4	2	2	0
14/12/2025	8	3	7	1	0	2	4	3	4	1	0	0
15/12/2025	4	4	4	4	4	3	2	2	3	0	3	0
16/12/2025	5	3	8	3	4	2	2	3	4	4	1	2
17/12/2025	5	7	8	5	3	1	0	3	2	5	1	0
18/12/2025	8	7	7	5	4	3	1	5	2	2	2	2
19/12/2025	2	3	9	8	3	2	0	1	3	1	2	2
20/12/2025	4	4	6	5	4	1	1	5	2	2	2	0
21/12/2025	5	7	3	4	3	1	6	5	0	1	2	0
22/12/2025	7	8	8	4	4	2	4	5	2	2	0	0
23/12/2025	5	4	7	5	4	3	1	2	3	1	3	1
24/12/2025	2	2	1	1	1	0	0	0	0	0	0	0
25/12/2025	1	0	0	1	0	0	0	1	0	0	0	0
26/12/2025	1	2	2	2	2	1	1	1	2	1	1	2
27/12/2025	1	4	5	3	0	2	1	3	3	1	4	2
28/12/2025	6	3	3	1	0	3	1	3	2	1	1	0
29/12/2025	2	4	5	4	0	3	1	2	0	1	1	0
30/12/2025	7	7	4	4	4	5	3	5	2	1	1	0
31/12/2025	5	6	3	3	1	1	4	4	1	2	1	0
Total	**143**	**148**	**168**	**126**	**90**	**72**	**67**	**93**	**71**	**66**	**52**	**21**

REPORTING PERIOD: TEMPLATE

Bay Occupancy Data

Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
Bay 1	18	27	27	25	29	22	21	26	22	21	22	12
Bay 2	12	18	25	30	20	27	11	19	23	16	14	12
Bay 3	18	12	10	14	16	18	17	11	11	13	9	24
Bay 4	11	7	3	10	11	6	11	9	10	13	9	18
Total	**59**	**64**	**65**	**79**	**76**	**73**	**60**	**65**	**66**	**63**	**54**	**66**

Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
Bay 1	25	25	29	25	27	18	17	16	24	18	13	5
Bay 2	14	19	27	21	18	15	12	3	14	10	5	3
Bay 3	14	19	14	16	11	12	9	8	12	11	14	3
Bay 4	13	9	11	7	6	8	1	5	6	8	13	1
Total	**66**	**72**	**81**	**69**	**62**	**53**	**39**	**32**	**56**	**47**	**45**	**12**

Traffic Movement Assessment Data

	00:00 to 01:00	01:00 to 02:00	02:00 to 03:00	03:00 to 04:00	04:00 to 05:00	05:00 to 06:00	06:00 to 07:00	07:00 to 08:00	08:00 to 09:00	09:00 to 10:00	10:00 to 11:00	11:00 to 12:00
Start	12:00:00 AM	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM
Finish	1:00:00 AM	2:00:00 AM	3:00:00 AM	4:00:00 AM	5:00:00 AM	6:00:00 AM	7:00:00 AM	8:00:00 AM	9:00:00 AM	10:00:00 AM	11:00:00 AM	12:00:00 PM
1/01/2016	0	0	0	0	0	0	0	0	0	0	0	5
2/01/2016	2	3	0	1	2	3	1	4	0	2	0	1
3/01/2016	2	2	2	1	1	1	3	3	1	1	0	3
4/01/2016	4	4	1	1	3	4	2	1	2	0	4	2
5/01/2016	1	2	2	5	5	2	3	2	3	1	1	5
6/01/2016	0	2	1	3	1	1	1	5	3	4	0	3
7/01/2016	0	1	2	2	2	3	3	8	2	2	2	4
8/01/2016	0	1	2	2	2	4	3	0	0	4	4	3
9/01/2016	1	4	1	3	5	2	2	1	3	2	2	1
10/01/2016	3	1	0	0	4	1	2	1	3	3	0	1
11/01/2016	4	2	6	4	4	1	4	4	2	4	1	2
12/01/2016	4	4	1	6	3	1	2	3	2	2	4	0
13/01/2016	2	3	5	3	5	4	0	3	2	6	3	3
14/01/2016	0	3	1	7	4	4	3	2	3	3	2	5
15/01/2016	2	3	1	2	4	5	2	1	4	4	2	2
16/01/2016	3	1	5	1	3	2	2	3	3	1	1	2
17/01/2016	1	0	1	4	3	3	2	2	3	1	0	4
18/01/2016	2	6	4	5	1	4	2	5	4	0	3	3
19/01/2016	2	2	6	3	2	2	2	0	4	1	1	0
20/01/2016	2	2	1	4	2	1	2	1	0	4	3	0
21/01/2016	1	2	2	4	4	2	1	1	2	2	3	4
22/01/2016	2	1	3	3	3	2	1	3	2	0	5	3
23/01/2016	2	0	1	1	2	2	3	2	2	0	2	1
24/01/2016	2	2	0	0	1	1	1	1	1	0	2	0
25/01/2016	2	2	3	2	1	1	3	1	2	3	1	4
26/01/2016	3	1	1	1	2	3	0	2	2	2	1	0
27/01/2016	2	3	2	1	0	1	2	1	2	1	2	2
28/01/2016	1	1	2	4	0	4	0	1	2	1	1	1
29/01/2016	2	2	1	1	1	3	1	1	3	2	1	2
30/01/2016	2	2	2	0	1	2	2	1	0	2	1	0
31/01/2016	2	0	2	2	0	2	1	0	1	3	0	0
Total	**56**	**62**	**61**	**76**	**71**	**71**	**56**	**63**	**63**	**61**	**52**	**66**

	12:00 to 13:00	13:00 to 14:00	14:00 to 15:00	15:00 to 16:00	16:00 to 17:00	17:00 to 18:00	18:00 to 19:00	19:00 to 20:00	20:00 to 21:00	21:00 to 22:00	22:00 to 23:00	23:00 to 24:00
Start	12:00:00 PM	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM
Finish	1:00:00 PM	2:00:00 PM	3:00:00 PM	4:00:00 PM	5:00:00 PM	6:00:00 PM	7:00:00 PM	8:00:00 PM	9:00:00 PM	10:00:00 PM	11:00:00 PM	12:00:00 AM
1/01/2016	5	3	3	3	2	1	2	1	2	1	4	0
2/01/2016	4	3	0	0	1	3	1	1	1	2	1	0
3/01/2016	1	2	1	1	1	1	1	2	2	2	2	0
4/01/2016	1	1	4	3	4	1	1	1	1	0	1	0
5/01/2016	0	2	2	1	3	4	0	0	0	0	0	0
6/01/2016	2	2	3	1	0	0	2	0	0	0	0	2
7/01/2016	1	3	3	2	3	0	0	3	3	1	0	0
8/01/2016	3	0	3	3	3	3	3	0	2	3	1	1
9/01/2016	3	1	4	1	1	2	1	2	3	1	1	1
10/01/2016	5	1	2	2	2	0	2	0	2	3	1	0
11/01/2016	2	6	4	2	3	2	1	3	4	0	2	0
12/01/2016	2	1	7	4	2	2	1	3	3	1	2	0
13/01/2016	2	3	5	5	3	4	1	1	4	3	4	0
14/01/2016	2	3	4	5	4	4	1	2	3	2	3	2
15/01/2016	2	2	3	3	3	6	1	1	1	2	2	1
16/01/2016	5	1	2	2	3	0	1	1	3	3	1	0
17/01/2016	2	2	1	2	1	3	1	1	1	2	1	0
18/01/2016	3	6	1	4	2	1	2	2	3	1	3	0
19/01/2016	1	3	2	1	2	1	3	0	1	1	3	0
20/01/2016	1	1	1	3	3	1	0	1	0	5	2	0
21/01/2016	0	2	2	3	4	0	1	1	1	4	0	0
22/01/2016	1	0	0	3	0	4	3	1	0	0	3	1
23/01/2016	1	3	2	2	0	0	1	0	2	1	0	0
24/01/2016	2	1	2	1	0	2	0	1	2	0	1	1
25/01/2016	3	4	5	3	2	1	1	0	4	1	1	0
26/01/2016	0	3	3	0	2	2	1	2	1	0	1	1
27/01/2016	2	3	3	4	1	0	2	1	1	0	3	0
28/01/2016	3	0	5	0	1	4	1	0	2	3	1	0
29/01/2016	3	4	1	2	4	0	1	0	1	1	1	2
30/01/2016	3	4	0	1	2	1	2	0	2	2	0	0
31/01/2016	1	2	3	2	0	0	1	1	1	2	0	0
Total	**66**	**72**	**81**	**69**	**62**	**53**	**39**	**32**	**56**	**47**	**45**	**12**

Appendix E

Incident Register

Stolthaven Terminals Australia
Newcastle Terminal Incident Register 2025

Date of event	Unique ID	Type of event:	Type of incident:	Severity of event:	Reportable / notifiable?	Describe what happened:
01.09.2025	EVN-03990	Non-Conformance	Quality	N/Ap	No	Load Bay 2 Deadman failed to work during truck loading resulting in the load process stopping and alarming. Driver deadman buttons becoming an issue. Following up with other possibilities with Electrician.
01.09.2025	EVN-03991	Near Miss	Damage / Malfunction	N/Ap	No	Following incident EVN-03990 (deadman failure) the Driver contacted Stolt oncall staff and advised of the deadman issue and advised his Bill of Lading (BOL) was incorrect. The BOL indicated he had loaded his rear trailer but the Driver was adamant he had not. BNH arrived onsite and dipped the front and rear trailer confirming the BOL was correct. Following concern around the Driver's health the driver's depot was contacted and arranged for the driver to be driven back to the depot & have another driver manage his heavy vehicle.
01.24.2025	EVN-04012	Near Miss	Damage / Malfunction	N/Ap	No	At 17:42hrs driver (just starting shift and had collected truck from shift opposite) called Duty Mobile to advised he had stopped a leak on his #3 compartment rundown line whilst loading. Leak was spotted in initial stages as driver checked flow to compartment at start of loading. Used the Bay Stop button and emergency shutoff for trailer internals he contained what he thought was a minor leak from the pipe running from the API to the compartment internal valve. His initial inspection appeared to indicate weeping gasket or loose bolt under the internal valve, but only leaking under pressure. He cleaned and inspected to check if any product had gone to strip drain / sump prior contacting duty staff. He isolated the bay (coned out) and discussed next steps with duty staff who were already en-route to site. The #3 line , with internals closed was connected to drain dry system to remove pressure and any product he could to eliminate any thermal issues prior removing vehicle from site for repair.
02.11.2025	EVN-04050	Non-Conformance	Supplier Irregularity	N/Ap	No	Activation of Fire pump #1 @ 00:55hrs requiring on call personnel to attend site. Fire system was isolated late PM day prior to allow fire pump to re-pressurise fire line after fire cannon testing at Mayfield 7. As part of that process the jacking pump (pressurisation unit to maintain line pressure) was isolated whilst pump was run to re-establish line pressure post cannon test. Inadvertently the jacking pump was left in the 'off' position post fire pump run. As line pressure dropped with cooler over night temps it has tripped the pressure sensor engaging the auto start on FP#01. Driver has noted engine/pump running and called Duty Mobile to alert on call staff
02.05.2025	EVN-04069	Non-Conformance	Supplier Irregularity	N/Ap	No	Inspection of third party hired carrier's vapour hose revealed large amounts of rust debris that would have been blown into the site vapour recovery system, clogging the flame arrestor and rendering the system inoperable. The road tanker was not permitted to load and subsequently the trailers locked out. pending further inspection.
02.05.2025	EVN-04069	Non-Conformance	Hired Carrier tanker unsafe condition	N/Ap	No	Inspection of 3rd party hired carrier's vapor hose revealed large amounts of rust debris that would have been blown into the site vapor recovery system, clogging the flame arrestor and rendering the system inoperable.
02.11.2025	EVN-04050	Non-Conformance	Isolation error	N/Ap	No	Activation of Fire pump #1 @ 00:55hrs requiring on call personnel to attend site.
03.05.2025	EVN-04094	Near Miss	Unsafe Behaviour / Environmental Spill	N/Ap	No	At approx 13:00hrs truck combination pulled into Bay 3 to load diesel. Driver had collected truck as part of shift handover with truck having been on scheduled customer delivery prior (diesel service). As driver completed switch loading on Compartments 2 & 3 he confirmed they were empty. As he connected to Compartment 1 he inadvertently failed to connect the coupling fully and as he opened the API valve a spray of diesel escaped around the coupling covering immediate area and the driver with diesel. Spill (2-4ltr) captured / remediated in the immediate area. Driver closed truck API / removed drain dry coupling & contacted Terminal Staff for assistance.
03.19.2025	EVN-04123	Non-Conformance	Damage /Malfunction	N/Ap	No	Driver advised of issues accessing the main gate with his cards. Upon investigation the gate control unit was displaying "Host Comms Down". Staff checked on current gantry loadings which were also experiencing comms issues and subsequently stopped loading ops.
03.25.2025	EVN-04134	Non-Conformance	Operator Error	N/Ap	No	Terminal Duty Mobile (on Telstra network) was set by duty staff to redirect calls overnight. Approx 01:00hrs driver experienced issue with paperwork at site and called Duty Mobile repeatedly getting no reply. Staff arrived on site approx 06:00hrs and found that the phone was correctly set on divert but that it displayed numerous missed calls and messages from the driver.
04.23.2025	EVN-04229	Incident	Damage / Malfunction	0 Minor	No	At approx 11:45hrs it was noted that one of the control room screens had lost data feed from the PLC. A check of the VSD Motors page showed the system slowly shutting down all the pump PLC feeds. Whilst the server remained live the data feed from the PLC was dropping out on various pages. Investigations in the switchroom found that the No.1 PLC cabinet was completely dead. Following that back to the main PLC switchboard a single tripped RCD appeared to be the issue.
04.23.2025	EVN-04230	Incident	Spill / Environmental Accident	0 Minor	No	Upon investigating large spill stain in Bay 4 as part of CCTV review the following was noted: Driver entered Bay 4 to load B double approx 14:45hrs 23 Apr. On pulling forward to load his 'B' trailer driver was observed approaching the truck manifold, and prior fitting scully lead (anti-static protection), prior positioning any drip trays or using the drain dry system, he opened a compartment valve on the truck allowing a product to ground covering an area of approx 2m x 1m. Attempted to clean up mess (poorly) using site spill bin material, did not notify any Terminal staff and left site after pulling trailer wheels through product and tracking out of the gantry.
05.24.2025	EVN-04363	Incident	Other	0 Minor	No	Newcastle area was involved in major weather event (now categorised by Federal Govt as a Natural Disaster). Immediate impact on the port was that Stotlhaven customers vessels have been held out for 7 days from the Mayfield 7 berth due flooding, high winds, swells, fresh water restrictions in the port and high level of debris coming down the Hunter River (branches, trees, livestock, fences, general debris). Port operations re-instated in a limited capacity (daylight movements only) 23/5. Vessel 'Gem Ruby' booked to berth 24/5 PM & as part of pre-arrival inspections 2 of the pilot ladders were noted to be wrapped up in assorted debris, one in particular had a large log hung up near Fender F14. Given the size and estimated submerged section length engaged with PoN & Vessel Traffic Information Centre to co-ordinate a PoN work boat crew to attend & remove debris.
06.27.2025	EVN-04469	Incident	Spill / Environmental Accident	0 Minor	No	During daily walk round site checks Terminal Operator spotted a small weep on the underside of the outlet flange tank NN6 (flange face / gasket / skin valve). Volume less than 1 lt.

Stolthaven Terminals Australia
Newcastle Terminal Incident Register 2025

Date of event	Unique ID	Type of event:	Type of incident:	Severity of event:	Reportable / notifiable?	Describe what happened:
07.19.2025	EVN-04541	Incident	Damage / Malfunction	0 Minor	No	At approx 04:30 on 19/7 driver loading 'B trailer in Bay 3 (diesel) reported that his API valve would not reseat / close post loading. No product to ground
07.23.2025	EVN-04545	Incident	Other	1 Minor	No	At approx 06:55 staff noted strong smell akin to burning plastic from neighbouring property. Within minutes several fire units were observed entering the Infrabuild site (which adjoins the Terminal separated by railway line and roadway.) A fire could be seen approx 250m from the western boundary of Mayfield 7 berth (no shipping events at the time). Fire services quickly brought fire under control (approx 15-20mins)
08.11.2025	EVN-04625	Incident	Other	1 Minor	No	At approx 18:35hrs 11 Aug on call staff received call from driver who was unable to get their load paperwork. On remotely accessing the FM system, verified load had been completed properly and no errors showing in the bay. Tried twice to force through paperwork to BoL#1 printer (Bays 1 & 2) to no avail. Redirected print to BoL#2 which was successful at approx 18:45hrs. Monitored printer for remainder of evening and no other issues were reported and drivers appeared to be getting paperwork normally.
08.18.2025	EVN-04647	Non-Conformance	Quality Issue	N/Ap	No	Driver random CCTV audit found driver (self-load) failed to connect overfill / earth protection before switch loading, earth drip trays under loading manifold & held terminal gate open with Prime mover - all breaches of the site rules.
08.26.2025	EVN-04694	Non-Conformance	Quality Issue	N/Ap	No	Driver was randomly audited for loading of his B-Double tanker. The tanker has 5 compartments on each trailer (10 total). Driver commenced load without a load plan & informed operator the plan was 'all in his head'. The auditor discussed with the driver about the importance of having a load plan & double checking the load arm with the compartment, loading arm & quantities against the load plan and the potential consequences of not following this procedure. The driver agreed & retrieved his load plan and completed the rest of the load as per procedure.
08.28.2025	EVN-04703	Non-Conformance	Regulatory Issue	N/Ap	No	During a walk through the gantry, it was noted a Pearl Energy vehicle had "loaded around" flammable compartments. This company has no approval to "load around" and no lock out controls were in place. The driver was also found to be wearing normal sunglasses not safety glasses.
09.09.2025	EVN-04737	Incident	Spill / Environmental Accident	0 Minor	No	At approx 11:20hrs driver loading small 2 compartment site refuelling truck hit the SFL probe in compartment #1 of 2 at full flow resulting in loss of containment of approx 5 ltrs diesel into the truck top valance. Driver notified Terminal Operator he had a red scully light. Operator check found product on top of truck valance & over SFL on dipstick to brim of compartment.
09.18.2025	EVN-04790	Incident	Other	0 Minor	No	After being alerted by carrier a CCTV review was undertaken of an incident 16/9 noting JLP (driver BC) arriving at site & lining up in the lane for Bay 4 on the inside of an already parked Monaro combination waiting for Bay 3 (which was occupied by a Hills B Double). JLP driver cut across the face of the Monaro truck from the Bay 4 lane into Bay 3 & stopped behind the Hills vehicle parked in Bay 3. His trailers were straddling the gates for both Bays & blocking the sensors which activated the gate alarm timer countdown. JLP combination came close to striking the fire foam system line on the RHS of Bay 3 & the JLP steer tyre was significantly outside of the vehicle alignment yellow line that is used to safely position trucks in the load bay. The Monaro driver was then forced to manoeuvre his larger combination across the lanes into Bay 4 as he could not easily reverse back.
09.26.2025	EVN-04818	Non-Conformance	Quality Issue	N/Ap	No	After speaking with a driver regarding induction status, it was discovered that their company brings flammable product onsite to "load around" without Stolthaven approval.
10.08.2025	EVN-04864	Incident	Damage / Malfunction	0 Minor	No	Truck lined up for Bay 2 (filter bay) & was requested to reverse and realign for Bay 3 to reduce trucking delays as the site was shut down for a short period during substation maintenance (site switching from generator supply.) During reversing the driver failed to monitor spotter and impacted another truck on roadway. Impact was at slow speed, bumper to bumper impact with negligible damage.
10.09.2025	EVN-04865	Incident	Other	1 Minor	No	Premiair Fuels driver was in Bay 1 at approximately 11am on 9/10 loading vehicle XP06DI with Diesel. Vehicle is a small rigid truck and Premiair Fuels have authority to load on top. Driver had conducted a prior dip and miscalculated volume by approx 100L. During loading the product hit the level probe and stopped the load. No loss of containment. The driver reported the incident to Stolthaven Staff.
10.24.2025	EVN-04935	Non-Conformance	Regulatory Issue	N/Ap	Yes - PoN	Approx 10:30hrs 24/10 a large commercial grade drone (4 blade system) was spotted flying at low level over the Terminal and appeared to be operated by personnel well inside the PoN fence line which forms part of a wind turbine storage/laydown area. The drone was observed flying close to the gantry vapour stack (gantry vapour redirection) above tank NN1 at an altitude , which when observed from the ground, appeared it would not clear the tank top. It was then seen making several passes over the gantry loading area (see attached diagram). Attempts to make visual contact with the operator were futile and Port of Newcastle were contacted to alert them and request mobile security attend.
10.29.2025	EVN-04967	Near Miss	Unsafe Condition	N/Ap	No	Contractors were engaged to replace the air conditioner in the site's test room under permit/isolations. It was found there was an unterminated cable in the wall cavity. This cable has been live with exposed ends in the wall (colourbond shed) since construction.
11.01.2025	EVN-04987	Incident	Damage / Malfunction	0 Minor	No	B double combination finished loading in Bay 4. Driver failed to remove one of the drip trays positioned undernerath his trailer API's. Drove out of the gantry dragging / crushing the drip tray.
11.09.2025	EVN-05060	Incident	Aggravation of existing injury	0 Minor	No	Driver notified employer on 19/11 of an incident that occurred whilst loading diesel in Bay 3 on the 9/11 (10 days prior). He tripped over a drip tray earth lead, falling and landing on his left hip. He did not report the incident to the Terminal (as is required and part of his induction), call the Duty Mobile, write any advice of the incident in the Driver's Room book or inform his employers (until 19/11).

Stolthaven Terminals Australia
Newcastle Terminal Incident Register 2025

Date of event	Unique ID	Type of event:	Type of incident:	Severity of event:	Reportable / notifiable?	Describe what happened:
11.17.2025	EVN-05058	Near Miss	Loss of containment	N/Ap	No	Wharf crew setting up for arrival of LR2 vessel 'Atlantic Gem' which was to be discharging diesel cargo. Wharf Attendant spotted weep from ferral of wharf hose that indicated possible product weepage.
11.25.2025	EVN-05085	Incident	Damage / Malfunction	0 Minor	No	Approx 10:40hrs driver reported comms issue at entry gate and very shortly afterwards 2 x trucks loading lost gantry comms.
11.26.2025	EVN-05086	Non-Conformance	No issue	N/Ap	No	During random CCTV audit review, JLP driver was noted as having, what appeared to be an air pod (or similar) in his right ear throughout the loading of his vehicle.
11.27.2025	EVN-05109	Non-Conformance	Unsafe behaviour	N/Ap	No	While driver was switch loading on B trailer there was product remaining in compartment 3. He made an attempt to pump this excess product out but did not dip to verify or request permission to pump to slops as is site procedure. He then proceeded to load the compartment to safe fill level which hit the probe and stopped the load process. He then reported to operations.
12.02.2025	EVN-05122	Incident	Spill / Environmental Accident	0 Minor	No	On completion of loading B double (Bay 3 - Diesel) driver was disconnecting loading arm from the #03 compartment. Internal valves were closed and the API handle was showing in the closed position. As the arm was disconnected the API spring loaded face had failed to seat and was jammed in the open position. Driver attempted to reconnect arm whilst alerting nearby Terminal staff of problem. The contents of the run down line (approx 20-25 ltrs) drained out overflowing the side of the drip tray. Spill contained within bay / strip drain and sump.
12.09.2025	EVN-05140	Non-Conformance	Hired Carrier compliance	N/Ap	No	Vehicle YN79WY was waiting outside to enter the gantry. At the time the driver had a Flammable Placard on display. A Stolthaven Operator asked the driver if they had Flammables on board to which the driver responded he had 500L of petrol in compartment 2. The operator saw that this particular carrier (Maxi Tankers) was not on the list of authorized carriers to do mixed loads & when the operator informed the driver he stated that they had just been that day. The operator was unable to contact management to confirm if they been approved. The operator noted that the compartment in question was not locked out as is procedure for mixed loads, so he locked it out & discussed with the driver about locking out in future. The Operator then supervised the loading of the trailer to ensure that no problem occurred. The load was completed without issue & the driver left the terminal.
12.11.2025	EVN-05157	Near Miss	Unsafe Condition	N/Ap	Yes - NSW Safework & PoN	Mayfield 7 bunded manifold area: During hydro testing of our Terminal wharf hoses by approved Terminal maint. contractor, a 4m x 200mm Danoil composite hose (diesel service only) which had been filled with water and bled of air, was being pressurised up to 1500kpa. At approx. 1000kpa the ferral / flange end detached under pressure. No injuries were sustained however the incident had potential to injure.
12.19.2025	EVN-05184	Incident	Damage / Malfunction	1 Minor	No	During the final stages of prestart testing for the discharge of the ship 'Forever Prosperity' diesel samples were being finalised by third party chemist (Intertek) when the Stanhope Seta MFT machine (diesel filterability testing) experienced a gradual electrical failure. The machine is approx 13 years old & appeared to have a fault beyond the main circuit fuse / powerpack that requires professional attention.
12.19.2025	EVN-05185	Incident	Damage / Malfunction	0 Minor	No	B double loading in Bay 2 overnight experienced mechanical issues & was unable to start the truck when trying to move from loading A trailer.

Appendix F

Pipeline Integrity Test Report

Hancock & Owen Services Pty Ltd

PIPELINE PRESSURE TEST CERTIFICATE

Customer Site: Stolthaven	**Certificate No. HO 181025**

Project Name: Wharfline	**System**: Diesel
Flow Medium: Diesel	**Location**: Newcastle
Site Drawing No. (s) : N/A	

Piping Code: ASME B31.3	**Design Temp.**: 0-40 deg C

Test Medium: Diesel	**Test Pressure**: 1500 kPa			
Test Duration: 1 hour	**Start**	11.00am	**Finish**	12.00pm
Test Date: 18/10/25	**Testing Officer: Russell Hancock**			
ISO No.	**LINE No.**			
	Wharfline			

Gauge No: HO01

	Completed By	Approved By	Accepted By
Company	H&O	H&O	
Name	Russell Hancock	Tom Relf	
Signature			
Date	18/10/25	18/10/25	

Appendix G

2025 Waste Management

Environmental - Waste Management

Effluent

Date	Terminal Quantity	Mayfield 7 Quantity	Company
2/01/25	2,000	200	Veolia
9/01/25	1,900	300	Veolia
16/01/25	2,800	700	Veolia
23/01/25	3,000	1,500	Veolia
30/01/25	2,800	700	Veolia
7/02/25	4,000	0	Veolia
13/02/25	2,900	1,500	Veolia
20/02/25	3,000	0	Veolia
27/02/25	2,900	200	Veolia
7/03/25	3,800	350	Veolia
13/03/25	2,300	700	Veolia
20/03/25	3,500	1,200	Veolia
27/03/25	3,500	800	Veolia
3/04/25	3,000	600	Veolia
10/04/25	3,500	500	Veolia
17/04/25	3,000	500	Veolia
24/04/25	2,700	300	Veolia
1/05/25	2,800	200	Veolia
8/05/25	3,200	800	Veolia
15/05/25	3,100	900	Veolia
22/05/25	3,300	700	Veolia
29/05/25	3,200	800	Veolia
6/05/25	3,200	1,000	Veolia
12/06/25	2,800	400	Veolia
19/06/25	2,800	400	Veolia
26/06/25	4,000	800	Veolia
3/07/25	3,000	400	Veolia
10/07/25	3,500	500	Veolia
17/07/25	3,500	200	Veolia
24/07/25	3,000	300	Veolia
31/07/25	3,700	300	Veolia
7/08/25	3,000	400	Veolia
14/08/25	3,200	300	Veolia
22/08/25	3,100	400	Veolia
28/08/25	3,000	400	Veolia
4/09/25	3,100	300	Veolia
11/09/25	3,000	500	Veolia
18/09/25	2,500	700	Veolia
25/09/25	3,000	500	Veolia
2/10/25	3,600	300	Veolia
9/10/25	2,200	300	Veolia
16/10/25	2,100	400	Veolia
23/10/25	3,000	1,500	Veolia
30/10/25	2,500	500	Veolia
6/11/25	3,500	500	Veolia
13/11/25	3,000	500	Veolia
20/11/25	2,500	300	Veolia
27/11/25	3,200	300	Veolia
4/12/25	4,000	300	Veolia
11/12/25	3,600	500	Veolia
18/12/25	3,000	400	Veolia
24/12/25	3,000	300	Veolia
31/12/25	2,600	200	Veolia

Hazardous Waste (Liquid)

Date	Quantity	Transfers	Company
2/01/25	0	24,597	JLP Transfer
24/01/25	0	19,400	JLP Transfer
29/01/25	21,900.00	0	Veolia
14/02/25	0	20,500	JLP Transfer
5/03/25	0	16,330	JLP Transfer
25/03/25	0	16,250	JLP Transfer
7/03/25	0	12,000	JLP Transfer
28/04/25	0	20,500	JLP Transfer
2/05/25	25,500	0	Veolia
9/05/25	0	9,000	JLP Transfer
20/05/25	20,000	0	Veolia
29/05/25	0	18,500	JLP Transfer
18/06/25	0	18,500	JLP Transfer
27/06/25	0	13,500	JLP Transfer
17/07/25	0	19,400	JLP Transfer
31/07/25	0	13,000	JLP Transfer
6/08/25	20,000	0	Veolia
7/08/25	13,000	0	Cleanaway
20/08/25	0	17,000	JLP Transfer
11/09/25	0	21,400	JLP Transfer
24/09/25	0	22,630	JLP Transfer
15/10/25	0	20,250	JLP Transfer
3/11/25	0	15,520	JLP Transfer
17/11/25	0	14,500	JLP Transfer
10/12/25	0	24,000	JLP Transfer
17/12/25	0	9,500	JLP Transfer
13/01/26	0	21,030	JLP Transfer

Hazardous Waste (Solid)

Date	Bin 1,100lt	Bin 660lt	Drums / IBC (Empty) 20lt	IBC	200lt	Soil (Removed from Site - kg)	Other	Company
7/01/25	1	1	0	0	0	0	0	A.E.S
11/02/25	1	1	10	2	0	0	0	A.E.S
21/03/25	1	1	16	0	0	0	0	A.E.S
7/05/25	1	1	16	1	0	0	0	A.E.S
4/06/25	0	1	0	8	0	0	0	A.E.S
19/06/25	1	1	7	3	1	0	0	A.E.S
17/07/25	1	1	13	0	0	0	0	A.E.S
14/08/25	0	1	8	1	0	0	0	A.E.S
9/09/25	1	1	7	1	0	0	0	A.E.S
9/10/25	1	1	15	0	0	0	0	A.E.S
27/11/25	0	1	5	2	0	0	0	A.E.S
18/12/25	1	1	0	1	0	0	0	A.E.S

General - Recycled & Green Waste (Non Hazardous)

Date	General Waste Bin (1.5 M3)	Recycled Bin Co-Mingled 1,100 lt	Printer Cartridge Recycle (15 kg)	Vegetation (kg)	Other (ton)	Company	Recycling Review Period - Annually
1/01/25	0	1	0	0	0	Cleanaway	
7/01/25	1	0	0	0	0	Cleanaway	
14/01/25	1	0	0	0	0	Cleanaway	
15/01/25	0	1	0	0	0	Cleanaway	
21/01/25	1	0	0	0	0	Cleanaway	
28/01/25	1	0	0	0	0	Cleanaway	
29/01/25	0	1	0	0	0	Cleanaway	
4/02/25	1	0	0	0	0	Cleanaway	
11/02/25	1	0	0	0	0	Cleanaway	
12/02/25	0	1	0	0	0	Cleanaway	
18/02/25	1	0	0	0	0	Cleanaway	
25/02/25	1	0	0	0	0	Cleanaway	
26/02/25	0	1	0	0	0	Cleanaway	
4/03/25	1	0	0	0	0	Cleanaway	
5/03/25	0	1	0	0	0	Cleanaway	
11/03/25	1	0	0	0	0	Cleanaway	
12/03/25	0	1	0	0	0	Cleanaway	
18/03/25	1	0	0	0	0	Cleanaway	
25/03/25	1	0	0	0	0	Cleanaway	
26/03/25	0	1	0	0	0	Cleanaway	
1/04/25	1	0	0	0	0	Cleanaway	
8/04/25	1	0	0	0	0	Cleanaway	
9/04/25	0	1	0	0	0	Cleanaway	
15/04/25	1	0	0	0	0	Cleanaway	
22/04/25	1	0	0	0	0	Cleanaway	
23/04/25	0	1	0	0	0	Cleanaway	
29/04/25	1	0	0	0	0	Cleanaway	
6/05/25	1	0	0	0	0	Cleanaway	
7/05/25	0	1	0	0	0	Cleanaway	
13/05/25	1	0	0	0	0	Cleanaway	
20/05/25	1	0	0	0	0	Cleanaway	
21/05/25	0	1	0	0	0	Cleanaway	
27/05/25	1	0	0	0	0	Cleanaway	
3/06/25	1	0	0	0	0	Cleanaway	
4/06/25	0	1	0	0	0	Cleanaway	
12/06/25	1	0	0	0	0	Cleanaway	
17/06/25	1	0	0	0	0	Cleanaway	
18/06/25	0	1	0	0	0	Cleanaway	
24/06/25	1	0	0	0	0	Cleanaway	
25/06/25	1	0	0	0	0	Cleanaway	
1/07/25	1	0	0	0	0	Cleanaway	
2/07/25	0	1	0	0	0	Cleanaway	
8/07/25	1	0	0	0	0	Cleanaway	
15/07/25	1	0	0	0	0	Cleanaway	
16/07/25	0	1	0	0	0	Cleanaway	
22/07/25	1	0	0	0	0	Cleanaway	
29/07/25	1	0	0	0	0	Cleanaway	
30/07/25	0	1	0	0	0	Cleanaway	
5/08/25	1	0	0	0	0	Cleanaway	
12/08/25	1	0	0	0	0	Cleanaway	
13/08/25	0	1	0	0	0	Cleanaway	
19/08/25	1	0	0	0	0	Cleanaway	
26/08/25	1	0	0	0	0	Cleanaway	
27/08/25	0	1	0	0	0	Cleanaway	
2/09/25	1	0	0	0	0	Cleanaway	
9/09/25	1	0	0	0	0	Cleanaway	
10/09/25	0	1	0	0	0	Cleanaway	
16/09/25	1	0	0	0	0	Cleanaway	
23/09/25	1	0	0	0	0	Cleanaway	
24/09/25	0	1	0	0	0	Cleanaway	
30/09/25	1	0	0	0	0	Cleanaway	
7/10/25	1	0	0	0	0	Cleanaway	
8/10/25	0	1	0	0	0	Cleanaway	
14/10/25	1	0	0	0	0	Cleanaway	
21/10/25	1	0	0	0	0	Cleanaway	
22/10/25	0	1	0	0	0	Cleanaway	
28/10/25	1	0	0	0	0	Cleanaway	
4/11/25	1	0	0	0	0	Cleanaway	
5/11/25	0	1	0	0	0	Cleanaway	
11/11/25	1	0	0	0	0	Cleanaway	
18/11/25	1	0	0	0	0	Cleanaway	
19/11/25	0	1	0	0	0	Cleanaway	
25/11/25	1	0	0	0	0	Cleanaway	
2/12/25	1	0	0	0	0	Cleanaway	
3/12/25	0	1	0	0	0	Cleanaway	
9/12/25	1	0	0	0	0	Cleanaway	
16/12/25	1	0	0	0	0	Cleanaway	
17/12/25	0	1	0	0	0	Cleanaway	
23/12/25	1	0	0	0	0	Cleanaway	
30/12/25	1	0	0	0	0	Cleanaway	
31/12/25	0	1	0	0	0	Cleanaway	See note on Recycling review

Appendix H

IEA response to recommendations

NC#	Condition ID	Audit Recommendation	Stolthaven Response
NC1	*SSD 7065 – B2*	*No recommendation is made under these conditions as the Applicant will be addressing the individual recommendations made under the non-compliances NC2, NC3 and NC4 identified in this IEA.*	Noted.
NC2	*SSD 7065 – C21*	*No recommendations made as all corrective actions had been implemented.*	Noted.
NC3	*SSD 7065 – D10, D11*	*Stolthaven's Emergency Plan should be updated with regards to Section 9.0 and 10.0 on incident management. The decision-making process to determine whether an incident meets the criteria to be "an incident that causes (or may cause) material harm to the environment" should be described in the Emergency Plan to address the notification/ incident reporting requirements of both EPL 20193 and SSD 7065.*	Stolthaven's Emergency Response Plan (ERP) was updated with guidance, as detailed in the IEA recommendation. The updated ERP (ver 12.2) was published in June 2025 following the Plan's annual review. *Site ref EcoPortal Action-1104 - closed*
NC4	*SSD 7065 – D13*	*The 2025 IEA and Response to Recommendations be provided to the Secretary and PON, in addition to the NSW EPA, within three months of the 2025 IEA commissioning.*	The 2025 IEA and Response to Recommendations was emailed to the Secretary on 02/04/2025 & PoN & EPA on 02/04/2025. *Site ref EcoPortal Action-1105 - closed*
Recomm	*SSD 7065 – C46*	*Consider if the collection of air compressor receiver oily-water bleed collection could be improved.*	Compressor contractor arranged and installed oily-water collector on air receiver - May 30th 2025. *Site ref EcoPortal Action-1106 - closed* *Ultimo # 0059921*

Appendix I

Conditions of Consent SSD_7065

Schedule B – General Administrative Conditions – Compliance Requirements		
No	Description	Statement of Compliance
B1.	**Obligation to Minimise Harm to the Environment** In addition to meeting the specific performance criteria established under this consent, the Applicant shall implement all reasonable and feasible measures to prevent and/or minimise any harm to the environment that may result from the Development.	Noted
B2.	**Terms of Consent** The Applicant shall carry out the Development in accordance with the: a) State Significant Development Application SSD 7065; b) EIS and RTS; c) the plans and drawings at Appendix 1; and d) the Management and Mitigation Measures at Appendix 2.	Noted
B3.	If there is any inconsistency between the plans and documentation referred to in Condition B2 above, the most recent document shall prevail to the extent of the inconsistency. However, the conditions of this consent shall prevail to the extent of any inconsistency.	Noted
B4.	The Applicant shall comply with any reasonable requirement(s) of the Secretary arising from the Department's assessment of: a) any reports, plans or correspondence submitted in accordance with this consent; and b) the implementation of any actions or measures contained in these documents.	Noted
B5.	**Limits of Consent** This consent lapses five years after the date from which it operates, unless the Development has physically commenced on the land to which the consent applies before the date on which the consent would otherwise lapse under Section 95 of the EP&A Act.	Noted, Physical commencement has been triggered.
B6	The Applicant shall not increase the throughput of combustible liquids above 1,300 million litres (ML) per year until SSD 6664 has been surrendered in accordance with Condition B11, and an amended EPL has been issued for the Development. The Applicant shall provide a copy of the amended EPL to the Secretary prior to increasing throughput above 1,300 ML per year.	No exceedance of annual throughput limits (refer to **Section 9.0** of this Annual Review)
B7	Following the receipt of an amended EPL for the Development and the surrender of SSD 6664 in accordance with Condition B11, the Applicant shall: a) not receive, store and dispatch more than 3,500ML of flammable and combustible liquids on the Site per year; and b) ensure the storage capacity at the Site does not exceed 355.7 ML of flammable and combustible liquids at any one time.	Noted (refer to **Table 2-3** of this Annual Review)
B8	The Applicant shall not receive flammable liquids from the M4 berth at any time.	No flammable liquids other than those specified in this condition were stored in bulk at the Site (refer to **Section 9.0** of this Annual Review)
B9	Following the receipt of an amended EPL for the storage of additives on the Site, the Applicant may receive, store and use additives on Site in Intermediate Bulk Containers (IBCs) as described in the RTS, subject to implementation of the following measures, to the satisfaction of the Secretary:	MP 08_0130 has been surrendered.

	a) storage of additives in IBCs within a bund constructed in accordance with Australian Standard 1940-2004: The storage and handling of flammable and combustible liquids; and b) implementation of relevant safety procedures for fire safety and protection of personnel as required by Condition C4b). Note: If an amended EPL is not required for the storage of additives in IBCs on the Site, the Applicant may store and used additives in IBCs on the Site from the date of this consent, subject to satisfactory implementation of Conditions B9a) and B9b) above.	
B10	The Applicant shall not use more than 30,000 litres of additives from IBCs on the Site per year, until the vapour recovery unit is installed and commissioned in accordance with Conditions C15 and C16.	EPL last updated 31 January 2020
B11	**Other Consents and Approvals** Prior to operation of the Development, or as otherwise agreed with the Secretary, the Applicant shall surrender development consent SSD 6664 for the Site in accordance with the EP&A Regulation. Note: This requirement does not extend to the surrender of construction and occupation certificates for existing and proposed building works under Part 4A of the EP&A Act. Surrender of a consent should not be understood as implying that works legally constructed under a valid consent can no longer be legally maintained or used.	Noted
B12	Prior to the commencement of operation, the Applicant shall provide written evidence to the satisfaction of the Secretary, demonstrating the M7 berth has all relevant approvals and licenses to receive flammable and combustible liquids by ship.	A new pipeline connecting the terminal to Mayfield Berth No. 7 was built during the 2018 reporting period as per the requirements of SSD_7065. The pipeline is not subject to the requirements of the BCA. No new buildings were built during this reporting period. No other elements of the project as approved under SSD_7065 have subsequently been initiated.
B13	Nothing in this consent impacts on the following consents/approvals: a) PA 12/001 issued under Section 111 of the EP&A Act dated 20 February 2012; and b) DA 293-08-00 as modified issued under Section 80 of the EP&A Act dated 6 April 2001.	Noted
B14	**Mayfield Concept Plan** The Applicant shall carry out the Development generally in accordance with the requirements of the Mayfield Concept Plan approval (09_0096), as modified.	There was no construction of utility works during the reporting period.
B15	Within six months of the commencement of operation, or as otherwise agreed with the PON, the Applicant shall decommission and remove the existing pipeline connection and associated infrastructure between the Site and the M4 berth, to the satisfaction of the PON. The Applicant shall provide a copy of the approval to undertake the demolition works and provide evidence of completion of the works, to the satisfaction of the Secretary.	The M4 pipeline has been removed in consultation with PON.
B16	**Statutory requirements** The Applicant shall ensure that all necessary licences, permits and approvals are obtained and kept up-to-date as required throughout the life of the Development. No condition of this consent removes the obligation for the Applicant to obtain, renew or comply with such licences, permits or approvals.	A set of the sites operational environmental management plans were submitted and approval by DPIE prior to the installation of the Mayfield Berth No. 7 pipeline.
B17	**Structural adequacy** The Applicant shall ensure new buildings and structures, and alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA.	Consent previously received.
B18	Under Part 4A of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works. Part 8 of the EP&A Regulation sets out the requirements for the certification of the Development.	Paid

B19	**Protection of Public Infrastructure** The Applicant shall: a) repair, or pay the full costs associated with repairing public infrastructure that is damaged by the Development; and b) relocate, or pay the full costs associated with relocating public infrastructure that needs to be relocated as a result of the Development.	Noted
B20	**Utilities and services** Utilities, services and other infrastructure potentially affected by the construction and operation of the Development shall be identified prior to construction, to determine requirements for access to, diversion, protection, and/or support. Consultation with the relevant owner and/or provider of services that are likely to be affected by the Development shall be undertaken to make suitable arrangements for access to, diversion, protection, and/or support of the affected infrastructure as required. The cost of any such arrangements shall be borne by the Applicant.	Hazard audit was not required during the reporting period.
B21	**Operation of Plant and Equipment** The Applicant shall ensure plant and equipment used for the Development is: a) maintained in a proper and efficient condition; and b) operated in a proper and efficient manner.	Noted
B22	**Staged Submission of Plans or Programs** With the approval of the Secretary, the Applicant may: a) submit any strategy, plan or program required by this consent on a progressive basis; and/or b) combine any strategy, plan or program required by this consent.	Noted
B23	**Development Contribution** Prior to operation of the Development, the Applicant shall pay Council $228,600 in development contributions. Note: This contribution is subject to indexation to reflect quarterly variations in the Consumer Price Index All Group Index Number for Sydney, as published by the Australian Bureau of Statistics.	A partial development contribution was paid to council during the previous reporting period for the operation of the new M7 pipeline where it falls within the consent area. The balance of constitutions would be paid when the remainder of the consent (additional tankage and truck loading gantry) is constructed.
B24	**Dispute Resolution** In the event that a dispute arises between the Applicant and Council, PON or a public authority, in relation to a requirement under this consent, or relevant matter relating to the Development, either party may refer the matter to the Secretary for resolution. The Secretary's determination of the dispute shall be final and binding on the parties.	Noted
B25	**Compliance** The Applicant shall ensure that employees, contractors and sub-contractors are aware of, and comply with, the conditions of this consent relevant to their respective activities.	Noted
B26	The Applicant shall be responsible for environmental impacts resulting from the actions of all persons that it invites onto the Site, including contractors, sub-contractors and visitors.	Noted

Schedule C – Specific Environmental Conditions – Compliance Requirements		
No	Description	Statement of Compliance
C1.	**Hazards** The Applicant shall implement: a) all control measures proposed in the PHA;	Copy of site auditor correspondence previously provided.

	b) all relevant actions, as listed in Appendix C of the PHA, in response to the recommendations from the Buncefield incident investigation report; and c) all recommendations of the PHA.	
C2.	Prior to completion of detailed design of the Development, or within such further period as the Secretary may agree, the Applicant shall prepare a Surge Study for the Development. The Study shall: a) be prepared in consultation with SafeWork NSW; b) consider scenarios including, but not limited to, pump trips and operation of the dry break coupling on marine loading arms; c) take into account the maximum pumping and tank filling rates when evaluating the pressures that can occur in the pipeline in a surge scenario; and d) evaluate the controls such as valve closing times and pressure rating of pipes and related equipment. The findings of the Surge Study shall be included in the Final Hazard Analysis required under Condition C4d).	No construction works took place during the reporting period.
C3.	Prior to finalising the detailed design of the Development, the Applicant shall consult with SafeWork NSW regarding any requirements under the Work Health and Safety Act 2011 and Work Health and Safety Regulation 2011.	No construction works took place during the reporting period.
C4	**Pre-construction** At least one month prior to the commencement of construction of the Development (except for construction of those preliminary works that are outside the scope of the hazard studies), or within such further period as the Secretary may agree, the Applicant shall prepare and submit for the approval of the Secretary the studies set out under subsections a) to d) (the pre-construction studies). Construction, other than of preliminary works, shall not commence until approval has been given by the Secretary and, with respect to the Fire Safety Study, approval has also been given by Fire and Rescue NSW (FRNSW). a) CONSTRUCTION SAFETY STUDY A Construction Safety Study prepared in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 7, 'Construction Safety Study Guidelines'. For developments in which the construction period exceeds six (6) months, the commissioning portion of the Construction Safety Study may be submitted two months prior to the commencement of commissioning. b) FIRE SAFETY STUDY The Applicant's Fire safety Study (FSS) shall be updated to incorporate any changes due to the Development. This Fire Safety Study shall be prepared with consultation with the FRNSW. This study shall cover the relevant aspects of the Department's Hazardous Industry Planning Advisory Paper No. 2, 'Fire Safety Study Guidelines' and the New South Wales Government's 'Best Practice Guidelines for Contaminated Water Retention and Treatment Systems'. Any outstanding issues from FRNSW shall be resolved and reported on in the FSS. c) HAZARD AND OPERABILITY STUDY A Hazard and Operability Study (HAZOP) for the	Copy of site auditor correspondence previously provided.

	Development chaired by an independent qualified person approved by the Secretary prior to the commencement of the study. In addition, the following shall be covered in the HAZOP: surge issues for the various operating scenarios; the ullage (in the tanks) above the high high alarm/emergency shutdown level, taking into account the slow closing time assigned to the emergency shutdown valves by the surge study required under Condition C2 above; and the study shall be carried out in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 8, 'HAZOP Guidelines'. The study report must be accompanied by a program for the implementation of all recommendations made in the study. Safety related recommendations must be included in the final design of the Development. If the Applicant intends to defer the implementation of a recommendation, justification must be included. NSW Government Department of Planning and Environment 5 d) FINAL HAZARD ANALYSIS A Final Hazard Analysis of the overall Site, consistent with the Department's Hazardous Industry Planning Advisory Paper No. 6, 'Hazard Analysis'. The FHA shall report on the implementation of the recommendations of the PHA. The FHA shall: • demonstrate that the tank overfill protection system (for all tanks) reduces the risk so far as reasonably practicable, and it achieves as a minimum safety integrity level (SIL) 2 rating. A SIL allocation and verification report for the Development shall be undertaken and enclosed in the FHA; • re-evaluate and confirm all relevant data and assumptions from the PHA, in particular, the outcomes of the surge analysis that may result in changes in the risk assessment and impact on the overall risk from the facility; • re-evaluate and confirm all control measures proposed for prevention and mitigation of incidents; and • report on implementation of the recommendations of the PHA.	
C5.	**Pre-commissioning** The Applicant shall develop and implement the plans and systems set out under subsections a) to c). No later than two months prior to the commencement of commissioning of the Development, or within such further period as the Secretary may agree, the Applicant shall submit, for the approval of the Secretary, documentation describing those plans and systems. Commissioning shall not commence until approval has been given by the Secretary. a) TRANSPORT OF HAZARDOUS MATERIALS Arrangements covering the transport of hazardous materials including details of routes to be used for the movement of vehicles carrying hazardous materials to or from the Site. The routes selected shall be consistent with the Department's Hazardous Industry Planning Advisory Paper No. 11, 'Route Selection'. Suitable routes identified in the study shall be used except where departures are necessary for local deliveries or emergencies. b) EMERGENCY PLAN The Applicant's Emergency Plan and detailed emergency procedures shall be updated to incorporate any changes due to the Development. The plan shall include detailed procedures for the safety of all people outside of the Site who may be at risk from the Site. The plan shall be in accordance	No soil imported during the reporting period.

	with the Department's Hazardous Industry Planning Advisory Paper No. 1, 'Industry Emergency Planning Guidelines'. c) SAFETY MANAGEMENT SYSTEM The Applicant's Safety Management System shall be updated to include any changes due to the Development. The document shall clearly specify all safety related procedures, responsibilities and policies, along with details of mechanisms for ensuring adherence to the procedures. Records shall be kept on Site and shall be available for inspection by the Secretary upon request. The Safety Management System shall be developed in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 9, 'Safety Management'. An inspection, testing and preventive maintenance program should be developed, implemented and maintained to ensure the reliability and availability of the key safety critical equipment is, at a minimum, consistent with the data estimated in the PHA.	
C6.	**Pre-startup Compliance Report** One month prior to the commencement of operation of the Development, the Applicant shall submit to the Secretary, a report detailing compliance with Conditions C4 and C5, including: a) dates of study/plan/system submission, approval, commencement of construction and commissioning; b) actions taken or proposed, to implement the recommendations and safety-related control measures in the studies/plans/systems; c) a pre-startup safety review/checklist; and d) responses to each requirement imposed by the Secretary under Condition C9 of this Schedule.	Existing Groundwater Monitoring bores installed pursuant to the Water Management Act 2000.
C7.	**Post-startup Compliance Report** Three months after the commencement of operation of the Development, the Applicant shall submit to the Secretary, a report verifying that: a) the Emergency Plan required under Condition C5b) is effectively in place and that at least one emergency exercise has been conducted; and NSW Government Department of Planning and Environment 6 b) the Safety Management System required under Condition C5c) has been fully implemented and that records required by the system are being kept.	All water discharged from the Site complied with the relevant EPL conditions (refer to **Section 7.3** of this Annual Review)
C8.	**Ongoing** HAZARD AUDIT Twelve months after the commencement of operation of the Development and every three years thereafter, or at such intervals as the Secretary may agree, the Applicant shall carry out a comprehensive Hazard Audit of the Site and within one month of each audit submit a report to the Secretary. The audits shall be carried out at the Applicant's expense by a qualified person or team, independent of the Site, approved by the Secretary prior to commencement of each audit. Hazard Audits shall be consistent with the Department's Hazardous Industry Planning Advisory Paper No. 5, 'Hazard Audit Guidelines' (HIPAP No. 5). The audit reports shall, in addition to the requirements provided in HIPAP No 5: a) verify implementation of all actions proposed by the Applicant in response to the recommendations from the Buncefield incident investigation report as contained in Appendix C of the PHA;	Refer Aurecon Design Compliance Statement previously provided to DPIE.

	b) verify that an inspection, testing and preventative maintenance program has been developed, implemented and maintained to ensure the reliability and availability of key safety critical equipment; c) confirm the throughput and storage quantities of potentially hazardous materials are consistent with the PHA; and d) verify implementation of any measures arising from the reports submitted in respect of Conditions C1 to C5 of this Schedule. The audit report must be accompanied by a program for the implementation of all recommendations made in the audit report. If the Applicant intends to defer the implementation of a recommendation, reasons must be documented. This audit report must also be submitted to SafeWork NSW.	
C9.	**Further requirements** The Applicant shall comply with all reasonable requirements of the Secretary in respect of the implementation of any measures arising from the reports submitted in respect of Conditions C1 to C8, within such time as the Secretary may agree.	No changes occurred to the stormwater management system previously approved by PON.
C10.	The Applicant shall contribute to, in so far as it relates to the Site, preparation of or updates to the following plans and audits for the Mayfield Concept Plan, in consultation with the PON: a) the Mayfield Site Precinct Emergency Management Plan, February 2016 consistent with the Department's Hazardous Industry Advisory Paper No. 1 – Emergency Planning; b) a Safety Management System, consistent with the Department's Hazardous Industry Advisory Paper No. 9 – Safety Management; and c) hazard audits, consistent with the Department's Hazardous Industry Advisory Paper No. 5 – Hazard Audit Guidelines. Notes: • The intent of the condition is to ensure any cumulative hazard issues across the Mayfield Concept Plan area are identified and managed; and • The relative contribution by the Applicant and timing shall be determined in consultation with the PON, to the satisfaction of the Secretary.	Updated. See letter from DPIE
C11	**Air Quality Limits** The Applicant shall install and operate equipment to ensure the Site complies with all load limits, air quality criteria and air quality monitoring requirements as specified in an EPL for the Site.	Noted
C12	**Offensive Odour** The Applicant shall not cause or permit the emission of offensive odours beyond the boundary of the Site, as defined under Section 129 of the POEO Act.	Noted
C13	**Dust Minimisation** The Applicant shall carry out all reasonable and feasible measures to minimise dust generated by the Site	Noted
C14	During construction and operation of the Development, the Applicant shall ensure: a) all vehicles on Site do not exceed the designated on Site speed limit; b) all loaded vehicles entering or leaving the Site have their loads covered; and	Noted

	c) all vehicles leaving the Site are cleaned of dirt, sand and other materials before they leave the Site, to avoid tracking these materials on to public roads.	
C15	**Vapour Recovery Unit** The Applicant shall install and commission a vapour recovery unit on the six bay truck loading gantry prior to: a) annual throughput of petroleum products exceeding 1,300 ML; or b) bulk storage of any Class 3 Flammable Liquid Dangerous Goods, described in the EIS.	No flammable products or products in excess of 1,300ML have been through thre site during the reporting period therefore the need for Vapour Recovery Unit (VRU) has not yet been triggers.
C16	The vapour recovery unit shall be designed, constructed and operated in accordance with the requirements of the EPL.	Noted
C17	The Applicant shall monitor emissions from the vapour recovery unit stack in accordance with the requirements of the EPL. The monitoring data shall be reported to the PON on a quarterly basis, or in accordance with the monitoring frequency required in the EPL	Noted. The VRU is not yet required and therefore hasn't been installed.
C18	If the results of monitoring show any impact greater than that predicted by the air quality modelling in the EIS, the Applicant shall investigate and implement further air quality mitigation measures as directed by the Secretary or the EPA.	Noted.
C19	**Air Quality Management Plan** The Applicant shall update the existing Air Quality Management Plan for the Site to include the Development, to the satisfaction of the Secretary. This plan shall: a) be approved by the Secretary prior to operation of the Development; b) describe the measures that would be implemented to ensure compliance with the relevant conditions of this consent and the EPL; c) describe the air quality monitoring to measure the performance of the Development against the conditions of this consent and the EPL; and d) demonstrate the air quality measures for the Development are consistent with the PON's Mayfield Air Quality Monitoring Plan, October 2015, or its latest version	Plan has been previously updated
C20	**Greenhouse Gas** The Applicant shall implement all reasonable and feasible measures to minimise energy use on Site and greenhouse gas emissions produced on site.	Noted
C21	**Meteorological Monitoring** The Applicant shall install, operate and maintain a meteorological weather station on the Site that complies with the requirements of an EPL for the Site.	
C22	**Traffic Movements** The Applicant shall: a) keep accurate records of truck movements including: • total hourly truck movements in peak periods; • total truck movements per day; • total truck movements per annum; • the volume of flammable and combustible liquids received, stored and dispatched; b) report these records in the Annual Review; and c) provide these records to PON on a bi-monthly basis.	Records are maintained and reported in accordance with this condition (Refer to **Section 9.2, 9.2.1** and **Appendix D** of this Annual Review)
C23	The Applicant shall ensure: a) all internal roads and parking (including driveways, grades, lighting, aisle widths, aisle lengths, turning paths, sight distance requirements and parking bay dimensions)	Noted

	associated with the Development are designed and constructed in accordance with the latest versions of the Australian Standards 2890.1:2004 and 2890.2:2002; b) internal roads accessed by heavy vehicles are designed to ensure the swept paths of the longest vehicle and manoeuvrability through the site is in accordance with AUSTROADS – Guide to Road Design; and NSW Government Department of Planning and Environment 8 c) car, motorbike and bicycle parking spaces are provided on site in accordance with the requirements of the Newcastle Development Control Plan, 2012, where relevant.	
C24	The Applicant shall ensure: a) all heavy vehicle movements to and from the Site are made in a forward direction; and b) vehicles associated with the Site do not park or queue on the public road network outside the Mayfield Concept Plan area.	Noted
C25	The Applicant shall update the existing operational Traffic Management Plan for the Site to include the Development. The plan shall: a) be approved by RMS and the Secretary prior to operation of the Development; b) be prepared in consultation with PON, PNSW, Council, RMS, adjoining land owners and the local community; c) detail vehicle routes, access arrangements and coordination with other developments in the Mayfield Concept Plan area; d) include details of driver training awareness to minimise noise, in particular from reversing alarms and compression braking; e) detail procedures for assessing the effectiveness of measures to minimise heavy vehicles accessing residential streets; f) detail procedures for managing operational traffic, including adherence to the Australian Code for Transport of Dangerous Goods by Road and Rail, January 1998 or its latest version; and g) be updated to be consistent with the PON's Traffic Management Plan, Mayfield Concept Plan, November 2015 or its latest version.	Updated. See letter from DPIE
C26	The Applicant shall comply with the hours of work in Table 1: **Construction:** Monday to Friday - 7 am – 6 pm Saturday 8 am – 1 pm Sunday & Public Holidays – nil **Operation** Monday – Sunday – 24 hours	Noted
C27	The Applicant shall implement all reasonable and feasible management and mitigation measures to ensure noise generated during construction of the Development does not exceed the construction noise goals in Table 2 of the consent conditions.	Noted
C28	Construction outside of the hours identified in Condition C26 may be undertaken in the following circumstances: a) works that are inaudible at the nearest sensitive receivers; b) works agreed to in writing by the Secretary;	Noted

	c) for the delivery of materials required outside these hours by the NSW Police Force or other authorities for safety reasons; or d) where it is required in an emergency to avoid the loss of lives, property and/or to prevent environmental harm	
C29	**Mayfield Concept Plan Site Noise Model** Prior to the commencement of construction of the Development, the Applicant shall provide the Noise and Vibration Impact Assessment, prepared by AECOM dated 19 February 2016, including all modelling data, to the PON for the purposes of updating the Site Noise Mode	Previously provided to PON
C30	The Applicant shall ensure noise from the Site does not exceed the noise limits in Table 3	Noise limits comply with this consent condition (Refer to **Section 8.0** of this Annual Review)
C31	The Applicant shall ensure fire pumps on the Site are designed and operated so that noise from routine testing or maintenance is not more than $L_{eq(15min)}$ 53 dB(A) at sensitive receivers. Routine testing or maintenance must only occur during the day time	Noise limits comply with this consent condition (Refer to **Section 8.0** of this Annual Review)
C32	The Applicant shall: a) ensure noise from the Site does not exceed the noise quotas provided by the PON in accordance with the Site Noise Model; and b) comply with the directions of the PON in relation to the management of noise from the Site.	Noise limits comply with this consent condition (Refer to **Section 8.0** of this Annual Review)
C33	The Applicant shall: a) implement all reasonable and feasible noise management and mitigation measures to prevent and minimise noise from the Site; b) implement, where possible, a safe system of work so that tonal movement alarms, such as reversing beepers, are not needed on the Site; c) maintain the effectiveness of any noise suppression equipment or plant at all times and ensure defective plant that may generate offensive noise is not used operationally until fully repaired; and d) regularly assess noise monitoring data and relocate, modify and/or stop operations to ensure compliance with the relevant conditions of this consent	Noted
C34	**Noise Management Plan** The Applicant shall update the existing Noise Management Plan for the Site to include the Development. The plan shall: a) be prepared by a suitably qualified expert, in accordance with EPA Guidelines; b) be approved by the Secretary prior to operation of the Development; c) describe the measures that would be implemented to ensure compliance with the: i. noise limits in Condition C30; and ii. noise quotas provided by PON, to maintain compliance with the noise goals in the Mayfield Concept Plan; d) include a procedure for implementing noise mitigation measures, should the Applicant be directed to by the EPA, PON or the Secretary, or should non-compliances be detected; and e) include procedures to receive, record and respond to complaints.	Previously updated
C35	The Applicant shall monitor noise from the Site. The monitoring shall:	Noise monitoring reports prepared and included in **Section 8.0** of this Annual Review

	a) be undertaken annually, or to address genuine noise complaints related to the Site as determined by the Secretary, EPA or the PON; b) be undertaken in accordance with the NSW Industrial Noise Policy and the Noise Verification Monitoring Plan, October 2015 or its latest version; c) demonstrate compliance with the noise limits in this consent and the noise quotas provided by PON in accordance with the Mayfield Concept Plan; and d) be reported annually to the Secretary, EPA and the PON. Note: The monitoring requirements could be satisfied by the monitoring network required for the Mayfield Concept Plan once established.	
C36	**Statutory Requirements** The Applicant shall carry out the Development in accordance with the requirements of the: a) Remediation Notice; and b) CSMP	Copy of site auditor correspondence previously provided.
C37	Prior to commencement of construction, the Applicant shall provide written evidence to the Secretary from the Site Auditor confirming that all construction works associated with the Development meet the requirements of the documents listed in Condition C36 above	Copy of site auditor correspondence previously provided.
C38	Prior to commencement of operation, the Applicant shall provide written evidence to the Secretary from the Site Auditor confirming that all works associated with the Development have been constructed in accordance with the requirements of the documents listed in Condition C36 above.	Copy of site auditor correspondence previously provided.
C39	**Human Health Risk** The Applicant shall provide written advice from the Site Auditor confirming that all works associated with the Development would be constructed to address any risk of harm to human health posed by the potential ingress of volatile vapours into buildings and confined spaces	Copy of site auditor correspondence previously provided.
C40	**Imported Soil** The Applicant shall: a) ensure that only VENM or ENM or other material approved in writing by the EPA or the Site Auditor is used as fill on the Site; b) keep accurate records of the volume and type of fill to be used on Site; and c) make these records available to PON and the Secretary upon request.	No soil imported to site during this reporting period
C41	**Water licences** The Applicant is required to obtain the necessary water licences for the Development under the Water Act 1912 and/or the Water Management Act 2000. Note: Licences are required for groundwater bores, excavations that may intercept groundwater, dewatering activities and extraction or interception of surface water.	Groundwater monitoring bores installed pursuant to the *Water Management Act 2000*
C42	**Discharge Limits** The Applicant shall ensure all water discharges from the Site comply with the requirements specified in an EPL for the Site	All water discharged from the Site complied with the relevant EPL conditions (refer to **Section 7.3** of this Annual Review)
C43	**Stormwater and Drainage System** The Applicant shall maintain the stormwater and drainage system for the Site to the satisfaction of PON	No changes occurred to the stormwater management system previously approved by PON.
C44	**Stormwater and Drainage Management Plan** The Applicant shall update the existing Stormwater and Drainage Management Plan for the Site to include the Development, to the satisfaction of the Secretary. The plan shall: a) be updated prior to operation of the Development; b) be prepared in accordance with OEH's Managing Urban	This plan was reviewed and updated to be consistent with SSD_7065 during the 2018 reporting period. DPIE subsequently approved the updated plan.

	b) Stormwater and other relevant guidelines; c) detail the stormwater infrastructure to be installed for the Development and detail how it integrates with the existing stormwater system on the Site; d) describe the measures to be implemented to maintain this infrastructure over time; e) include a program to monitor stormwater quality and quantity; and f) detail how the stormwater infrastructure integrates and is consistent with the PON's Concept Stormwater Management Strategy dated 9 July 2015 or its latest version.	
C45	**Water Management Plan** The Applicant shall update the existing Water Management Plan for the Site to include the Development, to the satisfaction of the Secretary. The plan shall: a) be updated prior to operation of the Development; b) include procedures for the prevention and management of spills and leaks from the Development, including the terminal, M7 berth and pipeline; c) include a surface water monitoring program to measure the quality and quantity of water discharges from the Site in accordance with an EPL for the Site; d) include a groundwater monitoring program to evaluate the integrity of the surface capping in minimising groundwater contamination and monitor in accordance with the requirements of an EPL for the Site; and e) include a surface and groundwater response plan, including remedial actions and procedures to be followed in the event of an incident.	This plan was reviewed and updated to be consistent with SSD_7065 during the 2018 reporting period. DPIE subsequently approved the updated plan.
C46	**Bunding and Storage of Liquids** The Applicant shall store all chemicals, fuels and oils used on the Site in appropriately bunded areas in accordance with the requirements of all relevant Australian Standards, and/or the EPA's Storing and Handling of Liquids: Environmental Protection – Participants Handbook.	Noted
C47	The Applicant shall ensure all bunds: a) have impervious walls and floors; b) are of sufficient capacity to contain 110% of the volume of the tank (or 110% of the volume of the largest tank where a group of tanks are installed); c) have floors graded to a collection sump; and d) do not have a drain valve incorporated in the bund structure, or are constructed and operated in a manner that achieves the same environmental outcome.	Refer Aurecon Design Compliance Statement previously provided to DPIE
C48	**Leak Prevention** The Applicant shall: a) conduct annual integrity testing on the petroleum product pipeline extending between the terminal and the M7 berth; b) conduct leak testing of the petroleum products pipeline extending between the terminal and the M7 berth prior to each transfer of product; c) conduct surveillance checks on the pipeline prior to the commencement of and during transfer operations of any petroleum products; and d) maintain a register for all integrity and pressure tests conducted on the pipeline extending between the terminal and the M7 berth	Annual pipeline integrity testing undertaken (Refer **Section 13.3** and **Appendix G** of this Annual Review
C49	**UTILITIES AND SERVICES** The Applicant shall update the existing Utilities and	This plan was reviewed and updated to be consistent with SSD_7065 during the

	Services Plan for the Site to include the Development. The plan must: a) be updated prior to operation of the Development; b) be prepared in consultation with relevant utility and service providers and adjacent landowners, where relevant; c) include an implementation schedule which shows how all essential utilities and services are to be provided to the Site; d) provide a copy of all necessary consents from relevant utility and service providers showing that access to these utilities and services is available and secured; and e) include a strategy to integrate all utilities and services with the broader system to be provided by PON for the Mayfield Concept Plan, and be consistent with the Utilities Infrastructure Plan, July 2015, or its latest version.	reporting period. DPIE subsequently approved the updated plan
C50	**Landscaping** The Applicant shall update the existing Landscape Management Plan for the Site to include the Development, to the satisfaction of the Secretary. The Plan must: a) be prepared in consultation with PON and in accordance with the relevant requirements of the Newcastle Development Control Plan, 2012; b) be updated and implemented prior to operation of the Development; c) demonstrate the building treatments are of sufficient design quality to minimise the visual impacts of the Site, and include a variety of materials and external finishes; d) illustrate the location, species and mature heights of plants to be established on Site; e) provide for the maintenance of the landscaping on Site; and f) ensure the administration building and landscaping is consistent with the requirements of the PON acknowledging the Site's location at the entrance to the Mayfield Concept Plan area.	Plan has been previously updated
C51	**Building Materials** Where possible the Applicant shall utilise building materials that minimise the potential visibility of the Development, including non-reflective materials	Noted
C52	**Lighting** The Applicant shall ensure any lighting associated with the Site: a) complies with the latest version of Australian Standard AS 4282 (INT)-Control of Obtrusive Effects of Outdoor Lighting, where relevant; and b) is mounted, screened and directed in such a manner that it does not create a nuisance to surrounding properties or the public road network.	Complete
C53	**Signage** The petroleum product pipeline extending between the terminal and the M7 berth must: a) be identified in accordance with Australian Standard AS1345-2008: Identification of the contents of pipes, conduits and ducts; and b) include pipe markers including the name of the Applicant and emergency contact details.	Noted
C54	The Applicant shall not install any advertising signs on the Site without consultation with the PON and the written consent of the Secretary.	Noted
C55	**Site Security** The Applicant shall:	Noted

	a) install and maintain a perimeter fence and security gates on the Site; b) ensure the security gates on Site are locked whenever the Site is unattended; and c) consult with the PON with regards to minimum fencing specifications.	
C56	**WASTE** The Applicant shall ensure any waste generated on the Site is classified in accordance with the EPA's Waste Classification Guidelines (DECCW, 2009), or any superseding document and disposed of to a facility that may lawfully accept the waste.	Noted
C57	Waste generated outside the Site shall not be received at the Site for storage, treatment, processing, reprocessing, or disposal on the Site, except as expressly permitted by an EPL, if such a licence is required in relation to that waste	Noted
C58	The Applicant shall: a) implement all reasonable and feasible measures to minimise waste generated on Site; and b) ensure any waste generated on Site is appropriately stored, handled and disposed of.	Noted
F59	**AVIATION SAFETY** Prior to the commencement of construction, the Applicant shall provide the Secretary with a copy of all necessary approvals from the Air Base Command Post of RAAF Base Williamstown and the Directorate of External Land Planning within the Defence Support Group of the Department of Defence for the erection of all structures that constitute transient/temporary or permanent obstructions in accordance with the Operation of cranes and tall structures in the vicinity of Newcastle Airport (Department of Defence, 2013).	Complete

Schedule D – Environmental Management Reporting – Compliance Requirements		
No	**Description**	**Statement of Compliance**
D1	**Construction Environmental Management Plan** The Applicant shall prepare a Construction Environmental Management Plan (CEMP) for the Development, to the satisfaction of the Secretary. The Plan must: a) be approved by the Secretary prior to construction of the Development; b) identify the statutory approvals that apply to the Site; c) outline all environmental management practices and procedures to be followed during construction; d) describe all activities to be undertaken on the Site during construction, including a clear indication of construction stages; e) detail how the environmental performance of the construction works will be monitored, and what actions will be taken to address identified adverse environmental impacts; f) describe the roles and responsibilities for all relevant employees involved in construction works; and g) include the management plans under Condition D2 of this consent.	Noted
D2	As part of the CEMP for the Development, required under Condition D1 of this consent, the Applicant shall include the following: a) a soil and water management plan; b) a contaminated materials management plan, prepared in consultation with the PON;	Noted

	c) a traffic management plan; d) a noise and vibration management plan; e) an air quality (dust) management plan; f) a utilities and services provision plan; and g) a waste management plan.	
D3	The Applicant shall carry out construction of the Development in accordance with the CEMP approved by the Secretary (and as revised and approved by the Secretary from time to time), unless otherwise agreed by the Secretary.	Noted
D4	**Environmental Management Strategy** The Applicant shall update the existing Environmental Management Strategy (EMS) for the Site to include the Development, to the satisfaction of the Secretary. The EMS shall: a) be submitted to the Secretary for approval prior to operation of the Development; b) be prepared by a suitably qualified and experienced expert; c) provide the strategic framework for environmental management of the Site; d) identify the statutory requirements that apply to the Site; e) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the Site; f) describe in general how the environmental performance of the Site would be monitored and managed; g) describe the procedures that would be implemented to: • keep the local community and relevant agencies informed about the operation and environmental performance of the Site; • receive, handle, respond to, and record complaints; • resolve any disputes that may arise in relation to operations at the Site; • respond to any non-compliance; • manage cumulative impacts; • respond to emergencies; h) include the management plans under Condition D5 of this consent; and i) be provided to the PON once approved by the Secretary, including any approved amendments to the EMS.	Previously updated
D5	As part of the EMS for the Site, required under Condition D4 of this consent, the Applicant shall include the following: a) air quality; b) traffic; c) noise; d) stormwater and drainage; e) water; f) utilities and services; and g) landscape.	Noted
D6	The Applicant shall operate the Site in accordance with the EMS approved by the Secretary (and as revised and approved by the Secretary from time to time), unless otherwise agreed by the Secretary	Noted
D7	**Management Plan Requirements** The Applicant shall ensure the management plans required under this consent are prepared in accordance with any relevant guidelines, and include: a) detailed baseline data;	Previously complete

	b) a description of: • the relevant statutory requirements (including any relevant consent, licence or lease conditions); • any relevant limits or performance measures/criteria; and • the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the Site or any management measures; c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria; d) a program to monitor and report on the: • impacts and environmental performance of the Site; and • effectiveness of any management measures (see c) above); e) a contingency plan to manage any unpredicted impacts and their consequences; f) a program to investigate and implement ways to improve the environmental performance of the Site over time; g) a protocol for managing and reporting any: • incidents; • complaints; • non-compliances with statutory requirements; and exceedances of the relevant limits and/or performance measures / criteria; and h) a protocol for periodic review of the plan.	
D8	**Revisions to Strategies, Plans and Programs** Within three months of the submission of an: a) audit submitted under Condition D12; b) incident report under Conditions D10 and D11; c) annual review under Condition D9; and/or d) a modification to this consent, the Applicant shall review, and if necessary, revise the strategies, plans, and programs required under this consent to the satisfaction of the Secretary.	Noted
D9	**Annual Review** By the end of December each year, and annually thereafter, the Applicant shall review the environmental performance of the Site, to the satisfaction of the Secretary. This review must: a) be prepared in consultation with PON; b) describe the operations that were carried out in the past year; c) analyse the monitoring results and complaints records of the Site over the past year, including a comparison of these results against the: • relevant statutory requirements, limits or performance measures/criteria; • monitoring results of previous years; and • predictions in the EIS; d) identify any non-compliance over the last year, and describe what actions were (or are being) taken to ensure compliance; e) identify any trends in the monitoring data; f) identify any discrepancies between the impacts predicted in the EIS and the actual impacts of the Site and analyse the potential cause of any significant discrepancies; and g) describe what measure will be implemented over the next year to improve the environmental performance of the Site.	This Annual Review is prepared in accordance with this condition.
D10	**Incident Reporting**	Noted

	Upon detecting an exceedance of the limits/performance criteria in this consent or the occurrence of an incident that causes (or may cause) material harm to the environment, the Applicant shall immediately (or as soon as practical thereafter) notify the Secretary, PON and any other relevant agencies of the exceedance/incident.	
D11	Within seven days of the date of the incident, the Applicant shall provide the Secretary, PON and any relevant agencies with a detailed report on the incident, and such further reports as may be requested	Noted
D12	**INDEPENDENT ENVIRONMENTAL AUDIT** Within one year of the date of this consent, and every three years thereafter, unless the Secretary directs otherwise, the Applicant shall commission and pay the full cost of an Independent Environmental Audit of the Site. The audit must: a) be carried out by a suitably qualified, experienced and independent audit team whose appointment has been endorsed by the Secretary; b) include consultation with PON; c) assess the environmental performance of the Site, and its effects on the surrounding environment; d) determine whether the Site is complying with the relevant standards, performance measures and statutory requirements, including the Mayfield Concept Plan; e) review the adequacy of the EMS for the Site, compliance with this consent, and any other licences and consents; and, if necessary; f) recommend measures or actions to improve the environmental performance of the Site, and/or any plan/program required under this consent.	NA Independent Environmental Audit was undertaken during the reporting period. A copy of the IEA was has been previously provided to DPIE compliance.
D13	Within three months of commissioning the audit, or as otherwise agreed by the Secretary, the Applicant shall submit a copy of the audit report to the Secretary, EPA and PON with a response to all recommendations contained in the audit report	Noted
D14	**COMMUNITY CONSULTATION** The Applicant shall contribute to the Community Communication Strategy required for the Mayfield Concept Plan. The level and timing of the contribution by the Applicant shall be determined in consultation with the PON	Community consultation has been undertaken as described in **Section 12.0** of this Annual Review
D15	**ACCESS TO INFORMATION** The Applicant shall make the following information publicly available on its website and keep the information up to date: a) the EIS; b) current statutory consents for the Site; c) approved strategies, plans and programs; d) a summary of all monitoring data for the Site as required under this consent and the Mayfield Concept Plan; e) a complaints register, updated on an annual basis; f) Annual Reviews, Independent Environmental Audits and the Applicant's response to the recommendations; and g) g) any other matter required by the Secretary. Note: This condition does not require any confidential information to be made available to the public.	This information is available on Stolthaven's website: https://www.stoltnielsen.com/en/ourbusinesses/stolthaventerminals/terminalnetwork/stolthavennewcastle

Appendix J

Bund Water Results

Bund Water Results

	Samples Collected:	Samples Tested:	Location	Temp (°C)	pH	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Conductivity (uS/cm)	Appearance	Volume (L) Approx.	Comments
235	1/07/2025	1/07/2025	Bund 1	24.5	7.83	112.8	97.6	150.6	clear	10,000	
			Bund 2	24.4	7.46	91.1	123.3	189.6	clear	10,000	
			Bund 3	25	6.71	98.9	81.3	112	clear	10,000	
			Bund 5	24.3	7.96	129.6	94.1	181.1	clear	5,000	
			Bund 6	24.8	7.57	153.6	88.9	136.6	clear	5,000	
			Bund 7	24.5	7.2	136.6	98.1	150.1	clear	5,000	
			Bund 8	24.2	7.98	139.4	101.3	149.4	clear	10,000	
			Bund 9	24.2	7.14	140.6	93.9	130.9	clear	10,000	
236	17.01.2025	17.01.2025	Bund 1	17.9	7.24	32.1	91.4	49.4	clear	50,000	
			Bund 2	18.2	7.12	31.7	93.5	49.1	clear	50,000	
			Bund 3	17.9	7.14	33.8	92.3	51.9	clear	50,000	
			Bund 5	18.1	7.04	35.8	97.3	54.8	clear	40,000	
			Bund 6	17.9	7.06	35.6	90.7	54.9	clear	40,000	
			Bund 7	18	7.1	38.3	96.6	59	clear	30,000	
			Bund 8	18.2	6.68	54.1	92.3	83.2	clear	50,000	
			Bund 9	18	7.09	39.1	98.1	60.5	clear	50,000	
237	29.01.2025	29.01.2025	Bund 1	22.2	7.26	99.1	74.7	151.1	clear	10,000	
			Bund 2	22.3	7.35	99.4	81.4	152.8	clear	10,000	
			Bund 3	22.2	7.12	95.3	86.9	146.3	clear	10,000	
			Bund 5	22.2	7.37	94.9	79.2	142.1	clear	8,000	
			Bund 6	22.3	7.61	96.3	74.2	143.6	clear	8,000	
			Bund 7	22.6	7.2	99.7	76.9	138.9	clear	8,000	
			Bund 8	22.1	7.19	91.6	84.9	150.6	clear	10,000	
			Bund 9	22.8	7.22	89.1	89.1	138.2	clear	10,000	
238	2/11/2025	2/11/2025	Bund 1	21.3	6.82	32.6	8.2	50.3	clear	20,000	
			Bund 2	21.4	6.59	27.2	9.93	41.8	clear	20,000	
			Bund 3	21.3	7.1	26.3	8.34	40.4	clear	20,000	
			Bund 5	21.4	7.01	29.3	6.45	45.2	clear	15,000	
			Bund 6	21.4	6.67	34.3	7.95	52.7	clear	15,000	
			Bund 7	21.4	6.62	40.8	6.82	62.7	clear	15,000	
			Bund 8	21.3	6.52	40.3	8.2	62.1	clear	20,000	
			Bund 9	21.8	6.64	42.9	5.16	65.5	clear	20,000	
239	21.02.2025	21.02.2025	Bund 1	21.2	7.39	97.4	9.92	128.1	clear	7,000	
			Bund 2	21	7.45	94.5	8.8	145.3	clear	7,000	
			Bund 3	21.6	7.19	87.7	7.56	135.6	clear	7,000	
			Bund 5	22.2	7.1	103.3	9.06	158.1	clear	5,000	
			Bund 6	21.9	7.5	101.3	9.6	131.7	clear	5,000	
			Bund 7	21.4	6.96	98.7	8.7	139.3	clear	3,000	
			Bund 8	21	7.38	96.7	10.38	129.4	clear	7,000	
			Bund 9	21.1	7.22	90.3	9.46	136.2	clear	7,000	
240	26.02.2025	26.02.2025	Bund 1	22.8	8.06	52	8.89	79.9	clear	20,000	
			Bund 2	22.6	7.59	436	8.22	67	clear	20,000	
			Bund 3	22.6	7.96	46	8.5	70.8	clear	20,000	
			Bund 5	22.6	7.62	46.8	8.6	71.9	clear	15,000	
			Bund 6	23.2	8.19	63.2	10.64	97.8	clear	15,000	
			Bund 7	22.7	7.23	65.7	7.64	100.9	clear	15,000	
			Bund 8	22.7	7.93	70.2	8.79	107.1	clear	20,000	
			Bund 9	22.8	7.21	67.3	8.56	103.1	clear	20,000	
241	3/05/2025	3/05/2025	Bund 1	22.1	7.2	84.8	12.6	130.5	clear	15,000	
			Bund 2	22.1	7.33	76.4	8.35	117.6	clear	15,000	
			Bund 3	22	7.29	77.4	7.13	119.1	clear	15,000	
			Bund 5	22.2	7.06	80.1	8.48	123.4	clear	10,000	
			Bund 6	22.3	7.39	88.9	6.75	136.2	clear	10,000	
			Bund 7	21.9	7.18	92	8.59	126.3	clear	10,000	
			Bund 8	23.1	6.86	93.1	8.42	112.4	clear	15,000	
			Bund 9	21.9	6.98	92	8.72	119.9	clear	15,000	
242	24.03.2025	24.03.2025	Bund 1	21.7	7.25	52	11.7	80.1	clear	5,000	
			Bund 2	21.9	7.28	44.5	8.92	69	clear	5,000	

	Samples Collected:	Samples Tested:	Location	Temp (°C)	pH	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Conductivity (uS/cm)	Appearance	Volume (L) Approx.	Comments
			Bund 3	22.1	7.3	47.6	8.85	70.6	clear	5,000	
			Bund 5	22	7.1	49.2	8.61	71.8	clear	10,000	
			Bund 6	22.2	7.18	50.8	10.72	89.9	clear	10,000	
			Bund 7	21.7	7.26	62.3	8.72	96.8	clear	5,000	
			Bund 8	22.5	6.9	69.4	9.56	105.3	clear	10,000	
			Bund 9	22.8	6.88	67.7	11.15	101.4	clear	10,000	
243	31.03.2025	31.03.2025	Bund 1	19.9	7.56	15.5	1.9	23.9	clear	50,000	
			Bund 2	19.8	7.66	12.6	2.59	19.4	clear	50,000	
			Bund 3	20.3	7.69	14.5	6.85	21.9	clear	50,000	
			Bund 5	19.9	7.33	15.1	2.74	23.4	clear	30,000	
			Bund 6	20	7.71	15.1	3.15	23.2	clear	30,000	
			Bund 7	21.1	7.02	22.3	8.42	30.1	clear	20,000	
			Bund 8	19.9	7.44	21.6	1.94	33.2	clear	50,000	
			Bund 9	20.1	7.46	19.9	5.12	30.9	clear	50,000	
244	15.04.2025	15.04.2025	Bund 1	20.5	7.55	61.4	9.88	94.5	clear	10,000	
			Bund 2	21.6	6.59	87.3	5.67	131.6	clear	10,000	
			Bund 3	20.5	7.42	51.4	4.98	79.1	clear	10,000	
			Bund 5	20.4	7.72	54.9	10.42	84.4	clear	7,000	
			Bund 6	20.9	7.03	62.7	5.39	97.1	clear	7,000	
			Bund 7	20.8	7.19	72.2	5.1	111.7	clear	7,000	
			Bund 8	20.5	7.21	67.2	11.2	103.2	clear	10,000	
			Bund 9	20.6	7.37	63.1	5.63	96.9	clear	10,000	
245	22.04.2025	22.04.2025	Bund 1	18.6	7.39	21.5	8.52	27.5	clear	30,000	
			Bund 2	17.7	7.56	15.7	7.15	24.2	clear	30,000	
			Bund 3	17.5	7.78	15.9	6.49	25.1	clear	30,000	
			Bund 5	17.5	7.61	17.4	6.08	26.8	clear	20,000	
			Bund 6	17.4	7.49	21.8	7.03	33.8	clear	20,000	
			Bund 7	18	7.87	25.1	7.75	38.3	clear	20,000	
			Bund 8	17.4	7.31	24.2	11.06	37.2	clear	30,000	
			Bund 9	17.8	7.44	23.5	7.58	26.1	clear	30,000	
246	28.04.2025	28.04.2025	Bund 1	19	6.73	18.8	8.35	30.6	clear	100,000	
			Bund 2	18.5	7.25	13.1	9.33	20.2	clear	100,000	
			Bund 3	18.8	7.29	13.7	10.89	21.1	clear	100,000	
			Bund 5	18.6	7.25	13.5	8.99	20.7	clear	80,000	
			Bund 6	18.5	7.23	18.5	8.79	28.5	clear	80,000	
			Bund 7	18.6	7.15	17.4	9.67	26.7	clear	80,000	
			Bund 8	18.6	7.09	19	9.34	29.4	clear	100,000	
			Bund 9	18.6	7.09	20.5	9.03	31.7	clear	100,000	
247	5/12/2025	5/12/2025	Bund 1	18.2	7.43	24	7.76	36.8	clear	30,000	
			Bund 2	18.2	7.36	13.7	7.82	21.1	clear	30,000	
			Bund 3	18.2	7.25	19.3	9.15	29.7	clear	30,000	
			Bund 5	18.3	7.42	18.3	9.18	28.4	clear	20,000	
			Bund 6	18.7	6.69	23.5	10.92	36.9	clear	20,000	
			Bund 7	18.1	7.18	25.1	8.96	38.5	clear	20,000	
			Bund 8	18.1	7.1	32.2	8.47	49.5	clear	30,000	
			Bund 9	18.2	7.23	33.3	7.95	51.2	clear	30,000	
248	19.05.2025	19.05.2025	Bund 1	14.9	6.95	14.4	9.75	22.2	clear	70,000	
			Bund 2	15	7.36	11.4	8.65	17.5	clear	70,000	
			Bund 3	14.9	7.15	11.5	9.78	17.7	clear	70,000	
			Bund 5	15.4	6.79	14.6	8.8	23.1	clear	50,000	
			Bund 6	14.9	6.83	17.3	10.07	26.6	clear	50,000	
			Bund 7	14.9	7.16	14.5	11.79	22.4	clear	50,000	
			Bund 8	15.2	7.53	13.9	9.4	21.4	clear	70,000	
			Bund 9	14.9	7.05	16.4	10.31	25.2	clear	70,000	
249	26.05.2025	26.05.2025	Bund 1	14.9	7.8	8.3	10.65	12.8	clear	50,000	
			Bund 2	Empty					clear		
			Bund 3	14.2	7.32	7.9	7.56	12.2	clear	100,000	
			Bund 5	15.4	7.34	11	11.35	17.5	clear	100,000	
			Bund 6	14.2	7.47	7.1	6.97	10.9	clear	80,000	
			Bund 7	14.3	7.43	9.8	7.38	14.9	clear	20,000	
			Bund 8	14.9	7.4	11.7	7.07	17.7	clear	100,000	
			Bund 9	Empty					clear		

	Samples Collected:	Samples Tested:	Location	Temp (°C)	pH	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Conductivity (uS/cm)	Appearance	Volume (L) Approx.	Comments
250	6/05/2025	6/05/2025	Bund 1	10.9	6.87	24.4	10.01	37.6	clear	30,000	
			Bund 2	11.8	7.33	21.5	14.21	35.1	clear	30,000	
			Bund 3	11	7.01	23.6	9.73	36.1	clear	30,000	
			Bund 5	11	7.17	24.8	8.19	38.1	clear	20,000	
			Bund 6	11.5	7.42	27.1	10.46	41.4	clear	20,000	
			Bund 7	11.1	7.29	28.7	9.35	44.2	clear	15,000	
			Bund 8	11.2	7.3	30.6	9.38	47.1	clear	30,000	
			Bund 9	11	6.99	31.6	7.76	48.8	clear	30,000	
251	30.06.2025	30.06.2025	Bund 1	10.9	7.5	36.3	8.7	55.5	clear	5,000	
			Bund 2	11.3	8.01	35.5	10.52	55.7	clear	5,000	
			Bund 3	11	7.57	36.7	9.82	56.6	clear	5,000	
			Bund 5	10.8	7.42	33.9	9.57	52.9	clear	3,000	
			Bund 6	11.4	7.79	45.1	10.29	69.1	clear	3,000	
			Bund 7	11.2	7.54	47.2	10.54	73.5	clear	3,000	
			Bund 8	10.9	7.45	55.9	10.02	85.8	clear	5,000	
			Bund 9	10.8	7.32	54.2	8.27	83.4	clear	5,000	
252	31.07.2025	31.07.2025	Bund 1	13	8.12	30.9	5.05	48.8	clear	30,000	
			Bund 2	13.2	7.78	18	6.75	27.7	clear	30,000	
			Bund 3	13	8	20.9	7.03	32.2	clear	30,000	
			Bund 5	13.1	8.15	25	6.65	38.5	clear	30,000	
			Bund 6	13	7.91	32.2	6.9	49.5	clear	25,000	
			Bund 7	12.9	7.41	27.7	6.52	42.6	clear	20,000	
			Bund 8	13.4	8.07	36.5	7.26	55.9	clear	30,000	
			Bund 9	13	7.23	32.3	9.83	49.2	clear	30,000	
253	8/11/2025	8/11/2025	Bund 1	13.4	7.98	33.7	5.99	55.7	clear	50,000	
			Bund 2	13.3	7.68	30.1	6.07	49.2	clear	50,000	
			Bund 3	13.6	7.56	28.8	7.43	50.1	clear	50,000	
			Bund 5	13.3	7.72	31.7	5.82	47.3	clear	50,000	
			Bund 6	13.1	7.93	26.9	6.89	45.9	clear	40,000	
			Bund 7	13.4	7.51	28.7	7.99	53.6	clear	30,000	
			Bund 8	13.5	7.88	33.1	8.33	49.8	clear	50,000	
			Bund 9	13.3	7.95	29.7	8.12	50.9	clear	50,000	
254	9/10/2025	9/10/2025	Bund 1	14.3	7.56	26.2	8.21	50.7	clear	20,000	
			Bund 2	14.4	7.93	29.5	7.64	48.2	clear	20,000	
			Bund 3	14.6	7.71	31.6	8.04	51.6	clear	20,000	
			Bund 5	14.4	7.51	28.7	7.13	45.3	clear	20,000	
			Bund 6	14.1	7.81	31.2	7.47	49.4	clear	20,000	
			Bund 7	14.5	7.86	33.7	6.91	55.1	clear	15,000	
			Bund 8	14.5	7.68	27.4	7.03	51.1	clear	15,000	
			Bund 9	14.3	7.92	29.6	6.82	48.6	clear	15,000	
255	23.09.2025	23.09.2025	Bund 1	13.3	8.21	38.5	10.01	60.5	clear	30,000	
			Bund 2	13	8.2	33.8	8.81	51.8	clear	30,000	
			Bund 3	13.2	8.34	33.2	7.54	51.2	clear	30,000	
			Bund 5	13	7.96	35.6	9.65	54.8	clear	25,000	
			Bund 6	13.1	7.67	39.4	9.51	60.9	clear	25,000	
			Bund 7	13.1	7.6	38.5	9.11	59.2	clear	20,000	
			Bund 8	13	8.24	48.6	7.65	74.9	clear	30,000	
			Bund 9	13.1	7.74	43.7	9.6	67.4	clear	30,000	
256	29.10.2025	29.10.2025	Bund 1	16.8	7.84	62.1	9.8	95.8	clear	25,000	
			Bund 2	16.8	7.63	60.3	9.09	92.8	clear	25,000	
			Bund 3	16.8	8.08	60.8	10.01	93.5	clear	25,000	
			Bund 5	17	8.31	71.3	8.49	109.8	clear	20,000	
			Bund 6	16.9	8.19	70.5	9.71	108.6	clear	20,000	
			Bund 7	16.9	8.29	87.2	9.85	106.7	clear	15,000	
			Bund 8	16.9	8.39	94.9	9.02	102.1	clear	25,000	
			Bund 9	16.8	7.32	82.1	9.15	104.7	clear	25,000	
257	15.12.2025	15.12.2025	Bund 1	20.9	7.16	43.9	83.2	67.5	clear	30,000	
			Bund 2	21	7.34	39.5	81	60.8	clear	30,000	
			Bund 3	21	7.29	40.3	76.9	61.9	clear	30,000	
			Bund 5	20.9	7.02	47.1	80.3	72.5	clear	30,000	
			Bund 6	21	7.07	45.4	86.9	69.9	clear	25,000	

	Samples Collected:	Samples Tested:	Location	Temp (°C)	pH	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Conductivity (uS/cm)	Appearance	Volume (L) Approx.	Comments
			Bund 7	21.3	7.32	49.5	71.5	77	clear	25,000	
			Bund 8	21.2	6.98	87.2	81.3	134.5	clear	30,000	
			Bund 9	20.9	7.09	57.6	77.7	88.6	clear	30,000	

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