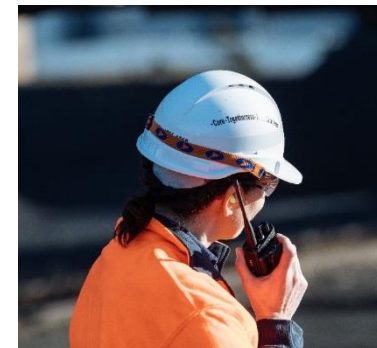
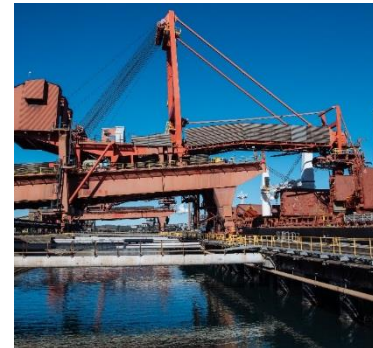




PKCT Community Consultative Committee Meeting

Meeting No. 52
Apr 17th 2023

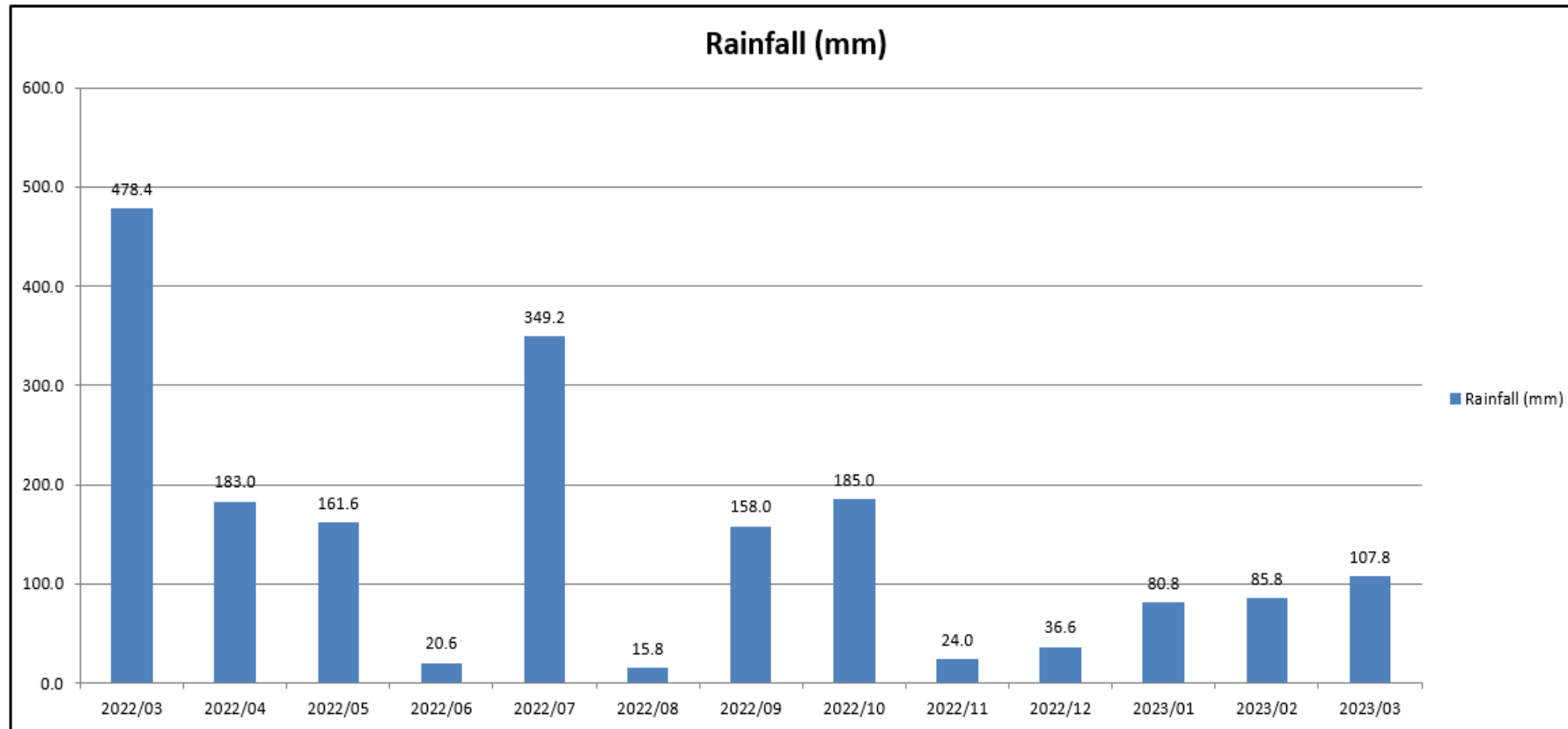


Attendance

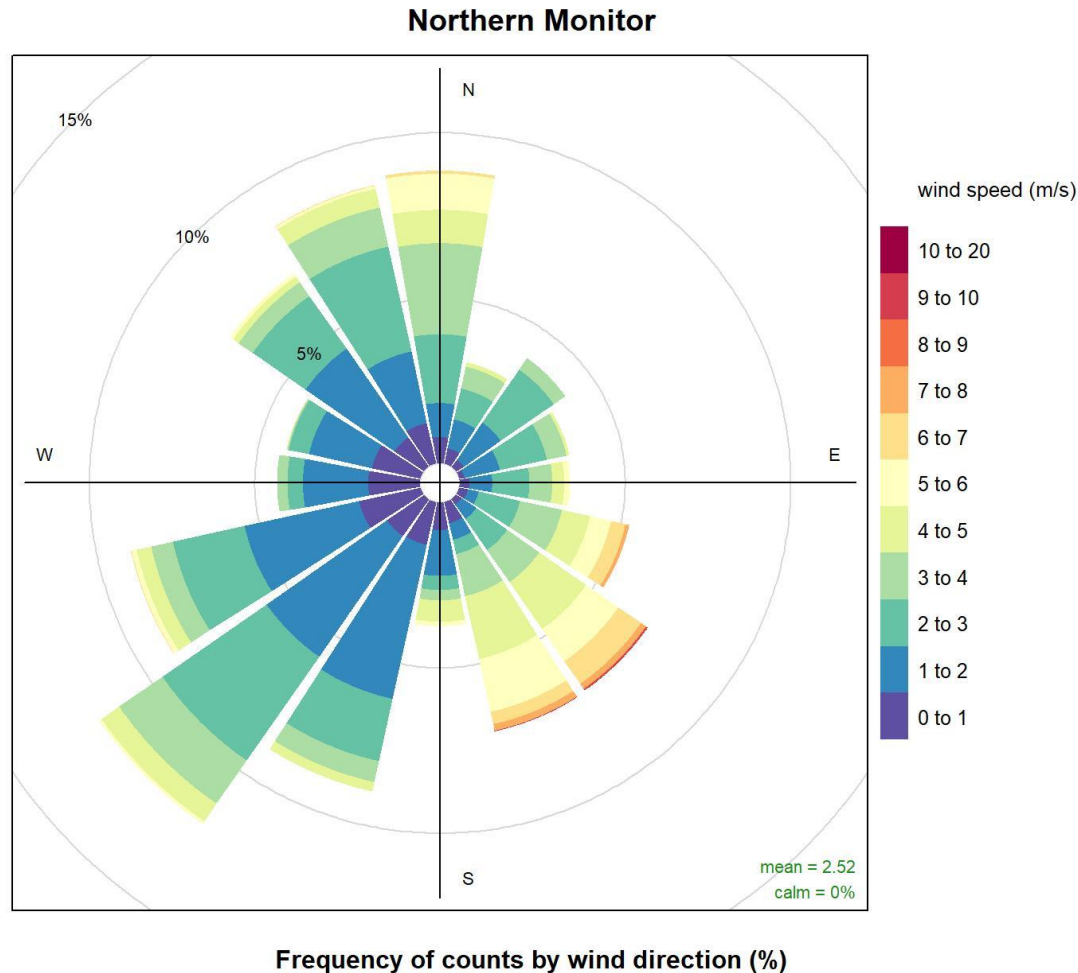
- Attendance: Craig Morris, Luke Pascot,
- Apologies: Anthony Mallon, Barry Peden, Brendan Leo, Mike Curley

Items

1. Weather – Rainfall, Wind
2. Air Quality – Residential
3. Water Quality- Harbour Discharges
4. Regulatory Update
5. Environmental Improvements/Initiatives
6. AIE Update
7. Seawall Road Update
8. General business
9. Actions



- Last significant rainfall July 2022, 349.2mm across month. General “*el-nino*” weather patterns are predicted to develop during 2023 (drier than normal for eastern Australia).

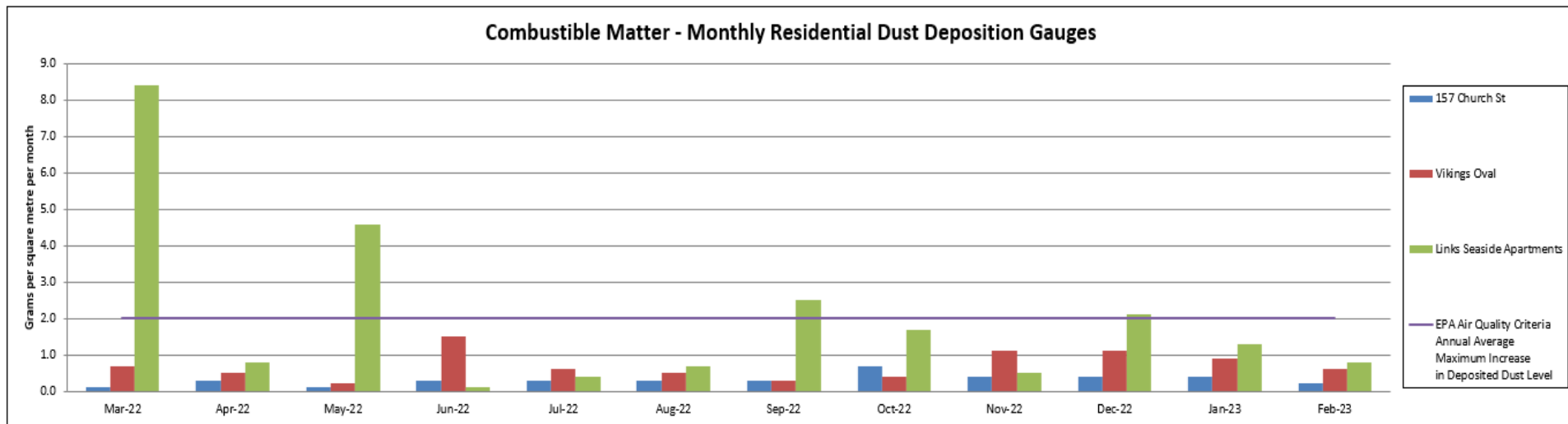
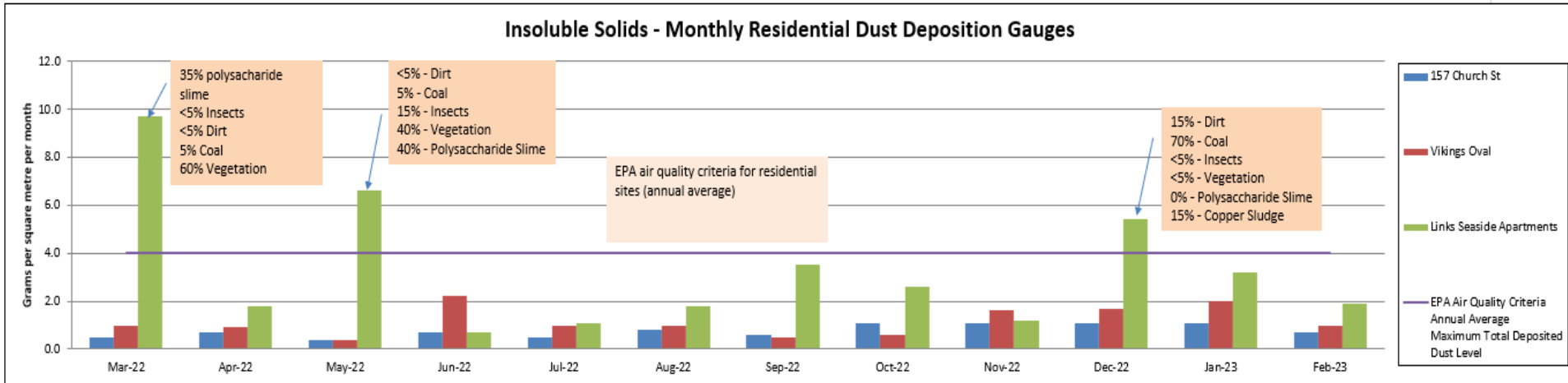


- Wind results measured at Northern dust gauge at SWTP Mar 2023.
- Mixture of wind directions. Most and strongest from the SW
- 1m/sec = 3.6km/h

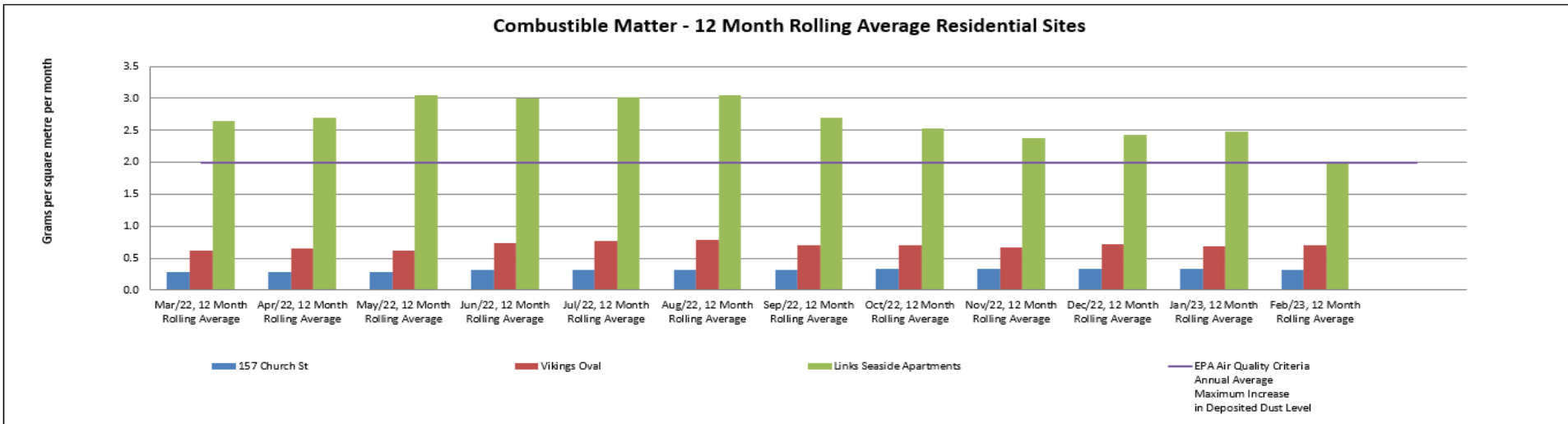
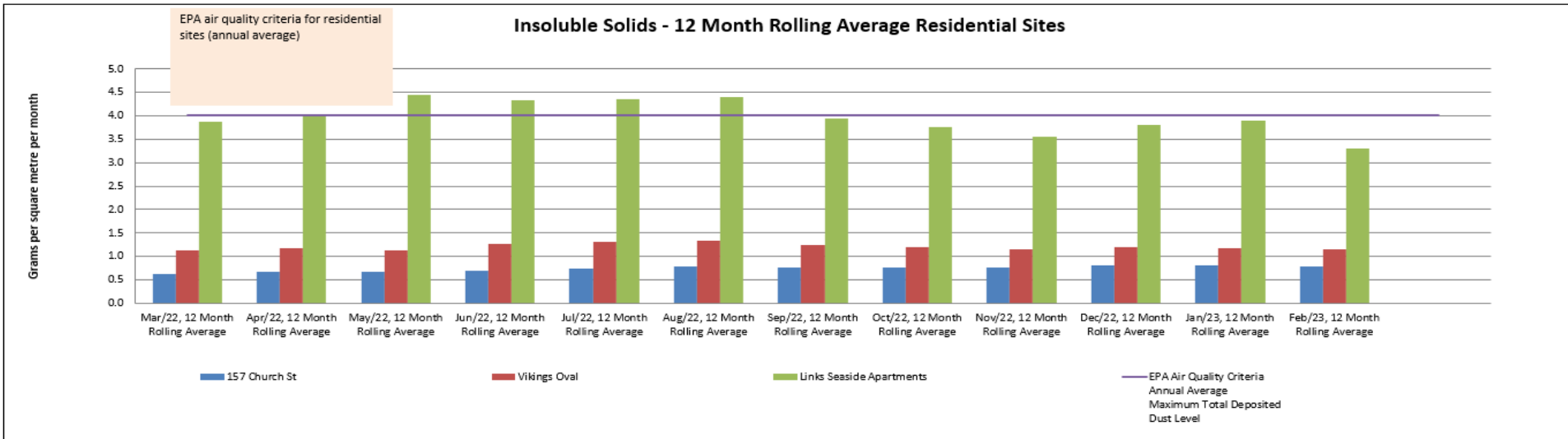
Dust Gauge Locations



Depositional Dust – Residential Monthly dust



Depositional Dust – Residential 12 month rolling average



Water Quality – LDP16 Discharge

Start Mar 2022 to end Feb 2023						
Monitoring Parameter	Number of Overflows	Maximum Recorded Value	Minimum Recorded Value	Mean Recorded Value	Compliant Samples %	EPL Limits
pH	333	9.3	6.3	7.7	n/a	Measurement only
TSS (mg/L)	333	110	<5	8.6	100%	50mg/L
Oil and Grease (mg/L)	333	8	<5	<5	100%	Not Visible
Note pH and Oil and Grease limits were removed from EPL in September 2014 Last exceedance on 17th January 2020 TSS 59mg/L						

Note: Two TSS values greater than 50mg/L during reporting period. Both results were following excessive rainfall vents where the rainfall value exceeded 90mm across 5 days. Under these circumstances, PKCT's EPL allows discharge to be greater than 50mg/L.

Oil and grease remains at 100% compliant

TSS – 100% compliant,

pH – Monitoring and reporting only

As of end of 28 February 2023, PKCT has not had any EPA reportable non-compliant events for a period of 1138 days.

PKCT submitted 2021/2022 Annual Return (summary of compliance to licence) to the EPA in May 2022. No non-compliances reported. 2022/2023 Annual Return is being compiled.

Triennial Independent Audit (TIA) has been completed in August 20

- Audit identified 7 non conformances in total, 3 of which had already been reported previously to the regulators and rectified.
- Full audit report can be found on PKCT's website; <https://www.pkct.com.au/community-environment/regulatory-documents>
- Next TIA due in August 2023.

Annual Environmental Management Report – Annual summary report discussion PKCT's compliance to our planning Approval. Report was submitted end July 2022. Report was reviewed by DPI&E who have accepted reports findings. Report is available on the PKCT website; <https://www.pkct.com.au/community-environment/regulatory-documents>

NPI submitted in September

ISO 14001/9001 Environmental and Quality management Systems Audit recertification in December 2021. Last ISO and Quality Audit in 2022, no non conformances.

PKCT was recently accredited to ISO45001, OH&S Management System.

Environmental Improvements

Major infrastructure upgrades to ponds and pits across site associated with AIE separation

Significant upgrades and redesign of CWCT system has occurred across the site. New pumps and pits/ponds have been installed at TS8 and the south eastern pond.



CWCT Improvements

Inclusion of non-return valves on dewatering lines at TS1 and Northern Pond.



Green and Golden Bell Frog Surveys

PKCT continues to undertake an annual Green and Golden Bellfrog Survey. Survey utilises a expert consultant to conduct a diurnal and nocturnal survey across the site looking for frogs. 2023 survey in February did not find any evidence of GGBF, but did find Common Eastern Froglet, Peron's Tree Frog and Striped Marsh Frog. No GGBF's have been found at PKCT since 2010.



CWCT Improvements

With the prolonged wet weather over the last few year's, PKCT has purchased 8 new pumps including two larger pumps and 6 smaller flex drive pumps. The procurement of these new pumps means we are less reliant on hire companies and are quicker to react to issues as they arise during storm events.



Environmental Improvements

Dust Monitor Upgrades

PKCT purchased and installed two new Osiris continuous dust monitors to replace the aging monitors located at the Sewage Treatment Plant. One of the older monitors has now been refurbished and set up as a spare. The monitor can now be utilised around the site for additional “spot” monitoring if/when required.



In October 2020, NSW Ports, PKCT and Australian Industrial Energy (AIE) agreed to a surrender of the southernmost portion of the PKCT site to AIE effective from 31st March 2021. This has resulted in a reduced operational footprint for the PKCT site, resulting in a change to the air quality and water quality monitoring requirements in accordance with PKCT's EPL No 1625.

PKCT has completed an update on both the EPA EPL and the DPIE Management Plans to reflect the new layout of the PKCT operation. Both the EPL and the 11 Management Plans have been reviewed and approved by the regulators. All Plans on PKCT website www.pkct.com.au

In summary, PKCT has removed 2 ponds and associated sumps, 5 pumps and 2 depositional dust gauges. PKCT's new layout now includes 2 new ponds and 2 new pumps. The effective catchment area reporting to the PKCT CWCT has been reduced by approximately 48% with the removal of the southern portion of the site.

PKCT has also replaced our two aging continuous dust monitors with new units, relocating the southern unit further north into our new site boundary.

Seawall Road has been relinquished to NSW Ports as part of the surrender.

Currently AIE is running pipeline through the main road of PKCT to eventually connect to the EAGP

Port Kembla Coal Terminal (PKCT) closed road access to Seawall Road as a COVID-19 health and safety measure while the 'Ruby Princess' was docked at Port Kembla. At that time, we completed an audit of the area as part of our safety management approach and have determined that in the interests of overall health and safety, the access road will remain closed.

Prior to this closure, PKCT had seen an increased number of incidents with the general public gaining unauthorised access to the operational site. These incidents are of significant concern, particularly those involving children on bicycles; members of the public driving into the road receival area; public standing in the path of trucks taking photos and pedestrians walking where there is no footpath.

We acknowledge this change does limit access for members of the public, but we understand the public still have access to the Seawall Road via other access points.

PKCT is an industrial facility with a significant logistical operation involving road receival, trains, large earth moving equipment and light vehicles and those who work here are highly trained, wear high visibility clothing and are inducted to work in the area. Closing the front road access gates provides a safe place of work and eliminates the risk of the public interacting with the coal trucks and large earth moving equipment.

We must ensure the safety and health of everyone who accesses the site, and for that reason we have decided to keep this road access closure in place until such time the risks can be mitigated.

As you may also be aware, the port is undergoing significant changes to use, land/lease ownership. Sections of the property currently leased by PKCT from NSW Ports will be surrendered to NSW Ports. As of the 1st of April 2021, the southern part of PKCT's lease (Berth 101) will be occupied by another NSW Ports tenant, Australian Industrial Energy whilst Seawall Road will be managed by NSW Ports.

PKCT has been and continues to be in discussion with NSW Ports and AIE to understand what impact these changes will have going forward.

PKCT would like to understand how to make this forum as beneficial as possible to our community.

What can we do better?

Terms of reference

Contact details

Name	Phone	Email
Luke Pascot	0419 657 929	Luke.pascot@pkct.com.au
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Craig Morris	0418 553 031	Craigmorris88@icloud.com
Anthony Mallon		a.j.mallon@gmail.com
Brendan Leo	0400 919 875	brendanleo@hotmail.com

Date Raised	Action Description	Action By	Action Status	Date Closed
22/05/19	Request PKCT/ Security to open gates on seawall road at first light.	LP	Complete	

Date Raised	Action Description	Action By	Action Status	Date Closed
1211-1	Provide further information on breakdown of "black dust" and various dust sources.	AC	Will seek further information through this next round of testing. Program ongoing, data being shared with CCC.	15/05/2019
8/3/17	Community group would like emails notifying them whenever the Seawall Road is closed.	LP	Addressed, PKCT procedure has been updated. LP will be notified internally through email of any planned closures. LP will email CCC group.	07/06/2017
8/3/17	Group requested to look at opening times of the Seawall Road gate as it seems to now be at 7:00am rather than 5am. Opening early would minimise likelihood of cars parking on main access road.	LP	Complete.	25/10/2017
8/3/17	Lock 2 nd gate at Seawall Road rather than first gate.	LP	Complete. Planners are aware of requirement and will as much as possible close second gate. Sometimes there is an operational need to close first gate.	06/07/2017
8/3/17	Group asked if PKCT had looked into Naturally Occurring Radioactive Materials (NORMS) in coal fines.	LP	Complete – LP raised topic at CoP meeting in Mackay recently with other east coast coal terminals. No one had any concerns or community/regulator interactions related to NORMs.	21/09/2017

Date Raised	Action Description	Action By	Action Status	Date closed
1612 - 15	Confirm with group whether 4pm meeting times remain the most practical.	LP	Group confirmed that 4pm is still ok. 8/3/17	8/3/17
1606 - 14	PKCT to undertake dust collection and analysis on dust from Barry's veranda if possible.	AC	Meeting at Links, PKCT to send off secondary dust gauge samples for analysis at CSIRO. Samples were subsequently collected and are now with CSIRO for analysis. Results expected early April 2017.	8/3/16

Completed Actions

Date Raised	Action Description	Action By	Action Status
1211-2	Review sampling arrangements at Links Seaside Apartments	AC	Complete
1311-1	Links Seaside Apartments: AC provided BP with sketch of proposed holder .	BP	Complete
1311-2	Investigate various types of tarps in use with consideration to their effectiveness as a dust and spill control. Include in proposed PKCT truck company audits.	LP	Complete
1311-3	Ref. discussion on PM2.5, PM1.0- Review PKCT Dust Data to consider respective contributions in TSP and consider how best to present.	LP	Complete, subject to discussion
1408-13	Clarify on the continuous dust monitoring slide that the data is for the northern monitor.	LP	Complete
1412-03	LDP16 EPL limits were suggested to be added to the “Water Quality Slide”.	LP	Complete added to final presentation.
1412-03	Incorporate summary slide from Port Kembla Harbour Environment Group into next CCC presentation.	AC	Complete
1408-13	Request for feedback to the group re. general environmental performance of the Port. related to PKCT’s participation in the Port Users Group.	AC/PG	AC- discussion with Roger Kirk from PKPC indicated environmental matters not covered in detail and raised on an exception basis.
1412-03	Anthony has old dust gauge in his yard. PKCT to remove.	AC/LP	Complete.
1412-03	LP created a basic diagram showing process stages of depositional dust measurement. LP to update diagram and send to group for comment.	LP	Complete, email forwarded

Completed Actions

Date Raised	Action Description	Action By	Action Status
0303 - 1	Provide definitions for “soot” and other point count analysis components.	LP	Complete – See “Attachment A” at end of presentation.
1510-01	Install bottle in 2 nd holder at Links Seaside Apartments site	AC	Completed post meeting; installed on 16.10.15
1510-02	Add NSEW indicator on dust gauge location plan and wind roses	LP	Complete post meeting
1510-03	PKCT website- increase font size of Hotline number	LP	Completed post meeting
1510-04	Update EPL web report dust monitoring location plan- Links Seaside Apartments	LP	Completed post meeting
1510-05	Change bottom arrow between item 7 and 8 on the “process stages of depositional dust monitoring” diagram	LP	Completed post meeting
1510-06	Re. depositional dust monitoring process- get PKCT sampling/ testing firm, SGS to present.	LP	Complete – SGS presented at March 2016 meeting
1408-13	Investigate analysing the dust captured by the continuous dust monitor filters.	LP	Complete - Coalbridge Services in Newcastle was sent samples and worked with CSIRO to undertake and report on dust on filters. Data reported to group in June 16 meeting.