

Annual Review

Erskine Park Waste Transfer Facility

Date:	July 2022
Prepared by:	Talis Consultants Pty Ltd and Cleanaway Waste Management Pty Ltd
Version:	Final

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Title block

Name of Operation Erskine Park Waste Transfer Station (Stage

1)

Name of Operator Cleanaway Waste Management Pty Ltd

Development consent / project approval # SSD 7075

Name of holder of development consent / project Cleanaway Waste Management Pty Ltd

approval

Annual Review start date 1 November 2020

Annual Review end date 31 October 2021

I, Daniel Wright certify that this audit report is a true and accurate record of the compliance status of the Erskine Park Waste Transfer Station site for the period 1 November 2020 to 31 October 2021 and that I am authorised to make this statement on behalf of Cleanaway Waste Management Pty Ltd.

Note.

a) The Annual Review is an 'environmental audit' for the purposes of section 122B(2) of the Environmental Planning and Assessment Act 1979. Section 122E provides that a person must not include false or misleading information (or provide information for inclusion in) an audit report produced to the Minister in connection with an environmental audit if the person knows that the information is false or misleading in a material respect. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000.

b) The Crimes Act 1900 contains other offences relating to false and misleading information: section 192G (Intention to defraud by false or misleading statement—maximum penalty 5 years imprisonment); sections 307A, 307B and 307C (False or misleading applications/information/documents—maximum penalty 2 years imprisonment or \$22,000, or both).

Name of authorised reporting officer Stuart Baird

Title of authorised reporting officer Regional Manager

Signature of authorised reporting officer

Date 7 July 2022

1. Statement of Compliance

During the reporting period the Erskine Park Waste Transfer Station (WTS) had a high level of compliance with its major approvals. A summary of compliance against the major approvals is provided in **Table 1.**

Table 1 – Statement of Compliance

Relevant Erskine Park WTS Approvals	Compliance (Yes/No)
SSD 7075	No
EPL 20986	Yes

The non-compliance identified during the 2020-2021 reporting period is outlined in **Table 2** and discussed further in **Section 11**. The non-compliance has been defined in accordance with the *Annual Review* Guideline (2015) presented in **Table 3**.

Table 2 - Non-Compliances

Relevant Approval	Condition #	Condition Requirement	Compliance Status	Comment	Relevant Section of Annual Review
SSD 7075	Schedule C, Condition B11	The Applicant shall carry out the Development in accordance with the Odour Management Plan approved by the Secretary (as revised and approved by the Secretary from time to time), unless otherwise agreed by the Secretary.	Non- Compliant	Odour monitoring was not undertaken during April 2021.	Section 6.4

Table 3 – Compliance Status Categories

Risk Level	Colour Code	Description
High	Non-Compliant	Non-compliance with potential for significant environmental consequences, regardless of the likelihood of occurrence
Medium	Non-Compliant	Non-compliance with potential for serious environmental consequences, but is unlikely to occur; or potential for moderate environmental consequences, but is likely to occur
Low	Non-Compliant	Non-compliance with potential for moderate environmental consequences, but is unlikely to occur; or potential for low environmental consequences, but is likely to occur
Administrative non-compliance	Non-Compliant	Non-compliance which does not result in any risk of environmental harm

Section 6 provides detail on environmental performance for aspects including noise and air quality. Detail on the management of surface water and ground water at the Erskine Park WTS is provided in **Section 7.**

2. Introduction

2.1 Annual Review

This document represents the fourth Annual Review for the site, as required under Condition C10 (Schedule C) of Development Consent SSD 7075, as modified. The Annual Review covers the period from 1 November 2020 until 31 October 2021.

2.2 Background

The Planning Assessment Commission (PAC), acting as delegate of the Minister for Planning, approved an application for the Erskine Park Waste and Resource Management Facility (WRMF) Staged Development Application (SSD 7075) on the 5 October 2016, comprising:

- A concept proposal for a Waste and Resource Management Facility with a maximum processing capacity of 300,000 tpa. All waste received at the WRMF shall enter the Waste Transfer Station (Stage 1), up to 150,000 tpa of this waste may be recycled at the Resource Recovery Facility (RRF) (Stage 2).
- Construction and operation of the Stage 1 Waste Transfer Station with a maximum processing capacity of 300,000 tpa.

The WRMF is being developed in two stages, the first being a Waste Transfer Station (WTS), to which this Annual Review relates, and the second being a Resource Recovery Facility (RRF).

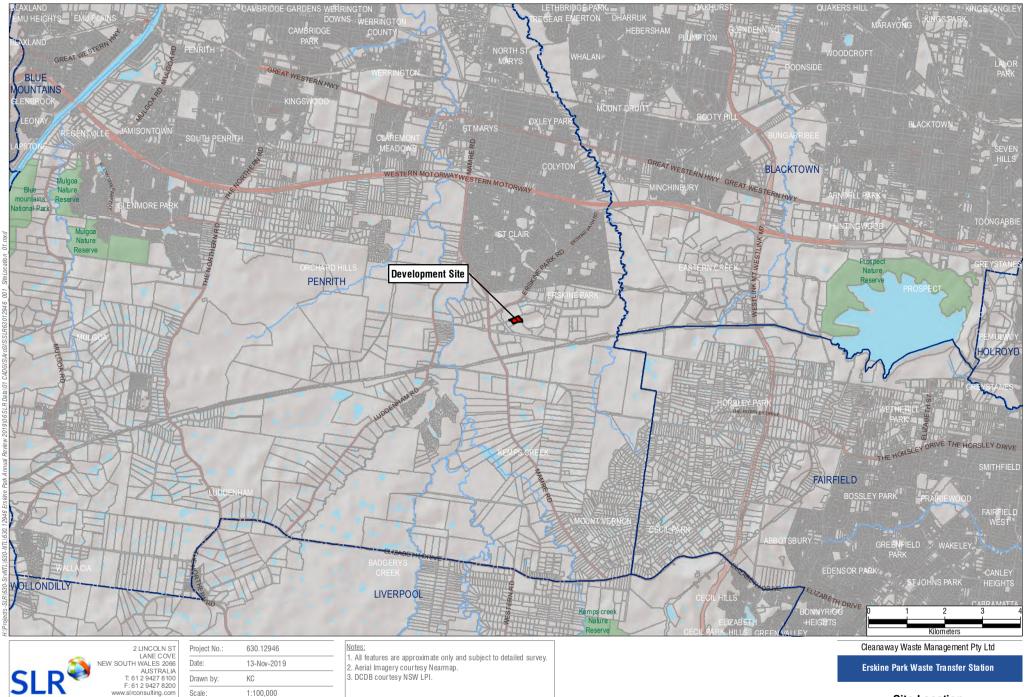
The WTS is currently in Stage 1, receiving commercial and household waste from the Western Sydney region which is transported to a licenced waste management facility off-site. During Stage 2, a proportion of the waste received at the WTS would be diverted to the RRF for recycling and recovery of saleable products. The design capacity of the completed WRMF is 300,000 tonnes per annum, inclusive of both stages.

A key consideration in the planning and design of the WTS has been to avoid impact on the amenity of the surrounding residential community, particularly in relation to odour, noise and traffic issues.

The WTS was opened on the 14 December 2018 and commenced accepting waste on the 27 December 2018. Stage 2 (the RRF) will be developed at a later point. The WTS houses a manual sorting line where recyclables are harvested, operating 6am till 5 pm Monday to Friday. Cleanaway will communicate with the Department of Planning and Environment (DPE) prior to commencing works in association with Phase 2.

2.3 Site Description

The site is located approximately 11 kilometres south-east of Penrith in western Sydney, NSW (see **Figure 1**). It is addressed to 85-87 Quarry Road, Erskine Park NSW, and is identified as Lot 1 in Deposited Plan (DP) 1140063 in the Penrith Local Government Area (LGA). The title comprises approximately 3 hectares. As shown, the site is adjacent to the Erskine Park Landfill (Lot 4, DP 1094504).



The content contained within this document may be based on third party data.

SLR Consulting Australia Pty Ltd does not guarantee the accuracy of such information.

1:100,000 Scale: Sheet Size: A4 GDA 1994 MGA Zone 56 Projection:

Site Location

FIGURE 1

The area surrounding the site is primarily used for industrial land uses, including Stramit Building Products, Dutt Transport, Viscount Plastics, Dincel Construction Systems, Saputo and Stockland to the south, Cleanaway Depot to the west, and the Cleanaway Erskine Park Landfill to the east.

The nearest residential dwellings are located within the suburb of St. Clair, approximately 0.7 km to the north of the site, and rural-residential properties located in Orchard Hills, approximately 0.7 km to the west of the site.

A childcare centre is located approximately 670m to the west of the closest boundary of the site.

The layout of the WTS and site boundary (that encompasses Stage 1 and Stage 2 of the Development) is shown in **Figure 2.** The Site Layout for the Concept Plan and Full Site Development is provided in **Figure 3**.

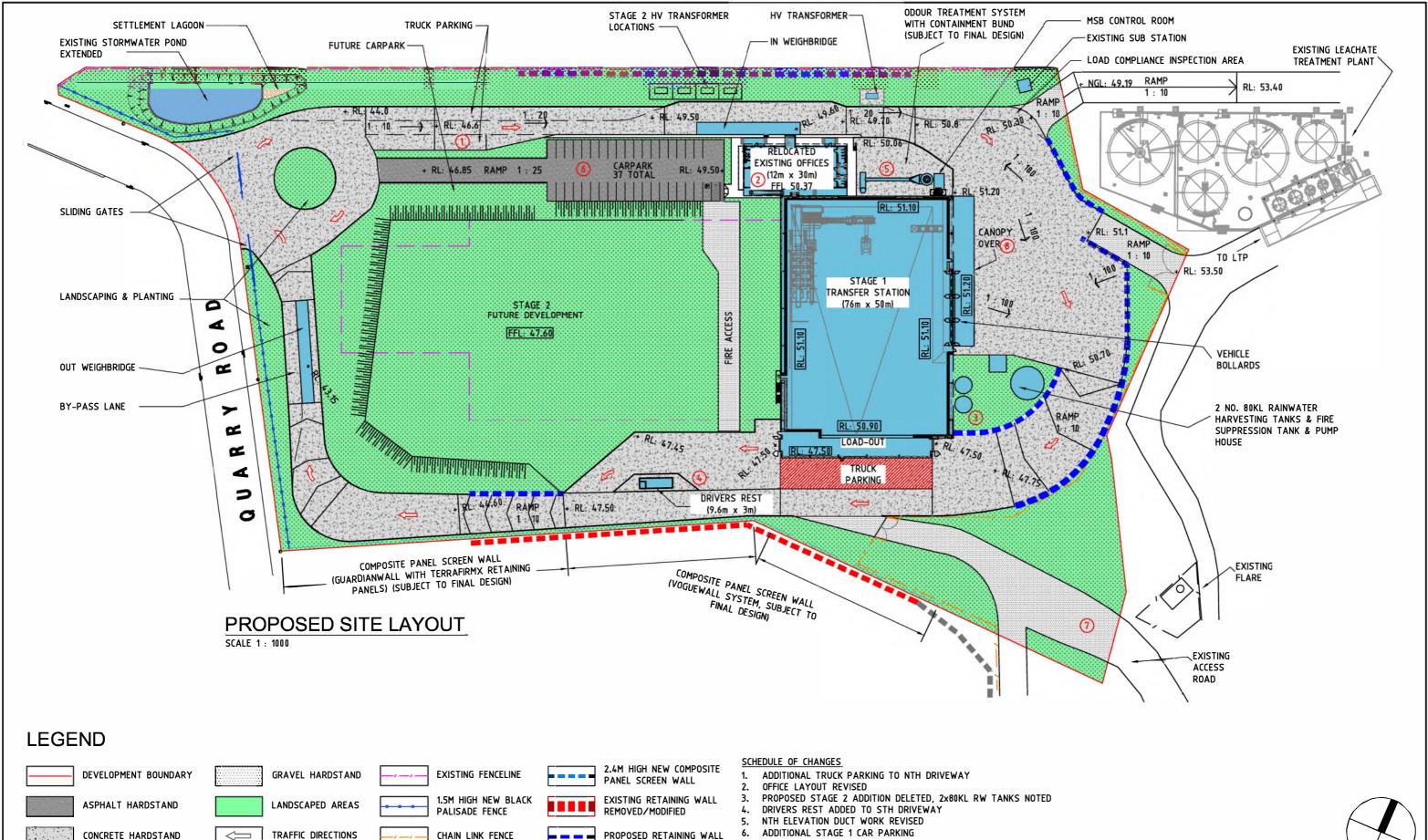
The key components of the WTS are:

- A steel framed and clad waste transfer station building with associated offices, amenities and lower-level transfer vehicle load-out area;
- A manual sort line within the WTS building for basic resource recovery;
- Fast acting roller shutter doors which will be normally closed;
- Transfer station working floor with concrete and asphalt peripheral roads;
- An active ventilation system and air treatment system with controlled discharge as part of the overall approach to air emissions and odour management;
- Associated infrastructure including all hardstand areas, car park, weighbridges, and sealed roads;
- Ancillaries including perimeter security fencing, security gates, rainwater harvesting, fire suppression system, signage, landscaping, drainage and services.

The WTS has a nominal daily volume of approximately 1,040 tonnes of putrescible waste per day (design capacity 300,000 tonnes per annum [tpa]). However, subject to market factors, initially around 90,000 tpa of putrescible waste will be received at the site. During this reporting period, 106,414 tonnes of non-putrescible and putrescible waste was received at the site.

Waste delivery vehicles enter the site from Quarry Road and weigh on the incoming weighbridge located adjacent to the office. Delivery vehicles then proceed to the eastern side of the building where they align with one of the roller shutter door entrances on the eastern elevation. The vehicles reverse through one of the rapid acting roller shutter doors, discharge their waste and then drive out of the building, down a ramp and proceed to the south of the transfer station towards the outgoing weighbridge, exiting the site onto Quarry Road. The majority of the material received is waste from commercial waste collection trucks, stationary compactor (packer) hooklift loads and side-loader collections (e.g., 240L mobile garbage bin collections from commercial premises).

Waste offloaded on the tipping floor is separated into two categories: putrescible and non-putrescible waste, including wood, masonry, rigid plastics, and old corrugated cardboard. The non-putrescible waste is sorted for recycling, while the remaining waste is consolidated with the putrescible waste and transferred into transfer vehicles by a front-end loader which lifts the material over a wall opening for top loading.



PROJECT

ERSKINE PARK RMF - STAGE 1
WASTE TRANSFER STATION
FOR
CLEANAWAY WASTE

MANAGEMENT LTD

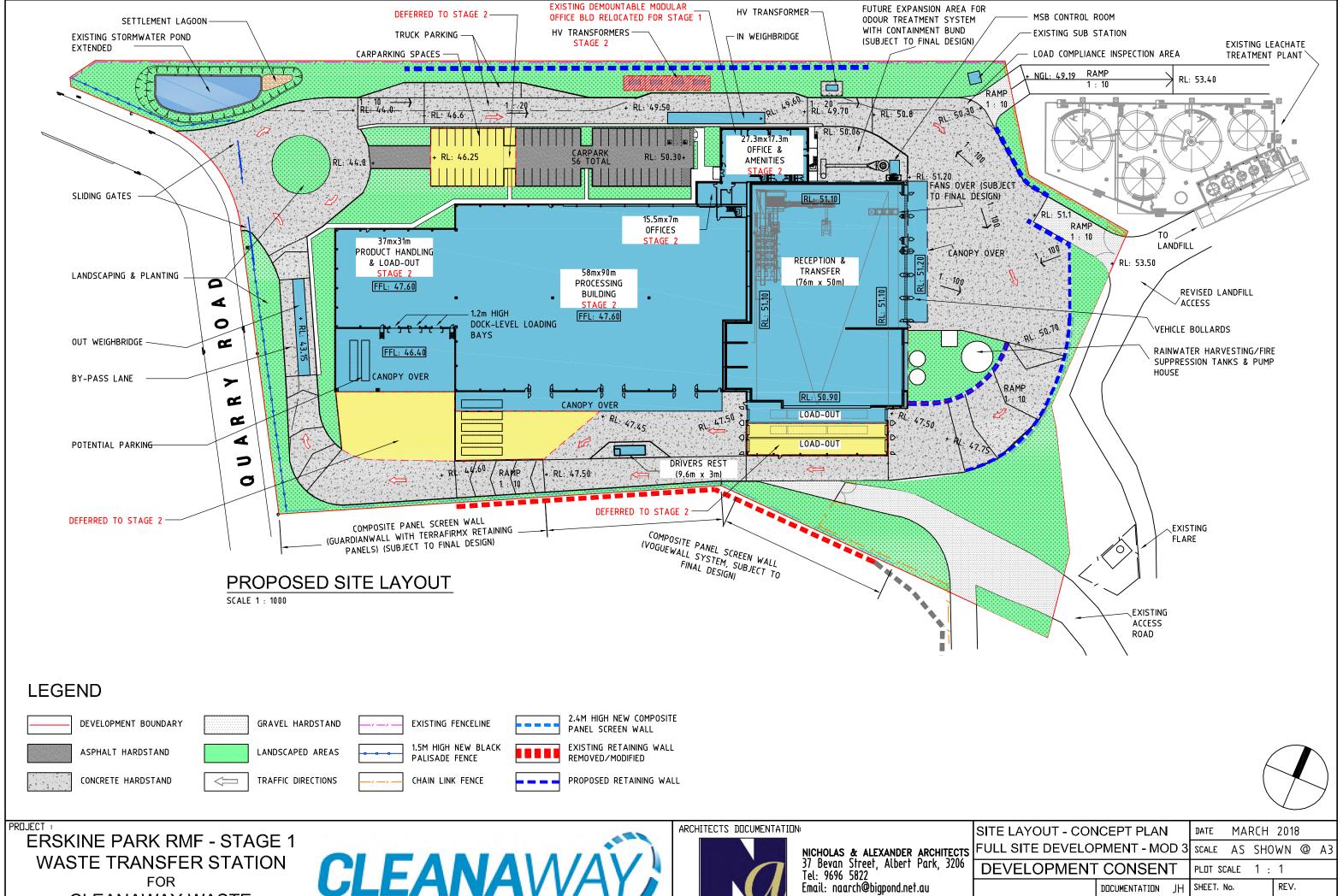


- 7. EXISTING ACCESS ROAD IN STH WEST RETAINED
- 8. EAST CANOPY RAISED BY 500MM



		r.	
PROPOSED SITI	DATE MARCH	2018	
STAGE 1 - MOD	SCALE AS SHO	WN @ A3	
DEVELOPMENT	PLOT SCALE 1:	1	
	DOCUMENTATION JH	SHEET, No.	REV.
FIGURE 2	DRAWN JH	l nn3	19

CHECKED



CLEANAWAY WASTE

MANAGEMENT LTD



NICHOLAS & ALEXANDER ARCHITECTS 37 Bevan Street, Albert Park, 3206 Tel: 9696 5822 Email: naarch@bigpond.net.au A.C.N. 070 432 932

SITE LAYOUT - CONCEPT PLAN			DATE	MAF	RCH	2018	3	
FULL SITE DEVELOPMENT - MOD 3				AS	SH0	WN	@	Α3
DEVELOPMENT CONSENT				CALE	1 :	1		
	DOCUMENTATION	T	SHEET, N	10.	·	REV.		
FIGURE 3	DRAWN	JH	103		()5		
	CHECKED	NΠ	"	99				

Waste is transferred from the site using B-Doubles or single trailers to an appropriately licensed waste management facility in accordance with relevant waste management regulations. Recyclables are transported off-site by semi-trailers to various offtake markets.

When the RRF is operational, waste deemed suitable (recyclable) would be diverted to the RRF for recycling and recovery of saleable products.

The site does not have any required biodiversity/conservation offset areas.

2.4 Key Contact Details

The contact details for the person responsible for environmental management and community relations of Cleanaway is provided in **Table 4.**

Table 4 - Contacts for Erskine Park WTS

Contact	Position	Contact Details
1. Paul Spolder	Branch Manager	Ph: (+61) 400 738 197 Email: Paul.Spolder@cleanaway.com.au
2. Daniel Wright	Engineering Manager	Ph: (+61) 468 611 966 Email: daniel.wright@cleanaway.com.au

3. Approvals

3.1 Development Consent

As mentioned in **Section 2.2** above, the construction and operation of the Stage 1 WTS was approved on the 5 October 2016. Since the approval of the Development, four modifications (Mods) to the Development Consent (SSD 7075) have been approved by the DPE, as below:

- In July 2017 a Development Approval (DA) Modification document (Mod 1) was submitted to the
 DPE to request several modifications to the Development design and Concept Plan. These
 modifications included changes to site levels, construction of an interim carpark, use of a
 temporary office, removal of truck parking, construction of landfill entry and exit ramps,
 amendment to the load out area and amendment to the stormwater management system. The
 DA Mod 1 was approved by DPE on 28 August 2017;
- Modification 2 (Mod 2) was approved on 26 February 2018. Mod 2 sought to increase site levels and relocate the car park, to a location adjacent to the inbound road;
- Modification 3 (Mod 3) was approved by DPE on the 24 October 2018, to install a manual sorting line in the WTS; and
- Modification 4 (Mod 4) was approved by the DPE on the 25 October 2018, to extend construction hours.

3.2 Environment Protection Licence

Environmental Protection Licence (EPL) 20986 was obtained from the EPA on the 18 September 2017, which covered the construction phase of the WTS.

An application was submitted by Cleanaway to vary the EPL, to support the operational phase of WTS. The EPL variation was granted on 30 November 2018.

During the reporting there were no variations to EPL 20986.

3.3 Sydney Water Approvals

In accordance with Condition B23 of Development Consent SSD 7075, as modified, a Section 73 Compliance Certificate covering water and sewer requirements for the Development was obtained from Sydney Water for the site. A Building Plan approval was also obtained from Sydney Water.

A Trade Waste Agreement exists between Cleanaway and Sydney Water for the adjacent landfill, allowing for a maximum discharge volume of 1036kL/day and average daily discharge of 750kL/day average. The Trade Waste Agreement was maintained for the operation of the WTS during the reporting period.

4. Operations Summary

The WTS operated during the entire reporting period, except for one shut down for 24 hours on 19 November 2020, due to a fire incident.

A summary of operational activities is provided in the sections below.

4.1 Waste Received and Processed

The amount of waste received at the WTS for the reporting period is outlined in **Table 5**, below. The total amount of waste received and processed at the site was 106,415 tonnes. This amount was within the site's maximum processing capacity of 300,000 tpa, set by SSD 7075, as modified, and EPL 20986. All waste received at the WTS was a combination of recyclables, non-putrescible and putrescible waste from commercial, industrial and municipal sources.

Table 5 - Waste Volumes Received at the WTS

Month	Waste
	(tonnes)
November 2020	8,787
December 2020	9,538
January 2021	7,890
February 2021	8,824
March 2021	14,427
April 2021	9,382
May 2021	9,141
June 2021	11,964
July 2021	7,524
August 2021	5,074
September 2021	7,879
October 2021	5,985
Total	106,415

Resource Recovery

The amount of recyclables that was recovered by the sorting line during the reporting period was 10,144 tonnes, as outlined by **Table 6**.

Table 6 – Recyclables Recovered at the WTS

Month	Waste (tonnes)
November 2020	1,066
December 2020	1,124
January 2021	1,082
February 2021	1,138
March 2021	1,142
April 2021	1,190
May 2021	1,011
June 2021	1,024
July 2021	826
August 2021	228
September 2021	175
October 2021	138
Total	10,144

Transportation Rates

The number of trucks that entered and left the site with waste and recyclables, during the reporting period, is provided in **Table 7**. A total of 22,440 waste trucks entered the site and a total of 4,945 trucks left the site with compacted waste. 854 trucks left the site with recyclables.

The Environmental Impact Statement (EIS) (SLR 2015a) predicted approximately 200 inbound waste delivery vehicles per day (or 72,800 incoming trucks per year) and approximately 30 outbound waste transfer vehicles would depart the site each day (or 10,920 outgoing trucks per year). These predicted totals are inclusive of Phase 1 and 2 of the Development. Actual numbers of incoming and outgoing waste transfer vehicles are currently less than those predicted in the EIS.

Table 7 – Transportation Rates during the reporting period 2020-2021

Operation Month	Number of Refuse Collection Vehicles Entering the site with Waste	Number of Trucks Leaving the site with Waste	Number of Trucks Leaving the site with Recyclables
November 2020	2,011	448	86
December 2020	2,140	483	82
January 2021	1,892	397	82
February 2021	1,965	445	80
March 2021	2,262	483	84
April 2021	2,089	484	84
May 2021	2,097	463	82

Operation Month	Number of Refuse Collection Vehicles Entering the site with Waste	Number of Trucks Leaving the site with Waste	Number of Trucks Leaving the site with Recyclables
June 2021	2,189	467	82
July 2021	1,914	402	76
August 2021	1,283	279	45
September 2021	1,278	296	40
October 2021	1,320	298	31
Total	22,440	4,945	854

Employees

During the reporting period 8 people were employed at the WTS. This number of employees is less than the anticipated number of employees at the site (25 people), as outlined in the *Erskine Park Waste and Resource Management Facility Modification to Approved SSD 7075 Environmental Assessment Report* (EME 2018).

Operational hours

The WTS is permitted to operate 24/7, in accordance with Condition B28, Schedule C, of SSD 7075, as modified. The site operates 24/7, with waste importation generally undertaken between 3am and 5pm, Monday to Friday, and 6am until 1 pm on Saturdays. Site waste handling hours directly relate to what is imported/exported each day. In general, waste handling hours are between 3am and 7pm, Monday to Friday, and on a as needed basis on Saturdays.

4.2 Next Reporting Period

Works and operations to be undertaken at the site during the next reporting period are discussed in **Section 12.**

5. Previous Annual Review and Independent Environmental Audit Actions

5.1 Previous Annual Review

Following lodgement of the previous Annual Review to DPE, no further actions or requests were received, to Cleanaway's understanding.

5.2 Independent Environmental Audit

During the previous reporting period, Cleanaway commissioned an Independent Environment Audit (IEA), in accordance with Condition C8 and C9 (Schedule C) of SSD 7075 (as modified). Refer to **Section 10** for further details regarding IEA requirements. **Table 8** provides the status of IEA action items. Outstanding action items are to be reported in the next Annual Review.

Table 8 – Status of IEA Action Items Item No.	Reference	Observation / Non- compliance	Recommended Action	Timeframe for Completion / Implementation	Status
SSD 7075 Con	ditions of Conse	nt			
1	Consent Condition B33	Landscaping	Implement post-establishment maintenance program as per the approved Landscape Plan to ensure landscaped areas remain sufficiently vegetated to prevent erosion.	30 November 2020	Landscaping works are ongoing at the site.
EIS Statement	of Commitment	ts			
2	Statement of Commitment 7.4.5	Landscaping	Implement post-establishment maintenance program as per the approved Landscape Plan to ensure landscaped areas remain sufficiently vegetated to prevent erosion.	30 November 2020	Landscaping works are ongoing at the site.
3	Condition O3.3		Establish vegetation in the areas that is consistent with Appendix I (Landscape Plan) of the OEMP to control sediment generation from the Stage 2 area.	31 October 2020	Landscaping works are ongoing at the site.

6. Environmental Performance

6.1 Meteorological

Environmental Management

Condition A9 (Schedule C) of SSD7075, as modified, and Condition M2.2 of EPL 20986 require continuous meteorological monitoring at the site. Cleanaway has established a weather station southeast of the site, adjacent to the landfill. During the reporting period, the weather station was fully operational.

Environmental Performance

Rainfall Monitoring

Monthly rainfall recorded at Erskine Park WTS during the reporting period is provided in Table 9.

Table 9 - Monthly Rainfall Totals recorded for the 2020-2021 reporting period

Month	Rainfall (mm)
November 2020	60.2
December 2020	121.4
January 2021	49.4
February 2021	90.6
March 2021	401.0
April 2021	13.6
May 2021	53.2
June 2021	40.0
July 2021	20.6
August 2021	60.2
September 2021	23.2
October 2021	63.6
Total	997.0

From November 2020 to October 2021, 997 mm of rainfall was recorded at the site. The majority of the rainfall was recorded during the first part of 2021, with the largest monthly rainfall recorded as 401.0 mm in March 2021.

Wind Monitoring

Wind velocity and direction are measured at the Erskine Park weather station. Monthly wind roses indicating wind speed and wind direction are provided in **Appendix A**. Wind was generally from a

southerly direction, from November 2020 to February 2021, and from a westerly direction from March to May 2021. Between August and September 2020 wind was generally from a northly direction.

Comparison against EIS Predictions

No relevant predictions for weather/climate are provided in the EIS (SLR 2015a).

Incidents and Improvements

There were no incidents related to weather monitoring during the reporting period.

6.2 Noise and Vibration

Environmental Management

Noise

Noise mitigation measures as outlined in the OEMP (SLR 2018a) and included in **Table 10** were implemented at the site during the reporting period to control the operation's noise. Hours of operation of the WTS, were between 3am till 5pm, Monday to Friday, and between 6am till 1 pm on Saturdays and on Sundays the operation was closed.

Table 10 - Noise Mitigation Measures implemented during the 2020-2021 reporting period

Development Consent Condition	Mitigation Measure
Condition B29, Schedule C	Best management practice is implemented at the site, including all reasonable and feasible noise management and mitigation measures to prevent and minimise operational, low frequency and traffic noise.
Condition B29, Schedule C	Noise impacts of the Development are minimised during adverse meteorological conditions.
Condition B29, Schedule C	Noise suppression equipment on plant is maintained.
Condition B29, Schedule C	Defective plant is not used, until it is fully repaired.
Statement of Commitments	All Cleanaway owned vehicles operating on the site are fitted with the High and Low Buzzer system, designed to minimise noise associated with reversing alarms.
Condition B29c), Schedule C	Cleanaway regularly assess noise emissions and relocate, modify and/or stop operations to ensure compliance with the relevant conditions of consent (SSD 7075).
Statement of Commitments	All mobile plant operating inside the WTS building are fitted with low frequency white noise reversing alarms.

Both the Development Consent and EPL 20986 do not require noise monitoring to be conducted at the site, although condition L3.1 of EPL 20986 sets the noise limit for the site. Noise emissions from the WTS are required to comply with the requirements of the NSW EPA's Industrial Noise Policy, in accordance with Condition L3.1, EPL 20986. The Policy recommends that LAeq noise levels arising from industrial noise sources should not exceed the levels included in **Table 11**.

Table 11 – Recommended LAeq Noise Levels from Industrial Noise Sources in NSW

Receiver	Noise Amenity Area	Time of Day ¹	Recommended Amenity Noise Level LAeq (period)
	Rural	Day	50 dBA
		Evening	45 dBA
		Night	40 dBA
	Suburban	Day	55 dBA
Residence		Evening	45 dBA
		Night	40 dBA
	Urban	Day	60 dBA
		Evening	50 dBA
		Night	45 dBA
Hotels, motels, caretakers' quarters, holiday accommodation, permanent resident caravan parks	See column 4	See column 4	5 dB(A) above the recommended amenity noise level for a residence for the relevant noise amenity area and time of day
School classrooms - internal	All	Noisiest 1- hour period when in use	35 dBA
Hospital ward internal external	All	Noisiest 1- hour	35 50
Area specifically for passive recreation	All	When in use	50 dBA
Active recreation area (e.g. School playground, golf course)	All	When in use	55 dBA
Commercial premises	All	When in use	65 dBA
Industrial premises	All	When in use	70 dBA
Industrial (applicable only to residential noise amenity areas)	All	All	Add 5 dB(A) to recommended noise amenity area

Noise monitoring was not undertaken at the site during the reporting period, as this is not required.

Vibration

Vibration limits have been set for the site. The vibrations limits are continuous or impulsive vibration criteria included in EPA's *Assessing Vibration: A Technical Guideline* (February 2006) at residential receivers. These criteria are provided in **Table 12**.

Table 12 – Preferred and maximum weighted root mean square (rms) values for continuous and impulsive vibration acceleration (m/s^2) 1–80 Hz in NSW

Location	Assessment period ¹	Preferred values		Maximum values	
Location		z-axis	x- and y-axes	z-axis	x- and y-axes
Continuous vibration	Day- or night-time	0.0050	0.0036	0.010	0.0072
Critical areas ²	Daytime	0.010	0.0071	0.020	0.014
Residences	Night-time	0.007	0.005	0.014	0.010
Offices, schools, educational institutions and places of worship	Day- or night-time	0.020	0.014	0.040	0.028
Workshops	Day- or night-time	0.04	0.029	0.080	0.058
Impulsive vibration					
Critical areas ²	Day- or night-time	0.0050	0.0036	0.010	0.0072
Residences	Daytime	0.30	0.21	0.60	0.42
	Night-time	0.10	0.071	0.20	0.14
Offices, schools, educational institutions and places of worship	Day- or night-time	0.64	0.46	1.28	0.92
Workshops	Day- or night-time	0.64	0.46	1.28	0.92

¹ Daytime is 7.00 am to 10.00 pm and night-time is 10.00 pm to 7.00 am

Vibration monitoring is not required to be undertaken at the site.

Environmental Performance

No noise or vibration monitoring was undertaken during the reporting period as this is not required for the site.

Noise and vibration were kept within reasonable levels at the site by implementing mitigation measures, with no noise or vibration complaints received, and no remedial actions/additional mitigation measures required to be implemented during the reporting period.

Comparison against Predictions

A comparison against predictions made in the EIS or trends in data is not provided as there was no noise or vibration monitoring required to be undertaken at the site, during the reporting period.

Incidents and Improvements

No reportable incidents associated with noise or vibration occurred during the reporting period. Subsequently, no improvements relating to these aspects will be implemented during the next reporting period.

² Examples include hospital operating theatres and precision laboratories where sensitive operations are occurring. There may be cases where sensitive equipment or delicate tasks require more stringent criteria than the human comfort criteria specified above. Stipulation of such criteria is outside the scope of this policy, and other guidance documents (e.g., relevant standards) should be referred to. Source: BS 6472–1992

6.3 Blasting

Blasting was not required for operational works.

6.4 Air Quality

Environmental Management

Air Quality (dust and odour) mitigation measures were undertaken at the site during the reporting period, as specified by the OEMP (SLR 2018a).

In accordance with Condition B10 (Schedule C) of SSD 7075, as modified, an Odour Management Plan (OMP) was prepared for the Development. Relevant mitigation measures in the OMP were implemented at the site during the reporting period.

Prior to the commencement of operations of the site, the Odour Management System (OMS) was installed, tested and commissioned. The OMS consists of:

- (i) A wet scrubber;
- (ii) Dilution stacks (Tri-stack system);
- (iii) Fast acting roller doors; and
- (iv) Water sprays/misters.

The OMS was maintained during the operation of the site.

A meteorological station has also been installed at the site that complies with the requirements in the latest version of the Approved Methods for Sampling of Air Pollutants in New South Wales. Cleanaway continuously operated the meteorological station during the reporting year and maintained records of meteorological data.

Dust monitoring was not required to be undertaken during site operations.

Odour monitoring was required to be undertaken twice a day, quarterly during the reporting period in accordance with the OEMP, the OMP and SSD 7075 Conditions B10 and B11. Monthly surveys were also required to be undertaken during Autumn, when there is an inversion layer that increases the potential for odour impacts offsite. Monitoring was undertaken during December 2020, March 2021, May 2021, June 2021 and September 2021. Odour monitoring was not undertaken during April 2021 due to an unavailability and oversight by contractors.

Environmental Performance

Results from Morning and Evening odour monitoring sessions are provided in **Table 13**. Odour monitoring determined the WTS did not have any reasonable potential impact to adjacent residential communities of Erskine Park, St Clair and Minchinbury.

Table 13 – Odour Monitoring Results for the 2020-2021 reporting period at Erskine Park WTS

Date	Result			
Date	Morning Session	Evening Session		
9 December 2020	No odour was detectable beyond the bo conducted at the WTS Facility at the time	oundary that can be related to the activities being .		
16 March 2021	No odour was detectable beyond the bo conducted at the WTS Facility at the time	oundary that can be related to the activities being		
17 May 2021	No odour was detectable beyond the bo conducted at the WTS Facility at the time	oundary that can be related to the activities being		
17 June 2021	Not conducted	No odour was detectable beyond the boundary that can be related to the activities being conducted at the WTS Facility at the time.		
22 June 2021	No odour was detectable beyond the boundary that can be related to the activities being conducted at the WTS Facility at the time.	Not conducted		
14 September 2021	A localised odour was detected at Measurement location point (MLP) n°2 at low to very low intensities with a frequency of 7%. This detection was below the odour impact frequency criterion of 10% or less. This odour was not detectable at any other MLP. No odour was detectable beyond the boundary that can be related to the activities being conducted at the WTS Facility at the time.	No odour was detectable beyond the boundary that can be related to the activities being conducted at the WTS Facility at the time.		
21 September 2021	Odour was detected at MLP2 at very low intensities with a frequency of 3%. This detection was below the odour impact frequency criterion of 10% or less. This odour was not detectable at any other MLP. No odour was detectable beyond the boundary that can be related to the activities being conducted at the WTS Facility at the time.	No odour was detectable beyond the boundary that can be related to the activities being conducted at the WTS Facility at the time.		

During the 17 June 2021 odour survey, monitoring was conducted only during the evening session, while on 22 June 2021 odour monitoring was only undertaken during the morning.

No complaints regarding odour were received during the reporting period.

Comparison against Predictions

The Erskine Park WTS EIS (SLR 2015a) stated that with air pollution controls the odour impact would be contained within the industrial area and would avoid impact on residential areas. The findings of odour monitoring undertaken during the reporting period is in accordance with this prediction.

Incidents and Improvements

No reportable incidents or complaints related to air quality occurred during the reporting period.

Odour monitoring will continue to be undertaken during the next reporting period.

6.5 Biodiversity

Environmental Management

The site is highly disturbed. There is little remnant vegetation at the site. Areas of vegetation are predominantly maintained lawns of exotic grasses (Couch and Kikuyu) and weeds (Paddy's Lucerne, Cobblers Peg Red-flowered Mallow), with scattered planted trees (Sydney Blue Gum, Blackbutt, Lemon-scented Gum and Spotted Gum). Most of this remnant vegetation was cleared to make way for the construction of the WTS, although no trees were removed from the site.

The SSD approval does not prescribe the establishment or management of any biodiversity/conservation offset areas. Additionally, the Development did not require referral under the *Environment, Protection and Biodiversity Conservation Act, 1999* (EPBC Act) (C'wealth).

During the reporting period Spotless installed baits around the WTS to control vermin.

In accordance with Schedule C, Condition B38, pest, vermin and noxious weed inspections are undertaken at the WTS.

Environmental Performance

Inspections were undertaken to ensure pest/vermin management measures were working effectively, and where required, baits were restocked/replaced and pesticides applied. These inspections and pest/vermin control undertaken ensured pests/vermin were not present on-site in numbers that posed an environmental hazard. Summarised results of regular pest and vermin inspections are included in **Appendix C**. As indicated, vermin and pest activity appeared to peak after June 2021, with the most baits restocked/replaced at this point of time.

Monthly workplace inspections were also undertaken at the WTS that cover various aspects of the site, including weeds. Inspections undertaken throughout the reporting period confirmed that weeds were under control. Completed Workplace Inspection Forms are provided in **Appendix D**.

Comparison against Predictions

No relevant predictions for pests, vermin nor noxious weeds are provided in the EIS (SLR 2015a).

No complaints related to vermin, pest and noxious weed management were received during the reporting period.

Improvements

Vermin, pest and weed monitoring and control will continue to be undertaken during the next reporting period.

6.6 Heritage

The site does not contain any Aboriginal and Non-Aboriginal heritage sites.

6.7 Traffic

Environmental Management

During the reporting period traffic was managed in accordance with the OEMP (SLR 2018a). **Table 14** lists additional management and mitigation measures that have been implemented during the reporting period to minimise the impacts of traffic and access.

Table 14 - Traffic Mitigation Measures implemented during the 2020-2021 reporting period

Development Consent Condition	Mitigation Measure
EIS Appendix A (Section 7.5)	Methods of communication are by two-way radio, mobile phone, visual and verbal. Site supervisors, traffic controllers and employees/contractors (as appropriate) have a two-way radio to be contactable at all times. The communication channels for two-way radio are advised.

Environmental Performance

Transport rates during the reporting period are presented in **Section 4.1**.

No complaints related to construction or operations traffic were received during the reporting period.

Comparison against Predictions

The EIS (SLR 2015a) predicted that at full operation the total number of inbound vehicles delivering waste to the Erskine Park WRMF would be in the vicinity of 200 per day. The number of outbound waste transfer vehicles from the WTS was estimated at approximately 30 semi-trailers and B-doubles per day. The actual traffic experienced at the site during the reporting period was less than predicted, with incoming traffic volumes 31% and outgoing traffic 47% less than that predicted.

Incidents and Improvements

No reportable incidents relating to traffic occurred during the reporting period.

6.8 Waste Management

During the reporting period waste was managed in accordance with the Operational Waste Management Plan (OWMP) (SLR 2018a). Additional waste management measures implemented at the site are included in **Table 15**. Waste generated at the site was managed appropriately.

Table 15 – Waste Management Measures implemented at Erskine Park WTS during the 2020-2021 reporting period

Development Consent Condition	Mitigation Measure
Development Consent Condition B1	Only materials and waste is received at the site, which are permitted by the site's EPL 2093.
Waste Reuse, Recycling	and Disposal
EIS Appendix I	Green waste is mulched and re-used in landscaping on-site or used off-site.
(Section 5.5) EIS Section 7.12.4	Waste oil was recycled or disposed of in an appropriate manner.
	All used crates were stored for reuse, unless damaged.
	All asbestos, hazardous and/or intractable wastes would be disposed of in accordance with WorkCover Authority and EPA requirements.
	Provision is made on-site for the collection of batteries, fluorescent tubes, smoke detectors and other recyclable resources.
	Container and paper/cardboard recycling is provided on-site for employee use. Alternatively, these items are separated at an appropriately licensed facility and sent for recycling.
	All waste generated at the site is disposed of via a council approved system.

Environmental Performance

Bins and waste storage areas were inspected (monitored and audited) during monthly workplace inspections. Results from these inspections are provided in **Appendix D**. Inspections were undertaken for all months except November 2020. These inspections ensured there was provision for waste recycling, there was no litter present and waste was stored on sealed ground. These inspections ensured that waste was being managed appropriately and any identified deficiencies were rectified.

No complaints were received about waste and there were no incidents relating to waste.

Incidents and Improvements

No reportable incidents relating to waste (generated from site activities) occurred during the reporting period.

During the next reporting period the site's waste management program will continue to be implemented, in accordance with the site's OWMP. In accordance with this Plan, operations waste will continue to be sent to a licenced landfill facility and disposed of in an approved manner. Operations waste will also be recycled, where possible.

During the next reporting period inspections of bins and waste storage areas will continue to be undertaken.

6.9 Visual Amenity

Environmental Management

Management and mitigation measures were implemented at the site during the reporting period to minimise direct and indirect impacts on visual amenity, in accordance with the OEMP (SLR 2018a). The screen adjacent to the site office (refer to Photo 1, below) and the landscaping at the site was maintained during the reporting period.



Photo 1 Screen and Landscaping Adjacent to the Site's Office

Environmental Performance

No complaints regarding visual impacts were received by the site.

Comparison against Predictions

A Visual Impact Assessment (VIA) (Green Bean Design 2015) was undertaken (as part of the EIS) to assess the impact of the Development on the existing landscape character of the surrounding environment. The VIA found the Development is consistent with the existing industrial development and with the implementation of mitigation measures it would have limited visual impacts during operations. The Development would therefore have negligible impact on the visual amenity of people living in or traveling through the landscape of the surrounding area. All the required mitigation measures were maintained during the reporting period; therefore, the visual impacts of the Development were consistent with the EIS predictions.

Incidents and Improvements

No reportable incidents relating to visual impacts occurred during the reporting period. Therefore, no visual amenity improvements are proposed for the site during the next reporting period.

6.10 Contamination

Environmental Management

Mitigation measures were implemented during the operation of the site in accordance with the OEMP (SLR 2018a) to minimise the potential for contamination.

Any non-conforming waste transported to the WTS was separated and managed and disposed of appropriately.

Environmental Performance

During the reporting period 633.4 tonnes of non-conforming waste (mattresses, tyres etc) was received by the site. How non-conforming is managed is provided in **Table 16**.

Table 16 - Non-conforming Waste Management at Erskine Park WTS during 2020-2021 reporting period

Non-conforming Waste Type	How Disposed	Where Disposed
Tyres	Collected in a 30m ³ cage monthly	Commonwealth Steel Company Pty Ltd EPL 21294 1 Turners Lane, Cootamundra, NSW
Mattress	Collected in five 30m³ bins weekly	Mattress Recycle Australia Ltd EPL 21294 1 Turners Lane, Cootamundra, NSW

During the reporting period no complaints regarding contamination or non-conforming waste were received.

Comparison against Predictions

The EIS (SLR 2015a) did not quantify (predict) the amount of non-conforming waste that could potentially be brought to the site. No comparison is therefore made.

Incidents and Improvements

During the reporting period there were no accidental spills of chemicals/hydrocarbons.

Any non-conforming waste that is brought to the site in waste loads will be managed appropriately, during the next reporting period.

7. Water Management

The sections below provide details regarding water management and water monitoring results for the site, during the reporting period.

The site does not have any water licences therefore water take is not reported. In addition, the site does not discharge water (besides sewage), belong to a salinity trading scheme or provide compensatory water to other users.

7.1 Surface Water

Environmental Management

During the reporting period, mitigation measures were implemented to minimise direct and indirect impacts on surface water. These were undertaken in accordance with the OEMP (SLR 2018a). Cleanaway also complied with Section 120 of the *Protection of Environment Operations (POEO) Act 1997*, during the reporting period.

A Stormwater Management Scheme (SMOP) (SLR 2018b) has been prepared for the site, consistent with the Stormwater Management Plan for the catchment, in accordance with Condition B16 (Schedule C) of SSD 7075, as modified. Implementation of the scheme will mitigate the impacts of stormwater run-off from and within the site. The SMOP stormwater controls were implemented during the reporting period.

The SMOP also outlines the stormwater quality monitoring for the site, as summarised in **Table 17**.

Table 17 – Stormwater Water Quality Monitoring Program implemented at Erskine Park WTS during the 2020-2021 reporting period

Parameter	Default Trigger Value*	Inspection Frequency	Responsibility	
Chlorophyll a (Chl a) (mg/L)	0.003			
Total Phosphorous (TP) (mg/L)	0.025			
Filterable reactive phosphate (FRP) (mg/L)	0.02			
Total Nitrogen (TN) (mg/L)	0.35			
Oxides of Nitrogen (NOx) (mg/L)	0.04	Monthly during		
Ammonium (NH4+) (mg/L)	0.02	discharge for first year and bi-annually during	Cleanaway	
Dissolved oxygen (DO) (daytime % saturation)	85% - 110%	discharge thereafter		
рН	6.5 – 8.5			
Salinity (μS/cm)	125 – 220 **			
Turbidity (NTU)	6-50 ***			
Total Suspended Solids	50mg/L			

The SMOP also outlines the stormwater structures monitoring and maintenance program. This is summarised in **Table 18**.

Table 18 – Stormwater Structures Monitoring and Maintenance Program

System / Device	Inspection / Maintenance Tasks	Responsibility	Inspection Frequency	Mitigation Actions			
Bioretention Vegetation	Check for weeds. Check health of plants. Note – the health of the plants is crucial to the treatment process.	Landscape Contractor	Monthly for first 6 months and quarterly thereafter	Control weeds Replacement of plants as required. Investigate causes of significant die back / dead plants.			
Bioretention Filter Media Surface	Inspect filter media for sediment build up, litter, erosion or scour damage.	Cleanaway	Monthly and after heavy rainfall events (>30mm in 24 hours) for first 6 months and quarterly thereafter	Removal of any litter from bioretention filter media surface. Scrape away small amounts of isolated sediment build up (if required). Seek advice from a suitably qualified stormwater engineer or consultant where significant erosion, scour or filter media damage is observed.			
Basin Inlet Forebay	Inspect forebay for litter and sediment build up. Check depth of sediment in forebay.	Cleanaway	Quarterly	Remove any litter from forebay. Schedule removal of sediment to rock level if greater than 50% of forebay is full of sediment.			
Basin Inlets and Outlets	Inspect inlets and outlets for blockage and debris.	Cleanaway	Monthly and after heavy rainfall events (>30mm in 24 hours)	Unblock inlets and outlets if required. Seek advice from a suitably qualified stormwater engineer or consultant where inlets or outlets are significantly damaged.			
Bioretention Underdrainage	Inspect for blockages and isolated surface ponding.	Cleanaway	Quarterly	Flush underdrainage at flush points if required.			
Humeceptors	Inspection in accordance with Humeceptor inspection procedures.	Cleanaway / Contractor	Quarterly for first year. Establish appropriate frequency based on findings of first year of inspections.	Schedule cleaning as required.			
	Cleaning in accordance with Humeceptor cleaning procedure	Vacuum / eductor truck contractor	Annually – subject to inspection observations.	Not applicable			

System / Device	Inspection / Maintenance Tasks	Responsibility Inspection Frequency		Mitigation Actions		
Atlantis Flow- Tank OSD System	Inspect for blockages and sediment build up including inlet and outlet pipes	Cleanaway	Bi-annually	Remove blockages and de-silt as required.		
Pits and Pipes (including trash racks and Ecosol Litter Baskets)	Inspect for blockages and debris, or excessive build-up of sediment	Cleanaway	Quarterly for first year. Establish appropriate frequency based on findings of first year of inspections.	Remove blockages and debris as required manually or via vacuum.		
Rainwater tanks	Inspect the structural integrity of the tank, blockages, sediment build up and evidence of animal access including the associated pipework, inlets / outlets, insect proofing and leaf filters.	Cleanaway	Quarterly for first year and bi-annually thereafter.	Cleaning and repair of tank as required. Seek advice from a suitably qualified consultant where structural damage is observed. If significant issue is observed, then the access points will be temporarily closed.		
Roof gutters	Check for accumulated debris including leaf litter.	Cleanaway	Annually	Clean out of gutters.		
Bunded areas	Inspect for spills and integrity of bunds.	Cleanaway	Weekly	Disposal of any spilled hazardous materials in a suitable manner. Re-instate bunds as required.		

Leachate is managed at the WTS in accordance with the Leachate Management System (Protocol), in accordance with Condition B17 of SSD 7075. In accordance with the Protocol, leachate from the WTS operations was transferred to the adjacent leachate treatment plant (LTP) for treatment, refer to **Figure 2**. Once treated, the leachate was then discharged into the Penrith City Council (PCC) sewer system in accordance with the existing trade waste discharge agreement with Sydney Water. No leachate was sent off-site for treatment, during the reporting period.

Water quality monitoring of the treated leachate in the LTP is undertaken in accordance with the existing trade waste agreement.

Environmental Performance

The LTP is managed by Cleanaway's landfill operations. This includes the leachate monitoring program. Subsequently, leachate monitoring results are not provided. They are reported to Sydney Water separately under the terms of the Trade Waste Agreement.

Discharges from the bioretention basin were monitored, during the reporting period.

To improve surface water management at the site a stormwater valve was installed, to act as an emergency stop. This improvement was identified by Cleanaway and was not a requirement of DPE or EPA.

Comparison against Predictions

The Erskine Park WTS EIS (SLR, 2015a) predicts there will be no impacts on local water resources including the flow and quality of surface water. The factors which contributed this prediction included:

- Absence of floodable land shown on Broader Western Sydney Employment Area draft Structure Plan 2013;
- Water requirements of WTS will be serviced by existing infrastructure;
- Stormwater runoff will be captured by the existing bioretention basin which overflows to the Council's stormwater system by an outlet structure;
- The absence of on-site waste disposal or long-term waste stockpiling; and
- No Acid Sulphate Soils (ASS) with moderate salinity levels are present on-site (SLR, 2015a).

There were no impacts to external surface water during the reporting period, with stormwater runoff captured by the bioretention basin, prior to release.

Incidents and Improvements

No incidents or complaints relating to surface water occurred during the reporting period.

Mitigation measures for stormwater and leachate will continue to be implemented, during the next reporting period. Stormwater and leachate monitoring will also be undertaken, during the upcoming year.

7.2 Groundwater

Environmental Management

The Statement of Commitments in Appendix 3 of SSD 7075, as modified, requires a program of groundwater monitoring to be undertaken at the site, building on the ongoing groundwater monitoring program undertaken for the adjacent Erskine Park landfill.

Monitoring is undertaken at 13 groundwater bores surrounding the Erskine Park landfill in accordance with the site's EPL (EPL 4865). Two of the groundwater bores (BH17D and BH17E) are within the WTS site. Quarterly groundwater monitoring at these bores was undertaken during the reporting period. Samples were analysed for the same parameters as those monitored for the landfill groundwater monitoring program.

Groundwater quality criteria/limits have not been set for the site. However, EPL 4865 sets a detection limit for ammonia (15 mg/L). In accordance with EPL 4865, if an ammonia level of 15 mg/L or more is detected, confirmation sampling will occur, and Cleanaway will prepare a report that proposes actions that will be implemented to prevent the release of contaminated groundwater from the premises.

Environmental Performance

Groundwater monitoring results for the bores within the site are provided in **Table 19**. Other groundwater bores, as depicted on **Figure 4**, are monitored as part of the Erskine Park Landfill EPL 4865 requirements, therefore the results of these are not reported here.

Table 19 – Average Quarterly Results for Groundwater Monitoring Bores registered at Erskine Park WTS during the 2020-2021 reporting period

Parameter	BH17D	BH17E	LOR
Total Dissolved Solids (TDS) (mg/L)	4200	1010	10
TOC (mg/L)	8.2	1.4	1
Ammonia (mg/L)	9.8	2.4	0.01
Calcium (mg/L)	123.3	79.3	1
Magnesium (mg/L)	92.3	99.7	1
Sodium (mg/L)	1233.3	180	1
Potassium (mg/L)	58.7	8.1	1
Chloride (mg/L)	2166.7	88	1
Sulphate (mg/L)	11	55	1
Alkalinity (mg/L)	846.7	803.3	1

Note: Groundwater monitoring averages based on Quarter 1, 2 and 3 results. Quarter 4 results were not available at the time of preparation of this Annual Review.

Parameters as Hydroxide, Carbonate and Bicarbonate were not monitored during the reporting period.

The ammonia level for the groundwater monitoring bores was below the EPL 4865 detection limit. Baseline groundwater data for BH17D and BH17E is included in **Appendix E.** Groundwater quality levels for BH17D were generally higher than baseline levels, except for potassium and sulphate. For BH17E groundwater quality levels were higher than baseline levels for all parameters except for sodium and potassium.

Average groundwater depths for BH17D and BH17E during the reporting period were 17.3 m and 9.7 m, respectively¹. These depths were approximately the same as those recorded during the last reporting period.

Comparison against Predictions

The Erskine Park EIS (SLR, 2015a) predicted the local groundwater was unlikely to be impacted by the Development. The site performed in accordance with EIS predictions.

Incidents and Improvements

No reportable incidents relating to groundwater occurred during the reporting period, therefore no improvements are proposed by Cleanaway.

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¹ Groundwater depths based on Quarter 1, 2 and 3 results. Quarter 4 depths were not available at the time of preparation of this Annual Review.



The groundwater	monitoring	nrogram	will	continue	to	he	undertaken	during	the i	next	reporting
period.	mornicoring	program	*****	continue			anacrtaken	aaring		icat	reporting

8. Rehabilitation (Landscaping)

Since landscaping was undertaken at the site during December 2018, these landscaped areas have been maintained monthly during wintertime and fortnightly in summer.

9. Community

9.1 Community Sponsorship

Cleanaway provides support to several community organisations and groups.

9.2 Community Consultation and Information Strategy

In accordance with Condition C1 and C3 of SSD 7075, as modified, a Community and Information Strategy was prepared for the Site and is included in the OEMP (SLR 2018a).

Phone consultation was held with neighbours from the nearby neighbourhood, during October 2021. The consultation focused on neighbours' opinions about landfill activities. During these brief discussions, no complaints were made.

9.3 Project Websites

In accordance with Condition C3 of SSD 7075, as modified, the community is kept informed of the operation and environmental performance of the Site, with all Annual Reviews posted on the corporate website:

https://www.cleanaway.com.au/about-us/environmental management/

In accordance with condition C13 SSD 7075, as modified, the website also provides the following information:

- Staged Development application;
- EIS (SLR 2015a);
- RTS (SLR 2015b);
- Statutory approvals;
- Monitoring results;
- Management plans;
- · Complaints Register; and
- Independent Audits.

The website also includes Community Newsletters and updates on information discussed at community briefing sessions.

9.4 Complaints

During the 2019-2020 and 2020-2021 reporting periods, no complaints were received by Cleanaway about the site. During the 2018-2019 and 2017-2018 reporting periods nine complaints and two complaints were received, respectively. **Table 20** summarises complaints over the last four reporting periods.

Table 20 – Complaints Received during the last three Reporting Periods

Compliant Type	2017-2018	2018-2019	2019-2020	2020-2021
Odour	0	9	0	0
Dust	1	0	0	0
Hazardous Materials	1	0	0	0
Total	2	9	0	0

10. Independent Audit

In accordance with Condition C8 and C9 (Schedule C) of SSD 7075 (as modified) Cleanaway commissioned an IEA during the previous reporting period. This audit was conducted within 1 year of the date of the commencement of operation of the Development. During this IEA a total of sixteen non-compliances were observed. A status update regarding audit action items is provided in Section 5.2.

The next IEA is due to be commissioned on 17 December 2022.

11. Incidents and non-compliances during the reporting period

11.1 Non-compliances

One (1) non-compliance occurred during the reporting period. The non-compliance is related to odour monitoring not being undertaken during April 2021. This was due to an unavailability and oversight by contractors. Cleanaway will ensure all odour monitoring is undertaken in accordance with SSD 7075 Schedule C Condition B11, during the next reporting period.

11.2 Incidents

No reportable incidents or exceedances occurred during the reporting period.

11.3 Other

Cleanaway did not receive any official cautions, warning letters, penalty notices or undertake prosecution proceedings for the site, during the reporting period.

12 Activities to be completed in the next reporting period

The WTS will receive and process approximately 100,000 tonnes of waste during the next reporting period.

Activities to be completed during the next reporting period, to manage the environmental performance of the operation include:

- Maintain landscaping at the site;
- Continue groundwater monitoring at the site;
- Conduct stormwater monitoring at the site, in accordance with the SMOP;
- Undertake quarterly odour monitoring at the site;
- Continue to operate the weather monitoring station at the site;
- Manage any complaints received at the site;
- Consult with DPE regarding Stage 2 of the Development;
- Undertake inspections of bins and waste storage areas;
- Undertake vermin, pest and weed monitoring and control;
- Submit the site's third Annual Return to the EPA;
- Relocate the CDS from Blacktown WTS to the Erskine Park WTS; and
- Undertake concrete slab replacement works.

References

Cleanaway (2018) Operational Waste Management Plan - Erskine Park Waste Transfer Station – Stage 1.

DPIE (2015) Annual Review Guideline. Post-approval Requirements for State Significant Mining Developments.

EPA (2006) Assessing Vibration: A Technical Guideline.

Green Bean Design (2015) Erskine Park Waste Transfer Station. Visual Impact Assessment.

Jackson Environment and Planning (2020) Erskine Park Waste Transfer Station Independent Environmental Audit.

Jocelyn Ramsay & Associates (2018) Erskine Park WTS Landscape Site Plan.

SLR (2015a) Erskine Park Resource Management Facility. Staged SSD (SSD – 7075) Concept Plan and Stage 1 Waste Transfer Station. Environmental Impact Statement (EIS).

SLR (2015c) Erskine Park Resource Management Facility Staged SSD. Air Quality Impact Assessment (AQIA).

SLR (2018a) Operational Environmental Management Plan - Erskine Park Resource Management Facility Stage 1 Waste Transfer Station.

SLR (2018b) Stormwater Maintenance and Operations Plan. Erskine Park Transfer Station – Stage 1.

The Odour Unit (TOU) (2019) Erskine Park Resource Management Facility – Waste Transfer Station Odour Audit.

Appendix A Wind roses

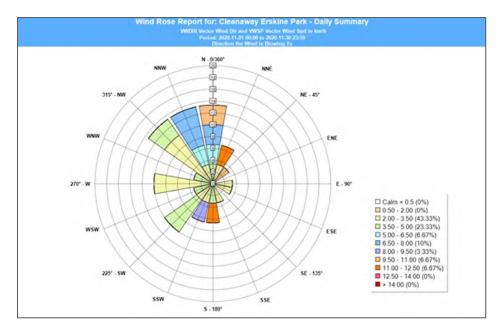


Figure A1 November 2020 Wind Rose

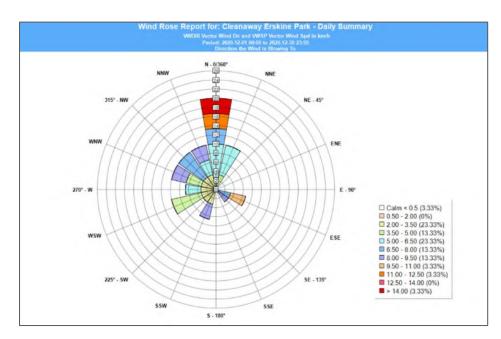


Figure A2 December 2020 Wind Rose

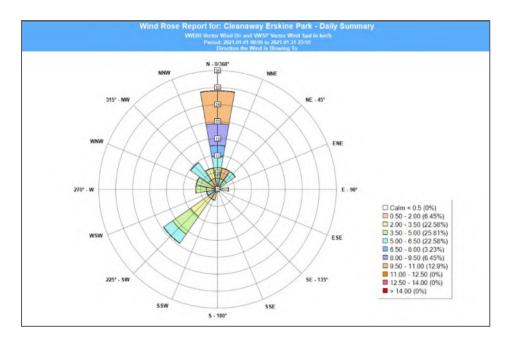


Figure A3 January 2021 Wind Rose

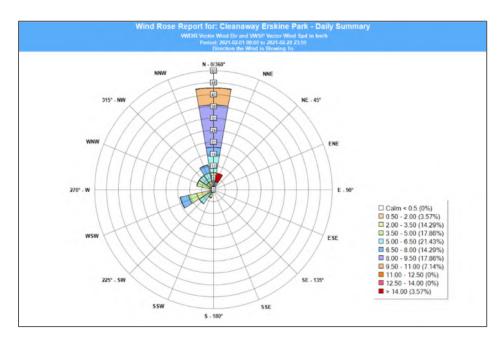


Figure A4 February 2021 Wind Rose

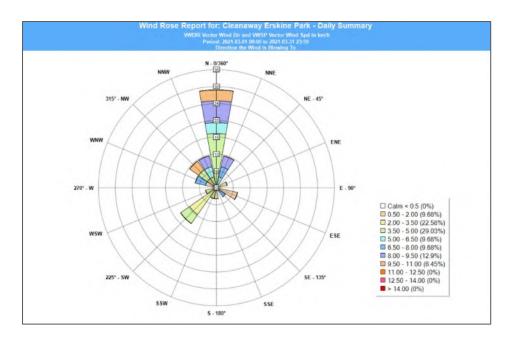


Figure A5 March 2021 Wind Rose

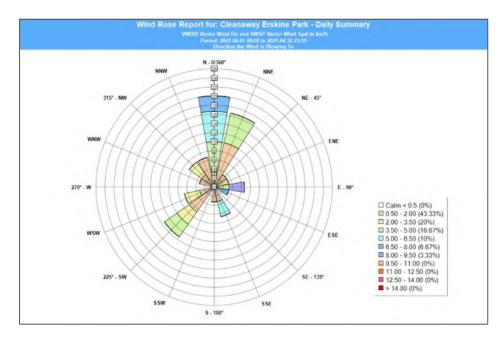


Figure A6 April 2021 Wind Rose

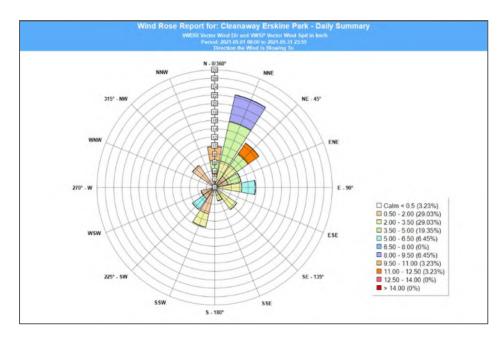


Figure A7 May 2021 Wind Rose

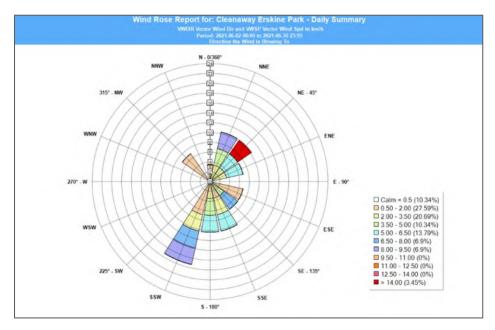


Figure A8 June 2021 Wind Rose

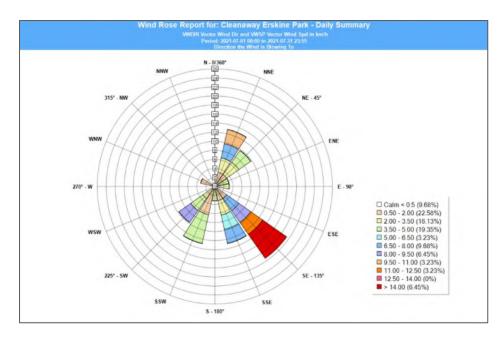


Figure A9 July 2021 Wind Rose

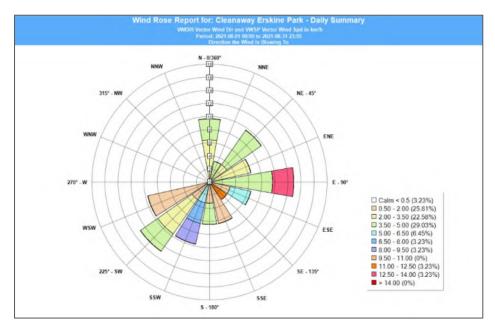


Figure A10 August 2021 Wind Rose

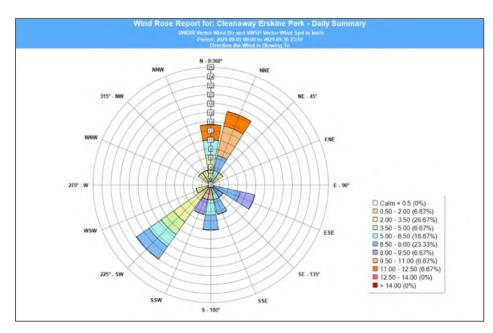


Figure A11 September 2021 Wind Rose

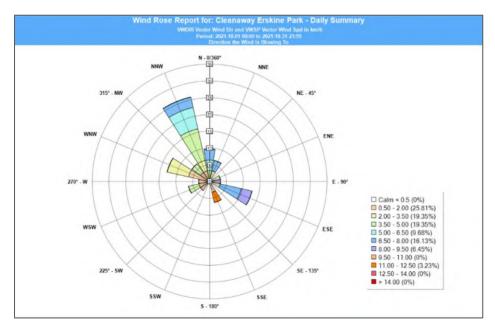


Figure A12 October 2021 Wind Rose

Appendix B Pest and Vermin Inspection Results

Table B1 – Pest and Vermin Inspection Results

Station Type	Total	Activity	Preventative	No Activity	Damaged	Replaced	Inaccessible	Removed				
November 2020												
#Bait Station (Rodent Toxic)	0	0	0	0	0	0	0	0				
#Bait Station (Rodent Non-Toxic)	0	0	0	0	0	0	0	0				
Rodent Snap Trap	0	0	0	0	0	0	0	0				
Rodent Station (other)	0	0	0	0	0	0	0	0				
December 2020												
#Bait Station (Rodent Toxic)	0	0	0	0	0	0	0	0				
#Bait Station (Rodent Non-Toxic)	0	0	0	0	0	0	0	0				
Rodent Snap Trap	0	0	0	0	0	0	0	0				
Rodent Station (other)	0	0	0	0	0	0	0	0				
January 2021												
Not recorded												
February 2021												
#Bait Station (Rodent Toxic)	0	0	0	0	0	0	0	0				
#Bait Station (Rodent Non-Toxic)	0	0	0	0	0	0	0	0				
Rodent Snap Trap	0	0	0	0	0	0	0	0				
Rodent Station (other)	0	0	0	0	0	0	0	0				
March 2021												
#Bait Station (Rodent Toxic)	0	0	0	0	0	0	0	0				
#Bait Station (Rodent Non-Toxic)	0	0	0	0	0	0	0	0				
Rodent Snap Trap	0	0	0	0	0	0	0	0				
Rodent Station (other)	0	0	0	0	0	0	0	0				
April 2021												
#Bait Station (Rodent Toxic)	32	0	0	32	0	0	0	0				
#Bait Station (Rodent Non-Toxic)	0	0	0	0	0	0	0	0				
Rodent Snap Trap	0	0	0	0	0	0	0	0				
Rodent Station (other)	0	0	0	0	0	0	0	0				
May 2021												
	32 0	0	0	32 0	0	0	0	0				

Station Type	Total	Activity	Preventative	No Activity	Damaged	Replaced	Inaccessible	Removed
Rodent Snap Trap	0	0	0	0	0	0	0	0
Rodent Station (other)	0	0	0	0	0	0	0	0
June 2021								
#Bait Station (Rodent Toxic)	32	15	0	17	0	0	0	0
#Bait Station (Rodent Non-Toxic)	0	0	0	0	0	0	0	0
Rodent Snap Trap	0	0	0	0	0	0	0	0
Rodent Station (other)	0	0	0	0	0	0	0	0
July 2021								
#Bait Station (Rodent Toxic)	45	3	0	42	0	0	0	0
#Bait Station (Rodent Non-Toxic)	0	0	0	0	0	0	0	0
Rodent Snap Trap	0	0	0	0	0	0	0	0
Rodent Station (other)	0	0	0	0	0	0	0	0
August 2021								
#Bait Station (Rodent Toxic)	46	3	0	43	0	0	0	0
#Bait Station (Rodent Non-Toxic)	0	0	0	0	0	0	0	0
Rodent Snap Trap	0	0	0	0	0	0	0	0
Rodent Station (other)	0	0	0	0	0	0	0	0
September 2021								
#Bait Station (Rodent Toxic)	46	3	0	43	0	0	0	0
#Bait Station (Rodent Non-Toxic)	0	0	0	0	0	0	0	0
Rodent Snap Trap	0	0	0	0	0	0	0	0
Rodent Station (other)	0	0	0	0	0	0	0	0
October 2021								
#Bait Station (Rodent Toxic)	46	0	0	46	0	0	0	0
#Bait Station (Rodent Non-Toxic)	0	0	0	0	0	0	0	0
Rodent Snap Trap	0	0	0	0	0	0	0	0
Rodent Station (other)	0	0	0	0	0	0	0	0

Appendix C Completed Workplace Inspection Forms



Hatti manautintui ai aitii											
Division: Poss Coulci (0-5 Branch:	EPTS				Date of this Inspect	ion: 11/12/2020					
Instructions The workplace inspection form shall be tailored to suit the site and activities The workplace inspection shall be a visual inspection of all areas of the site to establish whether any workplace hazards are controlled The workplace inspection team shall access the relevant procedures to ensure that plant, equipment and workplace meet the required standards. The results of the inspection shall be discussed at the health and safety committee (if applicable) with the Site Leadership, Regional Manager, and Health & Safety Representatives Definitions Corrected immediately: was an immediate action taken which was able to correct the issue (i.e. clean up a spill). Corrective action: does further action need to be taken to rectify an issue (i.e. order and replace the leaking hose). Record action in VAULT. Root cause: if a corrective action is required what was the cause of the issue? Has the corrective action addressed the root cause?											
SECTION 1: EMERGENCY EQUIPMENT & PLANNING		Ti.			Additional Corrective	Root Cause:					
CHECK ITEM	Υ	N	NA	Corrected immediately	Action Required	What caused this issue?					
Site Emergency Management Plant (SEMP) displayed and up-to-date?	Ø										
Clear access (min. 1 meter) to fire-fighting equipment (e.g. fire hoses, extinguishers, etc.)? Are they clearly marked and serviced within 6 mon Locations – 12	ths?										
Emergency Evacuation Site Maps located in prominent areas on site? Locations – 1											
Exit doors clearly marked, not obstructed, and easily opened from inside Exit signs appropriately displayed and illuminated?											
Emergency spill kits stocked and freely accessible? Are kits secured using an anti-tamper tag or tape? (note: do not use a cable tie or wire) Locations – 1	V										
Emergency equipment (e.g. alarms buttons, eye wash, showers, etc.) free available and not obstructed?	eely										
Are emergency stops functioning as required? Locations - 1324 Lare 2 Laren Lens 4	\										
Minimum build-up of combustible materials (boxes, paper, etc.)?											
First aid kits accessible, clearly marked, and well stocked?											



SECTION 2: PROCEDURAL COMPLIANCE				Corrected	Root Cause:	
CHECK ITEM	Y	N	NA	immediately?	What caused this	Additional Corrective Action Required
All walkways/roadways clear of obstructions and trip hazards? Clearly marked/delineated?		V			COMMIND MOVED	Raximon of Crounty
All non-authorised personnel and vehicles (including plant) is segregated to reduce the likelihood of a collision.						
Site speed limits and traffic controls signposted?						
Correct PPE provided and worn as required?						
Additional PPE freely accessible to employees, visitors, and contractors?		<u> </u>			No STOCK	ORSER P2 MASKS
Machine guarding correctly fitted and used?						
Are ladders, lifting equipment, load restraints, hoses and compressed gasses tested and tagged? Records are maintained? Types of equipment 12						
Plant or equipment tagged-out and isolated during maintenance or repair?						
Fall restraint or prevention systems used in fall risk works?			□ □ Z			
Risk assessments (RAs) and work instructions (WIs) freely accessible to workers? Records signed by worker maintained?						
Health & Safety Noticeboard in place and to date with relevant company safety documentation?						
HSE Activity Planner has been reviewed and is complete Latest review date//						;4
SECTION 3: ELECTRICAL SAFETY						
CHECK ITEM	Υ	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
All electrical equipment has current inspection/test tags attached?					SPOTLESS	REQUESTED ANNUM TAG TO
Electrical cords kept away from water or other conductors?	Ø					
Electrical cords and switches are free from damage? Damaged equipment tagged out and discarded?	Ø					



		Shorte		COLD. TO SEE VANDERS WAS	A SCHOOL STATE	
Ø						
\square				7		
Y	N	NA	Corrected immediately?	Root Cause: What caused this Additional Corrective issue?		nal Corrective Action Required
	\square			LITTER	ren Incremsé Lin	
Υ	N	NA	Corrected immediately?	Root Cause: What caused this is	ssue?	Additional Corrective Action Required
\Box						
\forall						
\square						
	Y	Y N	Y N NA Y N NA	Y N NA Corrected immediately? Y N NA Corrected immediately?	Y N NA Corrected immediately? What caused this issue?	Y N NA Corrected immediately? Y N NA Corrected immediately? Y N NA Corrected immediately? What caused this issue? Y N NA Corrected immediately? What caused this issue?



。我们是指的权力表面的基础信息,然后也没有证明的现在分词,不是这种的基础的是是一种						AND SHAPE OF THE PARTY OF THE P
Are there provisions for site-based waste recycling?						
Taps / hoses / water use are intact, no leaks, and no water wastage?						
Authorised Waste Carrier approval evident in/on vehicle(s)? Waste code documents in registered vehicle? (view approval in each applicable vehicle)	\square					
Is there any evidence of offensive odours around the site?		\square				
Is there any evidence of offensive vermin around the site?		abla				
Are bins, containers, vessels ect free of pooled water?						
Is packaged waste stored on unsealed ground?		\square				1
SECTION 6: CHEMICAL COMPLIANCE	2.					1
CHECK ITEM	Υ /	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured?	d ,					
Bulk stored chemicals are stored in suitably bunded areas?	\(\overline{\pi}\)					
Are gas cylinders securely stored?	A					
Are bunds in good and clean condition? Is there any evidence of damage to the bind walls?		Ø			BROUGH BUND	Replacement, 12.
Are sumps and bunds clear of build-up of sludge or solid waste?	1					
Are all chemicals labelled?						
Are all substances stored correctly (e.g. away from ignition sources, in accordance with the 'Dangerous Goods & Combustible Liquids Compatibility Chart', etc.)?					UNLEADES WIR	ammon Crower.
Are the site exceeding manifest quantities listed on the site's 'Manifest of Hazardous Chemicals?'		Ø				
Are safety data sheets (SDSs) available where hazardous substances or Dangerous Goods are used/stored?						
SECTION 7: OTHER ITEMS SPECIFIC TO THIS SITE	Υ	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required



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					1 Min	
Site Manager / Supervisor: P. Shousel /A OVERTOR	\sim			Signature:	A. Call	
Site Manager / Supervisor: P. SPOLSER A. OVERTOR Health & Safety Business Partner: F. MALWATTE				Signature:	ppr.	
Health and Safety Representative						
*				Signature:		



Division: CWY SOLIDS Bra	anch: 🔑	RSK.	INE	PAR	K TRANSI	Date of this Inspe	ction: $9/3/202/$					
 Instructions The workplace inspection form shall be tailored to suit the site and activities The workplace inspection shall be a visual inspection of all areas of the site to establish whether any workplace hazards are controlled The workplace inspection team shall access the relevant procedures to ensure that plant, equipment and workplace meet the required standards. The results of the inspection shall be discussed at the health and safety committee (if applicable) with the Site Leadership, Regional Manager, and Health & Safety Representatives Definitions Corrected immediately: was an immediate action taken which was able to correct the issue (i.e. clean up a spill). Corrective action: does further action need to be taken to rectify an issue (i.e. order and replace the leaking hose). Record action in VAULT. Root cause: if a corrective action is required what was the cause of the issue? Has the corrective action addressed the root cause? SECTION 1: EMERGENCY EQUIPMENT & PLANNING 												
CHECK ITEM		Υ	N	NA	Corrected immediately	Additional Corrective Action Required	Root Cause: What caused this issue?					
Site Emergency Management Plant (SEMP) displayed and up-to-dat	te?	\square'										
Clear access (min. 1 meter) to fire-fighting equipment (e.g. fire hose extinguishers, etc.)? Are they clearly marked and serviced within 6 Locations – 1	months?	o/										
Emergency Evacuation Site Maps located in prominent areas on site Locations – 1. Jonesh 2. LUNCY 3	e?											
Exit doors clearly marked, not obstructed, and easily opened from i Exit signs appropriately displayed and illuminated?	inside?											
Emergency spill kits stocked and freely accessible? Are kits secured an anti-tamper tag or tape? (note; do not use a cable tie or wire) Locations – 1. 1. 2. 0. 1. 2. 3. 1. 2. 4						REDLACE WIT @ TS ENTRY DEOR	REZOCATION.					
Emergency equipment (e.g. alarms buttons, eye wash, showers, etc available and not obstructed?	c.) freely											
Are emergency stops functioning as required? Locations – 1												
Minimum build-up of combustible materials (boxes, paper, etc.)?		V										
First aid kits accessible, dearly marked, and well stocked? Locations – 1. 1. 1. 1. 2. 2. 2. 2. 3		\(\)										



SECTION 2: PROCEDURAL COMPLIANCE		10/1				
снеск ітем	Υ	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
All walkways/roadways clear of obstructions and trip hazards? Clearly marked/delineated?	Z					
All non-authorised personnel and vehicles (including plant) is segregated to reduce the likelihood of a collision.						
Site speed limits and traffic controls signposted?	\square					
Correct PPE provided and worn as required?	\vec{\vec{\vec{\vec{\vec{\vec{\vec{					
Additional PPE freely accessible to employees, visitors, and contractors?	M					
Machine guarding correctly fitted and used?	√Z					
Are ladders, lifting equipment, load restraints, hoses and compressed gasses tested and tagged? Records are maintained? Types of equipment 1	A					
Plant or equipment tagged-out and isolated during maintenance or repair?	\square					
Fall restraint or prevention systems used in fall risk works?	Ţ,					
Risk assessments (RAs) and work instructions (WIs) freely accessible to workers? Records signed by worker maintained?	4					
Health & Safety Noticeboard in place and to date with relevant company safety documentation?	4					
HSE Activity Planner has been reviewed and is complete Latest review date/ユリー	\Box					
SECTION 3: ELECTRICAL SAFETY						
CHECK ITEM	Y /	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
All electrical equipment has current inspection/test tags attached?	4					
Electrical cords kept away from water or other conductors?						(2 (4 (2)
Electrical cords and switches are free from damage? Damaged equipment tagged out and discarded?		4			DAMAGED INLET ON SHIPPING CONT.	AECTRICIAN ENGAGERS



Electrical cords/leads are tidy and not draped over walkways, elevated off ground etc?					LELOCATION OF CONTAINED	ELECTRICIAN (SA	encires ns)
Electrical switch boards sign-posted and secured as required?	\square						
Electrical distribution board and RCDs have been inspected and thermal scanned in the past 12 months? Date . [] . [.2] . [.2]							
All isolations and isolation tags are in place where required?	Z						
SECTION 4: PHYSICAL WORK ENVIRONMENT							
СНЕСК ІТЕМ	Υ	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Correctiv	re Action Required
Appropriate ventilation through the work area? Air quality free from hazardous vapours/gases/odour? Filters cleaned: Date/.12_/.2000	Ø						
Lighting systems fully functional and sufficient for the site?							
General housekeeping is of a suitable standard with no waste or litter lying on fence lines / boundaries?					STORM NET	ADDITIONAL LITTER	
Tools and equipment stored safely away? Are items greater than 5kg kept below shoulder height?							
Are there any leaning hazards i.e. any material leaning against walls which has a potential to fall?	Z						
Are racking / shelving SWLs displayed?							
SECTION 5: ENVIRONMENTAL COMPLIANCE							
CHECK ITEM	Y/	N	NA	Corrected immediately?	Root Cause: What caused this is:		l Corrective Action Required
Stormwater Management Plan in place?							
Trade Waste Permits are current and applicable to the site?	\angle						
Are there any signs of the triple interceptor overflowing? Is there a schedule to clean interceptor regularly?			Ms.				
Drains/watercourses are free of waste & debris and permit water flow?					870RW	ANSTON	AL SWEEP
Are there any visible oil spills on the site especially in parking areas?	THE STATE OF THE S	V					



	-	_	_									
Are there provisions for site-based waste recycling?												
Taps / hoses / water use are intact, no leaks, and no water wastage?												
Authorised Waste Carrier approval evident in/on vehicle(s)? Waste code documents in registered vehicle? (view approval in each applicable vehicle)	Ø											
Is there any evidence of offensive odours around the site?												
Is there any evidence of offensive vermin around the site?												
Are bins, containers, vessels ect free of pooled water?												
Is packaged waste stored on unsealed ground?												
SECTION 6: CHEMICAL COMPLIANCE												
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required						
Are bulk chemicals visibly identified and secured?	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\											
Bulk stored chemicals are stored in suitably bunded areas?	\square											
Are gas cylinders securely stored?												
Are bunds in good and clean condition? Is there any evidence of damage to the bind walls?	Z											
Are sumps and bunds clear of build-up of sludge or solid waste?	1											
Are all chemicals labelled?	\Box											
Are all substances stored correctly (e.g. away from ignition sources, in accordance with the 'Dangerous Goods & Combustible Liquids Compatibility Chart', etc.)?	Ę	Ø			DELIVERY OF 3 x DOLTH CARASÉ							
Are the site exceeding manifest quantities listed on the site's 'Manifest of Hazardous Chemicals?'	IJ,											
Are safety data sheets (SDSs) available where hazardous substances or Dangerous Goods are used/stored?	·\(\)											
SECTION 7: OTHER ITEMS SPECIFIC TO THIS SITE	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required						
EXMY RAMP FROM LANDFILL					PLACEMENT OF WHEEL WASH	CONCRETÉ PARTA AND 1914E ROAD SINEEVER						
					EX	IGNIE ROAD SWEETER						



					1		
					1///101		
					/ X////		
Site Manager / Supervisor:	PAUL SPOLAN	2		Signature:			
Health & Safety Business Partner:				Signature:			
Health and Safety Representative	esentative NATHALIE WARD			Signature:	Signature:		
				Signature:			

HSEQ MANAGEMENT SYSTEM

Representatives



Division: Post Collections	Branch: Erskine Park Transfer Station	Date of this Inspection: 14/04/2021
The workplace inspection shall be a The workplace inspection team shall	all be tailored to suit the site and activities a visual inspection of all areas of the site to establish whether any wall access the relevant procedures to ensure that plant, equipment are discussed at the health and safety committee (if applicable) with	and workplace meet the required standards.

Definitions

- Corrected immediately: was an immediate action taken which was able to correct the issue (i.e. clean up a spill).
- Corrective action: does further action need to be taken to rectify an issue (i.e. order and replace the leaking hose). Record action in VAULT.

 Root cause: if a corrective action is required what was the cause of the issue? Has the corrective action addressed the root cause? 										
SECTION 1: EMERGENCY EQUIPMENT & PLANNING										
CHECK ITEM	Y	N	NA	Corrected immediately	Additional Corrective Action Required	Root Cause: What caused this issue?				
Site Emergency Management Plant (SEMP) displayed and up-to-date?										
Clear access (min. 1 meter) to fire-fighting equipment (e.g. fire hoses, extinguishers, etc.)? Are they clearly marked and serviced within 6 months? Locations – 1Office2Shed3Tunnel4					Advise Celsius Fire Systems	No tag test on new hose reels in tunnel				
Emergency Evacuation Site Maps located in prominent areas on site? Locations – 1 Shed 2 Lunchroom 3 Office 4 Foyer	\boxtimes									
Exit doors clearly marked, not obstructed, and easily opened from inside? Exit signs appropriately displayed and illuminated?						Exit fire door @ door 3 blocked by rubbish.				
Emergency spill kits stocked and freely accessible? Are kits secured using an anti-tamper tag or tape? (note: do not use a cable tie or wire) Locations – 1 Fuelling Area2Shed34		\boxtimes			Refill kits and secure with security tag.	2 x spill kits used and secure tags removed.				
Emergency equipment (e.g. alarms buttons, eye wash, showers, etc.) freely available and not obstructed?	\boxtimes									
Are emergency stops functioning as required? Locations – 1Loader2	\boxtimes									
Minimum build-up of combustible materials (boxes, paper, etc.)?	\boxtimes									
First aid kits accessible, clearly marked, and well stocked?										



SECTION 2: PROCEDURAL COMPLIANCE						
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
All walkways/roadways clear of obstructions and trip hazards? Clearly marked/delineated?	\boxtimes					
All non-authorised personnel and vehicles (including plant) is segregated to reduce the likelihood of a collision.						
Site speed limits and traffic controls signposted?	\boxtimes					
Correct PPE provided and worn as required?				\boxtimes	Non compliance with Red Zone PPE – safety glasses	Toolbox talk all operators.
Additional PPE freely accessible to employees, visitors, and contractors?	\boxtimes					
Machine guarding correctly fitted and used?	\boxtimes					
Are ladders, lifting equipment, load restraints, hoses and compressed gasses tested and tagged? Records are maintained? Types of equipment 1. Platform Ladders.2Man cage .3Safety Harness	\boxtimes					
Plant or equipment tagged-out and isolated during maintenance or repair?	\boxtimes					
Fall restraint or prevention systems used in fall risk works?	\boxtimes					
Risk assessments (RAs) and work instructions (WIs) freely accessible to workers? Records signed by worker maintained?	\boxtimes					
Health & Safety Noticeboard in place and to date with relevant company safety documentation?	\boxtimes					
HSE Activity Planner has been reviewed and is complete Latest review date14/04/2021	\boxtimes					
SECTION 3: ELECTRICAL SAFETY	HE.	1.1	FWL 7			
СНЕСК ІТЕМ	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
All electrical equipment has current inspection/test tags attached?						
Electrical cords kept away from water or other conductors?	\boxtimes					



Are there any visible oil spills on the site especially in parking areas?						
Are there provisions for site-based waste recycling?						
Taps / hoses / water use are intact, no leaks, and no water wastage?	\boxtimes					
Authorised Waste Carrier approval evident in/on vehicle(s)? Waste code documents in registered vehicle? (view approval in each applicable vehicle)						
Is there any evidence of offensive odours around the site?		\boxtimes				
Is there any evidence of offensive vermin around the site?						
Are bins, containers, vessels ect free of pooled water?						
Is packaged waste stored on unsealed ground?		\boxtimes				
SECTION 6: CHEMICAL COMPLIANCE						- Viling
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured?	\boxtimes					
Bulk stored chemicals are stored in suitably bunded areas?						
Are gas cylinders securely stored?						
Are bunds in good and clean condition? Is there any evidence of damage to the bind walls?	\boxtimes					
Are sumps and bunds clear of build-up of sludge or solid waste?	\boxtimes					
Are all chemicals labelled?					m.	
Are all substances stored correctly (e.g. away from ignition sources, in accordance with the 'Dangerous Goods & Combustible Liquids Compatibility Chart', etc.)?	\boxtimes					
Are the site exceeding manifest quantities listed on the site's 'Manifest of Hazardous Chemicals?'		\boxtimes				
Are safety data sheets (SDSs) available where hazardous substances or Dangerous Goods are used/stored?	\boxtimes					
SECTION 7: OTHER ITEMS SPECIFIC TO THIS SITE	Υ	N	NA	Corrected immediately?	Root Cause:	Additional Corrective Action



	-										
\boxtimes											
\boxtimes											
					Tag out loader						
SECTION 4: PHYSICAL WORK ENVIRONMENT											
Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required						
\boxtimes											
\boxtimes											
\boxtimes											
Υ	N	NA	Corrected immediately?	Root Cause: What caused this is	Additional Corrective Action sue? Required						
\boxtimes											
	Y	Y N Y N N Y N	Y N NA Y N NA Y N NA		N N Corrected immediately? Root Cause: What caused this issue?						



			-	
(4.)				
Site Manager / Supervisor: Paul Spolder/Adam Overton			Signature: Pa	aul Spolder/Adam Overton
Environment Business Partner: Orhan Cambaz	-		Signature:	
Health and Safety Representative: Antony Pellegrino		_	Signature:	19906
		_	 Signature:	



HSEY MANAGEMENT SYSTEM						Making a sustainable future possible	
Division: SWS Brai	nch: EPTS				Date of this Inspe	ction: 26/05/2021	
Instructions The workplace inspection form shall be tailored to suit to the workplace inspection shall be a visual inspection of a the workplace inspection team shall access the relevant. The results of the inspection shall be discussed at the head Representatives Definitions Corrected immediately: was an immediate action taken. Corrective action: does further action need to be taken to Root cause: if a corrective action is required what was the	all areas of the some procedures to ealth and safety which was able to rectify an issu	site to es ensure th committ to correcte te (i.e. or	nat planee (if apect of the ison of the is	t, equipment and oplicable) with the succession succession in the	workplace meet the requies Site Leadership, Regional a spill). ng hose). Record action in	red standards. Manager, and Health & Safety	
SECTION 1: EMERGENCY EQUIPMENT & PLANNING							
CHECK ITEM	Y	N	NA	Corrected immediately	Additional Corrective Action Required	Root Cause: What caused this issue?	
Site Emergency Management Plant (SEMP) displayed and up-to-date	e? 🔀						
Clear access (min. 1 meter) to fire-fighting equipment (e.g. fire hoses extinguishers, etc.)? Are they clearly marked and serviced within 6 n Locations – 12	months?						



First aid kits accessible, clearly marked, and well stocked? Locations – 1						
SECTION 2: PROCEDURAL COMPLIANCE						
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
Site access is secure and controlled	\boxtimes					
All walkways/roadways clear of obstructions and trip hazards? Clearly marked/delineated?	\boxtimes					
All non-authorised personnel and vehicles (including plant) is segregated to reduce the likelihood of a collision.	\boxtimes					
Site speed limits and traffic controls signposted?	\boxtimes				Speed sign as you enter site being reviewed	
Correct PPE provided and worn as required?	\boxtimes					
Additional PPE freely accessible to employees, visitors, and contractors?	\boxtimes					
Machine guarding correctly fitted and used?	\boxtimes					
Are ladders, lifting equipment, load restraints, hoses and compressed gasses tested and tagged? Records are maintained? Types of equipment 1	\boxtimes					
Plant or equipment tagged-out and isolated during maintenance or repair?	\boxtimes					
Fall restraint or prevention systems used in fall risk works?			\boxtimes			
Risk assessments (RAs) and work instructions (WIs) freely accessible to workers? Records signed by worker maintained?	\boxtimes					
Health & Safety Noticeboard in place and to date with relevant company safety documentation?	\boxtimes					
HSE Activity Planner has been reviewed and is complete Latest review date/	\boxtimes					
SECTION 3: ELECTRICAL SAFETY						
CHECK ITEM	Υ	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
All electrical equipment has current inspection/test tags attached?	\boxtimes					



Electrical cords kept away from water or other conductors?	\boxtimes						
Electrical cords and switches are free from damage? Damaged equipment tagged out and discarded?	\boxtimes						
Electrical cords/leads are tidy and not draped over walkways, elevated off ground etc?	\boxtimes						
Electrical switch boards sign-posted and secured as required?	\boxtimes						
Electrical distribution board and RCDs have been inspected and thermal scanned in the past 12 months? Date/	\boxtimes						
All isolations and isolation tags are in place where required?	\boxtimes						
SECTION 4: PHYSICAL WORK ENVIRONMENT							
СНЕСК ІТЕМ	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additi	onal Corrective Action Required
Appropriate ventilation through the work area? Air quality free from hazardous vapours/gases/odour? Filters cleaned: Date/							
Lighting systems fully functional and sufficient for the site?	\boxtimes						
General housekeeping is of a suitable standard with no waste or litter lying on fence lines / boundaries?	\boxtimes			\boxtimes	Routine cleans scheduled during the day Rubber extended in load out tunnel		
Tools and equipment stored safely away? Are items greater than 5kg kept below shoulder height?	\boxtimes						
Are there any leaning hazards i.e. any material leaning against walls which has a potential to fall?		\boxtimes					
Are racking / shelving SWLs displayed?			\boxtimes				
SECTION 5: ENVIRONMENTAL COMPLIANCE							
CHECK ITEM	Υ	N	NA	Corrected immediately?	Root Cause: Additional Corrective What caused this issue? Required		Additional Corrective Action Required
Stormwater Management Plan in place?	\boxtimes						
Trade Waste Permits are current and applicable to the site?	\boxtimes						



Are there any signs of the triple interceptor overflowing? Is there a schedule to clean interceptor regularly?										
Drains/watercourses are free of waste & debris and permit water flow?	\boxtimes									
Are there any visible oil spills on the site especially in parking areas?		\boxtimes								
Are there provisions for site-based waste recycling?										
Taps / hoses / water use are intact, no leaks, and no water wastage?										
Authorised Waste Carrier approval evident in/on vehicle(s)? Waste code documents in registered vehicle? (view approval in each applicable vehicle)										
Is there any evidence of offensive odours around the site?		\boxtimes								
Is there any evidence of offensive vermin around the site?		\boxtimes								
Are bins, containers, vessels etc free of pooled water?	\boxtimes									
Is packaged waste stored on unsealed ground?										
SECTION 6: CHEMICAL COMPLIANCE										
CHECK ITEM	Υ	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required				
CHECK ITEM Are bulk chemicals visibly identified and secured?	Y	N	NA 🗆							
				immediately?						
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored?	\boxtimes			immediately?						
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas?	\boxtimes			immediately?						
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to				immediately?						
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to the bind walls?				immediately?						
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to the bind walls? Are sumps and bunds clear of build-up of sludge or solid waste?				immediately?						



Are the site exceeding manifest quantities listed on the site's 'Manifest of Hazardous Chemicals?'		\boxtimes							
Are safety data sheets (SDSs) available where hazardous substances or Dangerous Goods are used/stored?	\boxtimes								
SECTION 7: OTHER ITEMS SPECIFIC TO THIS SITE	Υ	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required			
Load out tunnel exit – bristles and brush to be added on exit rubber flap – seeking quotes and suppliers									
Signage on sit e being reviewed and updated									
Boom gate repairs booked									
Load out tunnel door repairs booked									
Site Manager / Supervisor: Paul Spolder				Signature: PS	Signature: PS				
Health & Safety Business Partner: Fay Malwatte				Signature: FN	Signature: FM				
Health and Safety Representative Adam Overton				Signature: AC	Signature: AO				
				Signature:					

First aid kits accessible, clearly marked, and well stocked?

Locations – 1.....Office.....2...Weighbridge....3.......4........4

HSEQ MANAGEMENT SYSTEM



Division: Post Collections Br	anch: Erskin	ne Par	k Transf	er Stat	ion	Date of this Inspe	Date of this Inspection: 18/06/2021		
 Instructions The workplace inspection form shall be tailored to suit The workplace inspection shall be a visual inspection of The workplace inspection team shall access the relevant The results of the inspection shall be discussed at the hard Representatives Definitions Corrected immediately: was an immediate action takend Corrective action: does further action need to be takend Root cause: if a corrective action is required what was accessed as a corrective action is required what was accessed as a corrective action is required what was accessed as a corrective action is required what was accessed as a corrective action is required what was accessed as a corrective action is required what was accessed as a corrective action is required what was accessed as a corrective action is required what was accessed as a corrective action is required what was accessed as a corrective action is required what was accessed as a corrective action is required what was a corrective action is required what was a corrective action is required what was accessed as a corrective action is required what was a corrective action. 	f all areas of nt procedure nealth and sa n which was n to rectify ar	the sies to eafety of able to issue	ite to est ensure the committe to correct e (i.e. ore	at plan ee (if ag et the is der and	it, equipment and oplicable) with the sue (i.e. clean up I replace the leak	workplace meet the requie Site Leadership, Regional a spill). a spill). ing hose). Record action in	ired standards. Manager, and Health & Safety		
SECTION 1: EMERGENCY EQUIPMENT & PLANNING CHECK ITEM		Υ	N	NA	Corrected immediately	Additional Corrective Action Required	Root Cause: What caused this issue?		
Site Emergency Management Plant (SEMP) displayed and up-to-dat	te?								
Clear access (min. 1 meter) to fire-fighting equipment (e.g. fire hose extinguishers, etc.)? Are they clearly marked and serviced within 6 Locations – 1Office2Shed3Tunnel4	months?	\boxtimes							
Emergency Evacuation Site Maps located in prominent areas on site Locations – 1 Shed 2 Lunchroom 3 Office 4 Foyer	e?								
Exit doors clearly marked, not obstructed, and easily opened from i Exit signs appropriately displayed and illuminated?	inside?								
Emergency spill kits stocked and freely accessible? Are kits secured an anti-tamper tag or tape? (note: do not use a cable tie or wire) Locations – 1 Fuelling Area2Shed3 Office4Containers.						Restock Fuel cell and tag/Restock Harvest and tag/ Tag Hazchem kit	Used spill kit		
Emergency equipment (e.g. alarms buttons, eye wash, showers, etc available and not obstructed?	c.) freely								
Are emergency stops functioning as required? Locations = 1Loader x 32Handlers x 2 .3Sort Line .4Baler									
Minimum build-up of combustible materials (boxes, paper, etc.)?		\boxtimes							

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SECTION 2: PROCEDURAL COMPLIANCE										
CHECK ITEM	Υ	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required				
All walkways/roadways clear of obstructions and trip hazards? Clearly marked/delineated?	\boxtimes									
All non-authorised personnel and vehicles (including plant) is segregated to reduce the likelihood of a collision.	\boxtimes									
Site speed limits and traffic controls signposted?										
Correct PPE provided and worn as required?	\boxtimes									
Additional PPE freely accessible to employees, visitors, and contractors?	\boxtimes									
Machine guarding correctly fitted and used?	\boxtimes									
Are ladders, lifting equipment, load restraints, hoses and compressed gasses tested and tagged? Records are maintained? Types of equipment 1. Platform Ladders.2Man cage .3Safety Harness	\boxtimes									
Plant or equipment tagged-out and isolated during maintenance or repair?	\boxtimes									
Fall restraint or prevention systems used in fall risk works?	\boxtimes									
Risk assessments (RAs) and work instructions (WIs) freely accessible to workers? Records signed by worker maintained?	\boxtimes									
Health & Safety Noticeboard in place and to date with relevant company safety documentation?	\boxtimes									
HSE Activity Planner has been reviewed and is complete Latest review date18.06.2021	\boxtimes									
SECTION 3: ELECTRICAL SAFETY										
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required				
All electrical equipment has current inspection/test tags attached?										
Electrical cords kept away from water or other conductors?	\boxtimes									
Electrical cords and switches are free from damage? Damaged equipment tagged out and discarded?	\boxtimes									



Electrical cords/leads are tidy and not draped over walkways, elevated off ground etc?											
Electrical switch boards sign-posted and secured as required?											
Electrical distribution board and RCDs have been inspected and thermal scanned in the past 12 months? Date 24/11/2020	\boxtimes										
All isolations and isolation tags are in place where required?											
SECTION 4: PHYSICAL WORK ENVIRONMENT											
СНЕСК ІТЕМ	Υ	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Addition	nal Corrective Action Required				
Appropriate ventilation through the work area? Air quality free from hazardous vapours/gases/odour? Filters cleaned: Date 18/12/2020											
Lighting systems fully functional and sufficient for the site?											
General housekeeping is of a suitable standard with no waste or litter lying on fence lines / boundaries?	\boxtimes										
Tools and equipment stored safely away? Are items greater than 5kg kept below shoulder height?	\boxtimes										
Are there any leaning hazards i.e. any material leaning against walls which has a potential to fall?											
Are racking / shelving SWLs displayed?			\boxtimes								
SECTION 5: ENVIRONMENTAL COMPLIANCE											
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this iss	ue?	Additional Corrective Action Required				
Stormwater Management Plan in place?	\boxtimes										
Trade Waste Permits are current and applicable to the site?											
Is Stormwater Isolation Valve open?	\boxtimes										
Drains/watercourses are free of waste & debris and permit water flow?		\boxtimes			Front drain filling mud tracking fron yard		Lift grates and remove sediment once bin yard closed.				
Are there any visible oil spills on the site especially in parking areas?		\boxtimes									



Are there provisions for site-based waste recycling?	\boxtimes					
Taps / hoses / water use are intact, no leaks, and no water wastage?						
Authorised Waste Carrier approval evident in/on vehicle(s)? Waste code documents in registered vehicle? (view approval in each applicable vehicle)						
Is there any evidence of offensive odours around the site?		\boxtimes				
Is there any evidence of offensive vermin around the site?		\boxtimes				
Are bins, containers, vessels ect free of pooled water?	\boxtimes					
Is packaged waste stored on unsealed ground?		\boxtimes				
SECTION 6: CHEMICAL COMPLIANCE		Hall				
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured?	\boxtimes					
Bulk stored chemicals are stored in suitably bunded areas?						
Are gas cylinders securely stored?	\boxtimes					
Are bunds in good and clean condition? Is there any evidence of damage to the bind walls?		\boxtimes			Electrical conduits entering into OMS bund not sealed. Possibility of chemical escaping.	JPG advised and requested to seal.
Are sumps and bunds clear of build-up of sludge or solid waste?	\boxtimes					
Are all chemicals labelled?						
Are all substances stored correctly (e.g. away from ignition sources, in accordance with the 'Dangerous Goods & Combustible Liquids Compatibility Chart', etc.)?	\boxtimes					
Are the site exceeding manifest quantities listed on the site's 'Manifest of Hazardous Chemicals?'						
Are safety data sheets (SDSs) available where hazardous substances or Dangerous Goods are used/stored?	\boxtimes					
SECTION 7: OTHER ITEMS SPECIFIC TO THIS SITE	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
			П			



			/			
			1/1/1/1			
Site Manager / Supervisor: Paul Spolder/Adam Overton		Signature:				
Environment Business Partner: Orhan Cambaz		Signature:				
Health and Safety Representative: Fay	_	Signature:	Signature:			
		Signature:				

HSEO MANAGEMENT SYSTEM



Division: Post Collections Branch: Erskine Park Transfer Station/Landfill Date of this Inspection: 21/072021

Instructions

- The workplace inspection form shall be tailored to suit the site and activities
- The workplace inspection shall be a visual inspection of all areas of the site to establish whether any workplace hazards are controlled
- The workplace inspection team shall access the relevant procedures to ensure that plant, equipment and workplace meet the required standards.
- The results of the inspection shall be discussed at the health and safety committee (if applicable) with the Site Leadership, Regional Manager, and Health & Safety Representatives

Definitions

- Corrected immediately: was an immediate action taken which was able to correct the issue (i.e. clean up a spill).
- Corrective action: does further action need to be taken to rectify an issue (i.e. order and replace the leaking hose). Record action in VAULT.
- Root cause: if a corrective action is required what was the cause of the issue? Has the corrective action addressed the root cause?

SECTION 1: **EMERGENCY EQUIPMENT & PLANNING Additional Corrective Root Cause:** Corrected **CHECK ITEM** Υ NA N immediately **Action Required** What caused this issue? \boxtimes Site Emergency Management Plant (SEMP) displayed and up-to-date? Clear access (min. 1 meter) to fire-fighting equipment (e.g. fire hoses, \boxtimes extinguishers, etc.)? Are they clearly marked and serviced within 6 months? Locations – 1.....**Office**...2.....**Shed...**...3.....**Tunnel**.......4..... Emergency Evacuation Site Maps located in prominent areas on site? \boxtimes Locations – 1 Shed 2 Lunchroom 3 Office 4 Fover Exit doors clearly marked, not obstructed, and easily opened from inside? XП Exit signs appropriately displayed and illuminated? Emergency spill kits stocked and freely accessible? Are kits secured using Restock spill kit at exit \boxtimes an anti-tamper tag or tape? (note: do not use a cable tie or wire) | | Used spill kit load out tunnel Locations – 1 Fuelling Area...2...Shed...3 Office...4...Containers. Emergency equipment (e.g. alarms buttons, eye wash, showers, etc.) freely \boxtimes \Box available and not obstructed? Are emergency stops functioning as required? \boxtimes Locations – 1...Loader x 3...2.....Handlers x 2 .3...Sort Line .4...Baler \boxtimes Minimum build-up of combustible materials (boxes, paper, etc.)? First aid kits accessible, clearly marked, and well stocked? Locations – 1.....Office.....2...Weighbridge....3.................4.............



SECTION 2: PROCEDURAL COMPLIANCE										
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required				
All walkways/roadways clear of obstructions and trip hazards? Clearly marked/delineated?	\boxtimes									
All non-authorised personnel and vehicles (including plant) is segregated to reduce the likelihood of a collision.	\boxtimes									
Site speed limits and traffic controls signposted?	\boxtimes									
Correct PPE provided and worn as required?	\boxtimes									
Additional PPE freely accessible to employees, visitors, and contractors?	\boxtimes									
Machine guarding correctly fitted and used?	\boxtimes									
Are ladders, lifting equipment, load restraints, hoses and compressed gasses tested and tagged? Records are maintained? Types of equipment 1. Platform Ladders.2Man cage .3Safety Harness	\boxtimes									
Plant or equipment tagged-out and isolated during maintenance or repair?	\boxtimes									
Fall restraint or prevention systems used in fall risk works?	\boxtimes									
Risk assessments (RAs) and work instructions (WIs) freely accessible to workers? Records signed by worker maintained?	\boxtimes									
Health & Safety Noticeboard in place and to date with relevant company safety documentation?	\boxtimes									
HSE Activity Planner has been reviewed and is complete Latest review date21.07.2021	\boxtimes									
SECTION 3: ELECTRICAL SAFETY										
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required				
All electrical equipment has current inspection/test tags attached?	\boxtimes									
Electrical cords kept away from water or other conductors?	\boxtimes									
Electrical cords and switches are free from damage? Damaged equipment tagged out and discarded?	\boxtimes									



Electrical cords/leads are tidy and not draped over walkways, elevated off ground etc?	\boxtimes										
Electrical switch boards sign-posted and secured as required?	\boxtimes										
Electrical distribution board and RCDs have been inspected and thermal scanned in the past 12 months? Date 24/11/2020	\boxtimes										
All isolations and isolation tags are in place where required?	\boxtimes										
SECTION 4: PHYSICAL WORK ENVIRONMENT											
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required					
Appropriate ventilation through the work area? Air quality free from hazardous vapours/gases/odour? Filters cleaned: Date 18/12/2020	\boxtimes										
Lighting systems fully functional and sufficient for the site?	\boxtimes										
General housekeeping is of a suitable standard with no waste or litter lying on fence lines / boundaries?	\boxtimes										
Tools and equipment stored safely away? Are items greater than 5kg kept below shoulder height?	\boxtimes										
Are there any leaning hazards i.e. any material leaning against walls which has a potential to fall?	\boxtimes										
Are racking / shelving SWLs displayed?			\boxtimes								
SECTION 5: ENVIRONMENTAL COMPLIANCE											
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required					
Stormwater Management Plan in place?	\boxtimes										
Trade Waste Permits are current and applicable to the site?	\boxtimes										
Is Stormwater Isolation Valve open?	\boxtimes										
Drains/watercourses are free of waste & debris and permit water flow?		\boxtimes			Front drain filling with mud tracking from bin yard	Relocate large pipes from landfill and place at along inside fence line preventing bins being placed in soft mud to reduce material being tracked out. Clean cattlegrid.					



Are there any visible oil spills on the site especially in parking areas?		\boxtimes								
Are there provisions for site-based waste recycling?	\boxtimes									
Taps / hoses / water use are intact, no leaks, and no water wastage?	\boxtimes									
Authorised Waste Carrier approval evident in/on vehicle(s)? Waste code documents in registered vehicle? (view approval in each applicable vehicle)	\boxtimes									
Is there any evidence of offensive odours around the site?		\boxtimes								
Is there any evidence of offensive vermin around the site?		\boxtimes								
Are bins, containers, vessels ect free of pooled water?	\boxtimes									
Is packaged waste stored on unsealed ground?			\boxtimes							
Inspect Bins and Waste Storage Areas	\boxtimes									
SECTION 6: CHEMICAL COMPLIANCE										
				Corrected	Root Cause:					
CHECK ITEM	Y	N	NA	immediately?	What caused this issue?	Additional Corrective Action Required				
Are bulk chemicals visibly identified and secured?	Υ 	N	NA 🗆	immediately?		Additional Corrective Action Required				
				,		Additional Corrective Action Required				
Are bulk chemicals visibly identified and secured?						Additional Corrective Action Required				
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas?	X					Additional Corrective Action Required				
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to						Additional Corrective Action Required				
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to the bind walls?						Additional Corrective Action Required				
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to the bind walls? Are sumps and bunds clear of build-up of sludge or solid waste?						Additional Corrective Action Required				
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to the bind walls? Are sumps and bunds clear of build-up of sludge or solid waste? Are all chemicals labelled? Are all substances stored correctly (e.g. away from ignition sources, in accordance with the 'Dangerous Goods & Combustible Liquids Compatibility						Additional Corrective Action Required				



SECTION 7: OTHER ITEMS SPECIFIC TO THIS SITE	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required		
						,		
Site Manager / Supervisor: Paul Spolder/Chris Watkins/Adam Overton				Signature: Par	Signature: Paul Spolder / Chris Watkins / Adam Overton			
Environment Business Partner: Orhan Cambaz				Signature: No	Signature: Not present			
Health and Safety Representative: Fay Malwatte					Signature: Not present			
				Signature:				

HSEO MANAGEMENT SYSTEM



Division: Post Collections Branch: Erskine Park Transfer Station/Landfill Date of this Inspection: 11/08/2021

Instructions

- The workplace inspection form shall be tailored to suit the site and activities
- The workplace inspection shall be a visual inspection of all areas of the site to establish whether any workplace hazards are controlled
- The workplace inspection team shall access the relevant procedures to ensure that plant, equipment and workplace meet the required standards.
- The results of the inspection shall be discussed at the health and safety committee (if applicable) with the Site Leadership, Regional Manager, and Health & Safety Representatives

Definitions

- Corrected immediately: was an immediate action taken which was able to correct the issue (i.e. clean up a spill).
- Corrective action: does further action need to be taken to rectify an issue (i.e. order and replace the leaking hose). Record action in VAULT.
- Root cause: if a corrective action is required what was the cause of the issue? Has the corrective action addressed the root cause?

SECTION 1: **EMERGENCY EQUIPMENT & PLANNING Additional Corrective Root Cause:** Corrected **CHECK ITEM** Υ NA N immediately **Action Required** What caused this issue? \boxtimes Site Emergency Management Plant (SEMP) displayed and up-to-date? Clear access (min. 1 meter) to fire-fighting equipment (e.g. fire hoses, \boxtimes extinguishers, etc.)? Are they clearly marked and serviced within 6 months? Locations – 1.....**Office**...2.....**Shed...**...3.....**Tunnel**.......4..... Emergency Evacuation Site Maps located in prominent areas on site? \boxtimes Locations – 1 Shed 2 Lunchroom 3 Office 4 Fover Exit doors clearly marked, not obstructed, and easily opened from inside? XП Exit signs appropriately displayed and illuminated? Emergency spill kits stocked and freely accessible? Are kits secured using \boxtimes an anti-tamper tag or tape? (note: do not use a cable tie or wire) Locations – 1 Fuelling Area...2...Shed...3 Office...4...Containers. Emergency equipment (e.g. alarms buttons, eye wash, showers, etc.) freely \boxtimes \Box available and not obstructed? Are emergency stops functioning as required? \boxtimes Locations – 1...Loader x 3...2.....Handlers x 2 .3...Sort Line .4...Baler \boxtimes Minimum build-up of combustible materials (boxes, paper, etc.)? First aid kits accessible, clearly marked, and well stocked? Locations – 1.....Office.....2...Weighbridge....3.................4.............



SECTION 2: PROCEDURAL COMPLIANCE										
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required				
All walkways/roadways clear of obstructions and trip hazards? Clearly marked/delineated?	\boxtimes									
All non-authorised personnel and vehicles (including plant) is segregated to reduce the likelihood of a collision.	\boxtimes									
Site speed limits and traffic controls signposted?	\boxtimes									
Correct PPE provided and worn as required?	\boxtimes									
Additional PPE freely accessible to employees, visitors, and contractors?	\boxtimes									
Machine guarding correctly fitted and used?	\boxtimes									
Are ladders, lifting equipment, load restraints, hoses and compressed gasses tested and tagged? Records are maintained? Types of equipment 1. Platform Ladders.2Man cage .3Safety Harness	\boxtimes									
Plant or equipment tagged-out and isolated during maintenance or repair?	\boxtimes									
Fall restraint or prevention systems used in fall risk works?	\boxtimes									
Risk assessments (RAs) and work instructions (WIs) freely accessible to workers? Records signed by worker maintained?	\boxtimes									
Health & Safety Noticeboard in place and to date with relevant company safety documentation?	\boxtimes									
HSE Activity Planner has been reviewed and is complete Latest review date21.07.2021	\boxtimes									
SECTION 3: ELECTRICAL SAFETY										
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required				
All electrical equipment has current inspection/test tags attached?	\boxtimes									
Electrical cords kept away from water or other conductors?	\boxtimes									
Electrical cords and switches are free from damage? Damaged equipment tagged out and discarded?	\boxtimes									



Electrical cords/leads are tidy and not draped over walkways, elevated off ground etc?	\boxtimes										
Electrical switch boards sign-posted and secured as required?	\boxtimes										
Electrical distribution board and RCDs have been inspected and thermal scanned in the past 12 months? Date 24/11/2020	\boxtimes										
All isolations and isolation tags are in place where required?	\boxtimes										
Section 4: Physical Work Environment											
CHECK ITEM	Υ	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required					
Appropriate ventilation through the work area? Air quality free from hazardous vapours/gases/odour? Filters cleaned: Date 18/12/2020	\boxtimes										
Lighting systems fully functional and sufficient for the site?	\boxtimes										
General housekeeping is of a suitable standard with no waste or litter lying on fence lines / boundaries?	\boxtimes										
Tools and equipment stored safely away? Are items greater than 5kg kept below shoulder height?	\boxtimes										
Are there any leaning hazards i.e. any material leaning against walls which has a potential to fall?	\boxtimes										
Are racking / shelving SWLs displayed?			\boxtimes								
SECTION 5: ENVIRONMENTAL COMPLIANCE											
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required					
Stormwater Management Plan in place?	\boxtimes										
Trade Waste Permits are current and applicable to the site?	\boxtimes										
Is Stormwater Isolation Valve open?	\boxtimes										
Drains/watercourses are free of waste & debris and permit water flow?	\boxtimes				Front drain filling with mud tracking from bin yard	Large pipes from landfill have been placed at along inside fence line preventing bins being placed in soft mud to reduce material being					



						tracked out. Clean cattlegrid was cleaned in July.
Are there any visible oil spills on the site especially in parking areas?		\boxtimes				
Are there provisions for site-based waste recycling?	\boxtimes					
Taps / hoses / water use are intact, no leaks, and no water wastage?	\boxtimes					
Authorised Waste Carrier approval evident in/on vehicle(s)? Waste code documents in registered vehicle? (view approval in each applicable vehicle)	\boxtimes					
Is there any evidence of offensive odours around the site?		\boxtimes				
Is there any evidence of offensive vermin around the site?		\boxtimes				
Are bins, containers, vessels ect free of pooled water?	\boxtimes					
Is packaged waste stored on unsealed ground?			\boxtimes			
Inspect Bins and Waste Storage Areas	\boxtimes					
SECTION 6: CHEMICAL COMPLIANCE						
СНЕСК ІТЕМ	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
CHECK ITEM Are bulk chemicals visibly identified and secured?	Y	N	NA 🗆		What caused this	Additional Corrective Action Required
				immediately?	What caused this	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured?				immediately?	What caused this	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas?				immediately?	What caused this	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to				immediately?	What caused this	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to the bind walls?				immediately?	What caused this	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to the bind walls? Are sumps and bunds clear of build-up of sludge or solid waste?				immediately?	What caused this	Additional Corrective Action Required



Are safety data sheets (SDSs) available where hazardous substances or Dangerous Goods are used/stored?	\boxtimes					
SECTION 7: OTHER ITEMS SPECIFIC TO THIS SITE	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
Site Manager / Supervisor: Paul Spolder/Chris Watkins/Adam Overton				Signature: Pa	ul Spolder / Adam Overton	
Environment Business Partner: Orhan Cambaz				Signature: No	ot present	
Health and Safety Representative: Fay Malwatte				Signature: No	ot present	
				Signature:		

HSEO MANAGEMENT SYSTEM



Division: Post Collections	Branch: Erskine Park Transfer Station/Landfill	Date of this Inspection: 16/09/2021

Instructions

- The workplace inspection form shall be tailored to suit the site and activities
- The workplace inspection shall be a visual inspection of all areas of the site to establish whether any workplace hazards are controlled
- The workplace inspection team shall access the relevant procedures to ensure that plant, equipment and workplace meet the required standards.
- The results of the inspection shall be discussed at the health and safety committee (if applicable) with the Site Leadership, Regional Manager, and Health & Safety Representatives

Definitions

- Corrected immediately: was an immediate action taken which was able to correct the issue (i.e. clean up a spill).
- Corrective action: does further action need to be taken to rectify an issue (i.e. order and replace the leaking hose). Record action in VAULT.
- Root cause: if a corrective action is required what was the cause of the issue? Has the corrective action addressed the root cause?

SECTION 1: **EMERGENCY EQUIPMENT & PLANNING Additional Corrective Root Cause:** Corrected **CHECK ITEM** Υ NA N immediately **Action Required** What caused this issue? \boxtimes Site Emergency Management Plant (SEMP) displayed and up-to-date? Clear access (min. 1 meter) to fire-fighting equipment (e.g. fire hoses, \boxtimes extinguishers, etc.)? Are they clearly marked and serviced within 6 months? Locations – 1.....**Office**...2.....**Shed...**...3.....**Tunnel**.......4..... Emergency Evacuation Site Maps located in prominent areas on site? \boxtimes Locations – 1 Shed 2 Lunchroom 3 Office 4 Fover Exit doors clearly marked, not obstructed, and easily opened from inside? XП Exit signs appropriately displayed and illuminated? Emergency spill kits stocked and freely accessible? Are kits secured using \boxtimes an anti-tamper tag or tape? (note: do not use a cable tie or wire) П | | Locations – 1 Fuelling Area...2...Shed...3 Office...4...Containers. Emergency equipment (e.g. alarms buttons, eye wash, showers, etc.) freely \boxtimes \Box available and not obstructed? Are emergency stops functioning as required? \boxtimes Locations – 1...Loader x 3...2.....Handlers x 2 .3...Sort Line .4...Baler \boxtimes Minimum build-up of combustible materials (boxes, paper, etc.)? First aid kits accessible, clearly marked, and well stocked? Locations – 1.....Office.....2...Weighbridge....3.................4.............



SECTION 2: PROCEDURAL COMPLIANCE						
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
All walkways/roadways clear of obstructions and trip hazards? Clearly marked/delineated?	\boxtimes					
All non-authorised personnel and vehicles (including plant) is segregated to reduce the likelihood of a collision.	\boxtimes					
Site speed limits and traffic controls signposted?	\boxtimes					
Correct PPE provided and worn as required?	\boxtimes					
Additional PPE freely accessible to employees, visitors, and contractors?	\boxtimes					
Machine guarding correctly fitted and used?	\boxtimes					
Are ladders, lifting equipment, load restraints, hoses and compressed gasses tested and tagged? Records are maintained? Types of equipment 1. Platform Ladders.2Man cage .3Safety Harness	\boxtimes					
Plant or equipment tagged-out and isolated during maintenance or repair?	\boxtimes					
Fall restraint or prevention systems used in fall risk works?	\boxtimes					
Risk assessments (RAs) and work instructions (WIs) freely accessible to workers? Records signed by worker maintained?	\boxtimes					
Health & Safety Noticeboard in place and to date with relevant company safety documentation?	\boxtimes					
HSE Activity Planner has been reviewed and is complete Latest review date16.09.2021	\boxtimes					
SECTION 3: ELECTRICAL SAFETY						
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
All electrical equipment has current inspection/test tags attached?	\boxtimes					
Electrical cords kept away from water or other conductors?	\boxtimes					
Electrical cords and switches are free from damage? Damaged equipment tagged out and discarded?	\boxtimes					



Electrical cords/leads are tidy and not draped over walkways, elevated off ground etc?	\boxtimes										
Electrical switch boards sign-posted and secured as required?	\boxtimes										
Electrical distribution board and RCDs have been inspected and thermal scanned in the past 12 months? Date 24/11/2020	\boxtimes										
All isolations and isolation tags are in place where required?	\boxtimes										
Section 4: Physical Work Environment											
СНЕСК ІТЕМ	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required					
Appropriate ventilation through the work area? Air quality free from hazardous vapours/gases/odour? Filters cleaned: Date 18/12/2020	\boxtimes										
Lighting systems fully functional and sufficient for the site?	\boxtimes										
General housekeeping is of a suitable standard with no waste or litter lying on fence lines / boundaries?	\boxtimes										
Tools and equipment stored safely away? Are items greater than 5kg kept below shoulder height?	\boxtimes										
Are there any leaning hazards i.e. any material leaning against walls which has a potential to fall?	\boxtimes										
Are racking / shelving SWLs displayed?			\boxtimes								
SECTION 5: ENVIRONMENTAL COMPLIANCE											
СНЕСК ІТЕМ	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required					
Stormwater Management Plan in place?	\boxtimes										
Trade Waste Permits are current and applicable to the site?	\boxtimes										
Is Stormwater Isolation Valve open?	\boxtimes										
Drains/watercourses are free of waste & debris and permit water flow?	\boxtimes	\boxtimes			Front drain filling with mud tracking from bin yard	Large pipes from landfill have been placed at along inside fence line preventing bins being placed in soft mud to reduce material being					



						tracked out. Clean cattlegrid was cleaned in July.
Are there any visible oil spills on the site especially in parking areas?		\boxtimes				
Are there provisions for site-based waste recycling?	\boxtimes					
Taps / hoses / water use are intact, no leaks, and no water wastage?	\boxtimes					
Authorised Waste Carrier approval evident in/on vehicle(s)? Waste code documents in registered vehicle? (view approval in each applicable vehicle)	\boxtimes					
Is there any evidence of offensive odours around the site?	\boxtimes			\boxtimes	Smelly changeover bin	Maroota change over bin relocated
Is there any evidence of offensive vermin around the site?		\boxtimes				
Are bins, containers, vessels ect free of pooled water?	\boxtimes					
Is packaged waste stored on unsealed ground?			\boxtimes			
Inspect Bins and Waste Storage Areas	\boxtimes					
SECTION 6: CHEMICAL COMPLIANCE			•	,		
СНЕСК ІТЕМ	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
CHECK ITEM Are bulk chemicals visibly identified and secured?	Y	N	NA 🗆		What caused this	Additional Corrective Action Required
				immediately?	What caused this	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured?				immediately?	What caused this	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas?				immediately?	What caused this	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to				immediately?	What caused this	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to the bind walls?				immediately?	What caused this	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured? Bulk stored chemicals are stored in suitably bunded areas? Are gas cylinders securely stored? Are bunds in good and clean condition? Is there any evidence of damage to the bind walls? Are sumps and bunds clear of build-up of sludge or solid waste?				immediately?	What caused this	Additional Corrective Action Required



Are safety data sheets (SDSs) available where hazardous substances or Dangerous Goods are used/stored?	\boxtimes					
SECTION 7: OTHER ITEMS SPECIFIC TO THIS SITE	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
Sump alarm on tunnel leachate pump unable to reset.		\boxtimes		\boxtimes	Sump Alarm	JPG engaged to inspect and resolve.
Site Manager / Supervisor: Paul Spolder/Adam Overton				Signature: Pa	ul Spolder / Adam Overton	
Environment Business Partner: Orhan Cambaz				Signature: No	ot present	
Health and Safety Representative: Fay Malwatte				Signature: No	ot present	
				Signature:		

HSEO MANAGEMENT SYSTEM



Division: Post Collections Branch: Erskine Park Transfer Station/Landfill Date of this Inspection: 15/10/2021

Instructions

- The workplace inspection form shall be tailored to suit the site and activities
- The workplace inspection shall be a visual inspection of all areas of the site to establish whether any workplace hazards are controlled
- The workplace inspection team shall access the relevant procedures to ensure that plant, equipment and workplace meet the required standards.
- The results of the inspection shall be discussed at the health and safety committee (if applicable) with the Site Leadership, Regional Manager, and Health & Safety Representatives

Definitions

- Corrected immediately: was an immediate action taken which was able to correct the issue (i.e. clean up a spill).
- Corrective action: does further action need to be taken to rectify an issue (i.e. order and replace the leaking hose). Record action in VAULT.
- Root cause: if a corrective action is required what was the cause of the issue? Has the corrective action addressed the root cause?

SECTION 1: **EMERGENCY EQUIPMENT & PLANNING Additional Corrective Root Cause:** Corrected **CHECK ITEM** Υ NA N immediately **Action Required** What caused this issue? \boxtimes Site Emergency Management Plant (SEMP) displayed and up-to-date? Clear access (min. 1 meter) to fire-fighting equipment (e.g. fire hoses, \boxtimes extinguishers, etc.)? Are they clearly marked and serviced within 6 months? Locations – 1.....**Office**...2.....**Shed...**...3.....**Tunnel**.......4..... Emergency Evacuation Site Maps located in prominent areas on site? \boxtimes Locations – 1 Shed 2 Lunchroom 3 Office 4 Fover Exit doors clearly marked, not obstructed, and easily opened from inside? \boxtimes П Exit signs appropriately displayed and illuminated? Emergency spill kits stocked and freely accessible? Are kits secured using Refill 3 x spill kits (Load an anti-tamper tag or tape? (note: do not use a cable tie or wire) \boxtimes out tunnel, door 1 and Used spill kits containers) Locations – 1 Fuelling Area...2...Shed...3 Office...4...Containers. Emergency equipment (e.g. alarms buttons, eye wash, showers, etc.) freely \boxtimes \Box available and not obstructed? Are emergency stops functioning as required? \boxtimes Locations – 1...Loader x 3...2.....Handlers x 2 .3...Sort Line .4...Baler \boxtimes Minimum build-up of combustible materials (boxes, paper, etc.)? First aid kits accessible, clearly marked, and well stocked? Locations – 1.....Office.....2...Weighbridge....3.................4.............



Section 2: Procedural Compliance										
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required				
All walkways/roadways clear of obstructions and trip hazards? Clearly marked/delineated?	\boxtimes									
All non-authorised personnel and vehicles (including plant) is segregated to reduce the likelihood of a collision.	\boxtimes									
Site speed limits and traffic controls signposted?	\boxtimes									
Correct PPE provided and worn as required?	\boxtimes									
Additional PPE freely accessible to employees, visitors, and contractors?	\boxtimes									
Machine guarding correctly fitted and used?	\boxtimes									
Are ladders, lifting equipment, load restraints, hoses and compressed gasses tested and tagged? Records are maintained? Types of equipment 1. Platform Ladders.2Man cage .3Safety Harness	\boxtimes									
Plant or equipment tagged-out and isolated during maintenance or repair?	\boxtimes									
Fall restraint or prevention systems used in fall risk works?	\boxtimes									
Risk assessments (RAs) and work instructions (WIs) freely accessible to workers? Records signed by worker maintained?	\boxtimes									
Health & Safety Noticeboard in place and to date with relevant company safety documentation?	\boxtimes									
HSE Activity Planner has been reviewed and is complete Latest review date15.10.2021	\boxtimes									
SECTION 3: ELECTRICAL SAFETY										
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required				
All electrical equipment has current inspection/test tags attached?	\boxtimes									
Electrical cords kept away from water or other conductors?	\boxtimes									
Electrical cords and switches are free from damage? Damaged equipment tagged out and discarded?	\boxtimes									



Electrical cords/leads are tidy and not draped over walkways, elevated off ground etc?	\boxtimes									
Electrical switch boards sign-posted and secured as required?	\boxtimes									
Electrical distribution board and RCDs have been inspected and thermal scanned in the past 12 months? Date 24/11/2020	\boxtimes									
All isolations and isolation tags are in place where required?	\boxtimes									
Section 4: Physical Work Environment										
СНЕСК ІТЕМ	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required				
Appropriate ventilation through the work area? Air quality free from hazardous vapours/gases/odour? Filters cleaned: Date 18/12/2020	\boxtimes									
Lighting systems fully functional and sufficient for the site?	\boxtimes									
General housekeeping is of a suitable standard with no waste or litter lying on fence lines / boundaries?	\boxtimes									
Tools and equipment stored safely away? Are items greater than 5kg kept below shoulder height?	\boxtimes									
Are there any leaning hazards i.e. any material leaning against walls which has a potential to fall?	\boxtimes									
Are racking / shelving SWLs displayed?			\boxtimes							
SECTION 5: ENVIRONMENTAL COMPLIANCE										
СНЕСК ІТЕМ	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required				
Stormwater Management Plan in place?	\boxtimes									
Trade Waste Permits are current and applicable to the site?	\boxtimes									
Is Stormwater Isolation Valve open?	\boxtimes									
Drains/watercourses are free of waste & debris and permit water flow?		\boxtimes			 Front drain filling with mud tracking from bin yard 	 Large pipes from landfill have been placed at along inside fence line preventing bins being placed in soft mud to reduce material being 				



					Sediment running into drain.	tracked out. Clean cattlegrid was cleaned in July. Drain warden on exit lane collapsed from sediment. MSA to be engaged to repair. Drain warden at landfill exit ramp filled by sandbags. Site engineer to have rectified. Sediment from landfill batter entering transfer station hardstand. Site engineer to rectify.
Are there any visible oil spills on the site especially in parking areas?		\boxtimes				
Are there provisions for site-based waste recycling?	\boxtimes					
Taps / hoses / water use are intact, no leaks, and no water wastage?	\boxtimes					
Authorised Waste Carrier approval evident in/on vehicle(s)? Waste code documents in registered vehicle? (view approval in each applicable vehicle)	\boxtimes					
Is there any evidence of offensive odours around the site?		\boxtimes				
Is there any evidence of offensive vermin around the site?		\boxtimes				
Are bins, containers, vessels ect free of pooled water?	\boxtimes					
Is packaged waste stored on unsealed ground?			\boxtimes			
Inspect Bins and Waste Storage Areas	\boxtimes					
SECTION 6: CHEMICAL COMPLIANCE						
CHECK ITEM	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
Are bulk chemicals visibly identified and secured?	\boxtimes					
Bulk stored chemicals are stored in suitably bunded areas?	\boxtimes					
Are gas cylinders securely stored?	\boxtimes					
Are bunds in good and clean condition? Is there any evidence of damage to the bind walls?	\boxtimes					



Are sumps and bunds clear of build-up of sludge or solid waste?	\boxtimes					
Are all chemicals labelled?	\boxtimes					
Are all substances stored correctly (e.g. away from ignition sources, in accordance with the 'Dangerous Goods & Combustible Liquids Compatibility Chart', etc.)?	\boxtimes					
Are the site exceeding manifest quantities listed on the site's 'Manifest of Hazardous Chemicals?'	\boxtimes					
Are safety data sheets (SDSs) available where hazardous substances or Dangerous Goods are used/stored?	\boxtimes					
SECTION 7: OTHER ITEMS SPECIFIC TO THIS SITE	Y	N	NA	Corrected immediately?	Root Cause: What caused this issue?	Additional Corrective Action Required
Site Manager / Supervisor: Paul Spolder/Adam Overton				Signature: Pa	ul Spolder / Adam Overton	
Environment Business Partner: Orhan Cambaz				Signature: No	ot present	
Health and Safety Representative: Anthony Pellegrino				Signature: No	ot present	



Appendix D Baseline Groundwater Monitoring Data

Table D1 – Baseline Groundwater Monitoring Data

Parameters	BH17D	BH17E	LOR (mg/L)
Total Dissolved Solids (TDS)	5.43	2.76	10
TOC	21.54	5.03	1
Ammonia	6.81	1.16	0.01
Calcium	22.71	35.8	1
Magnesium	42.4	48.71	1
Sodium	971	289.69	1
Potassium	63.71	10.97	1
Chloride	1413.31	19.6	1
Sulphate	65.60	38.76	1
Alkalinity	690.8	875.34	1
Hydroxide	-	-	1
Carbonate	-	-	1
Bicarbonate	-	-	1