

Preliminary Acid Sulfate Soil Assessment at 28 and 35 Sugarmill Road, Sapphire Beach



3 November 2021

For: Mr Keiran Grimley and Dr Ian Martyn

Authored by: Strider Duerinckx

Ref	Ver	Date	Distribution
2021-165-04	A	3/11/21	Client, Planner

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1 Introduction

Earth Water Consulting Pty Limited (EWC) was engaged by Mr Keiran Grimley and Dr Ian Martyn (the “Client”) to undertake a preliminary Acid Sulfate Soil Assessment (PASS) for 28 and 35 Sugarmill Road, Sapphire Beach (the “Site”) (Figure 1).

2 Proposed Development

We understand that it is proposed to rezone and subdivide each property into 2 lots to be used for rural-residential living. Lots 120 and 121 would be located on 28 Sugarmill Road and 910 and 911 on 35 Sugarmill Road.

3 Scope of Work

This report presents the results of PASS investigations, undertaken in reference to the Acid Sulfate Soil Manual (ASSMAC, 1998), and CHCC LEP Part 7 Acid Sulfate Soils. The scope of work included:

- A desktop review of surface, geology, hydrogeology, geomorphic and ASS risk conditions;
- A site inspection and walkover to assess for indicative ASS biomes and features;
- Drilling of one borehole per property to the depth of 1.2m;
- Collection of 4 soil samples at various soil profiles present and analysis for field pH_f and pH_{ox}; and
- Preparation of this Preliminary ASS report which describes the results of our investigation.

4 Site Description

4.1 Site Identification

The Site details are provided in Table 1 and shown in Figure 1. The Site is zoned RU2, rural landscape.

Table 1 - Site Identification

Address	Lot ID	Approx Area (ha)
No. 28 Sugarmill Road, Sapphire Beach	Lot 12 DP 243972	20,336
No. 35 Sugarmill Road, Sapphire Beach	Lot 91 DP 786155	23,660

4.2 Location and Features

The properties are located either side of Sugarmill Road, with number 28 on the northern side, and 35 on the southern side.

These properties are located on undulating low hills separated by forested drainage lines and are mainly cleared.

Typical Site details are shown in **Photograph 1** (No. 28) and **Photograph 2** (No. 35).



Photograph 1 No. 28-
Looking north across the
proposed Lot 121
building envelope.



Photograph 2 No. 35 -
Looking west across
proposed Lot 911 with
an existing vegetation
patch downslope of the
of the proposed building
envelope.

5 Geology and Hydrogeology

5.1 Geology

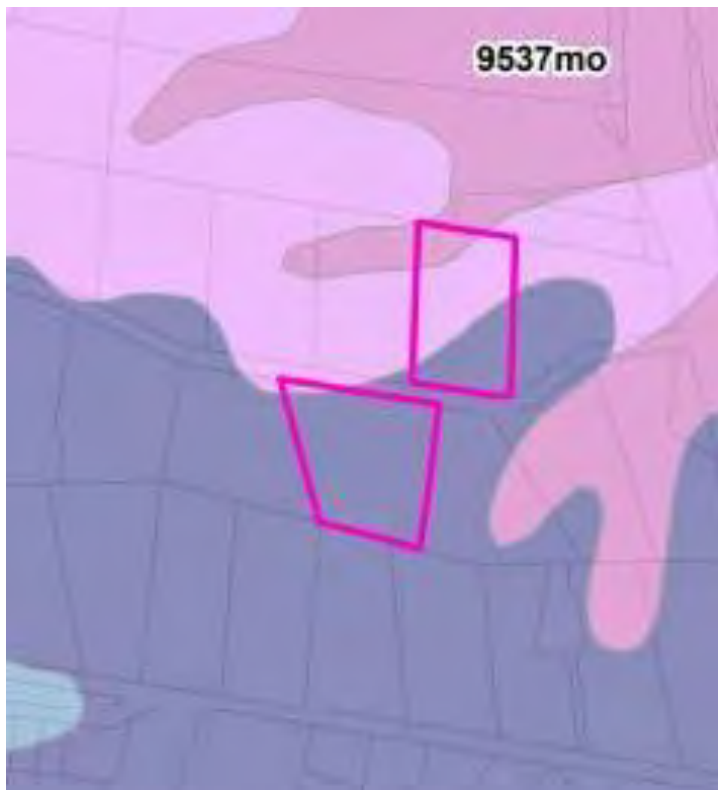
The Site is underlain by the Coramba beds. These are comprised of lithofeldspathic wacke, minor siltstone, mudstone, metabasalt, jasper and rare calcareous siltstone.

5.2 Soils

The properties are underlain by a combination of soils, which include the Ulong, Moonee and Megan soil landscapes. Generally, 28 Sugarmill Road is underlain by a combination of the Ulong (central portion) and Megan (southern portion) Soil Landscapes. Number 35 Sugarmill Road is almost entirely underlain by the Megan soil landscape, with a small section underlain by the Ulong landscape in the northwestern corner of the property.

The Ulong soil landscape is located on undulating to rolling low hills to hills on Late Carboniferous-aged metasediments with local relief up to 90m. Soils are moderately deep (>100cm), red and brown earths, and red and yellow podzols.

The Megan Soil Landscape is located in a slightly elevated position in the landscape. Soils are moderately deep to deep, well drained structured red and brown earths and red and brown podzolic soils with moderately deep to deep (>100cm) structured yellow earths and yellow podzolic soils in drier situations, and moderately deep to deep well drained Krasnozems in moistest sites.



Photograph 3. Mapped soil landscape and subject properties (pink).

6 Acid Sulfate Soils

6.1 Mapped Occurrences of ASS

Coffs Harbour City Council Local Environmental Plan (LEP, 2013) and Coffs Harbour City Council Planning and Environment Spatial Maps- ASS layers that are derived from the published ASS risk mapping, indicates that the Site is underlain by mapped “Class 5” ASS risk. No.28 is completely underlain and No. 35 is partially underlain.

Class 5 denotes areas where acid sulfate soils are not typically found but is a 500m wide buffer zone created around mapped ASS risk soils. As such, a low probability of ASS exists at the Site and the PASS investigation is precautionary only.



Photograph 4. Mapped ASS risk and subject properties location (pink).

In accordance with Part 7 of the LEP, development consent is required for the carrying out of the following works;

Within Mapped Class 5 – Works within 500 metres of adjacent Class 1, 2, 3 or 4 land that is below 5 metres Australian Height Datum and by which the watertable is likely to be lowered below 1 metre Australian Height Datum on adjacent Class 1, 2, 3 or 4 land.

As the lowest point of the Site is around 9.5mAHD, well above the 5m criteria, and standard rural-residential development is not expected to permanently lower groundwater, it is unlikely that the proposed subdivision and future development would trigger any ASS provisions. Notwithstanding, this PASS investigation has been undertaken for confirmation of the local ASS risk.

Mapped ASS probability mapping provided on eSpade 2.1m indicates that mapped low and high probably ASS soils are present east of the Pacific Highway only. The high probably pf ASS is at <1m below the groundsurface and low probability at 1-3m below the groundsurface.



Photograph 5.

Published ASS probability mapping. Subject property's locations red outline.

7 Subsurface Conditions

Site soils were observed by drilling three (3) boreholes (BH1-BH3) to a maximum depth of 1.2m using a powered auger. The location of the boreholes are shown in Figure 2 and a copy of the borehole logs are presented in Appendix A.

Natural soil profiles were observed in the boreholes, and were found to be representative of their associated residual soil landscapes.

The lithology encountered included a pale brown clay loam underlain by pale red residual clay, grading with depth to white and grey mottling.

Alluvial soils were not encountered. Strong jarosite and iron mottling was also not observed in the natural soils. No rotten egg odours, shell pieces, dark grey to black anaerobic soils or muds were encountered.

No groundwater inflow was observed in the boreholes to the maximum depth of 1.2m drilled.

7.1 Biophysical Indicators

The proposed development is situated above 9.5mAHD on a moderately to gently sloping land surface. Dominant tree species in the lower forested zone included moist eucalypt forest. No vegetation strongly associated with ASS soil presence was observed.

No surface water seepage was observed or standing water swampy ground.

7.2 ASS Screening Test Results

Two soil samples were collected from BH1 (0.4-0.6 and 0.9-1.1m) and two soil samples were collected from BH2 (0.4-0.6 and 0.9-1.1m) were selected for field screening tests to determine their likelihood of containing Potential or Actual ASS (Pass/Aass) and whether further laboratory analyses would be necessary. The selected soil samples were placed in a chilled container (~4 C) and only removed when analysis was conducted.

Samples were forwarded to Eurofins laboratory at Sydney for initial screening analysis. The lab report is included in Appendix B and summarised in **Table 2**.

Table 2 – Summary of Field Screening

Sample Location	Sample Depth (m)	pH _f (1:5)	pH _{fox} (1:5)	pH Change	Reaction
BH1	0.4-0.6	6.1	4.8	-1.3	No reaction to slight
BH1	0.9-1.1	5.5	4.7	-0.8	
BH2	0.4-0.6	5.5	4.5	-1.0	
BH2	0.9-1.1	5.2	4.4	-0.8	
Typically, pH _f readings <4.0-4.5 indicate the presence of Aass.					
Typically, pH _{fox} readings of <3.0-3.5 can indicate the presence of Potential Acid Sulfate Soils (Pass).					
Typically changes of >1 pH unit and preferably >2 pH units can indicate the presence of Pass.					
Oxidation reaction rate and intensity can be indicators of Pass.					

In summary, the pH_f and pH_{fox} of all analysed samples were found to be below the Aass and Pass indicator threshold limits and reaction rates were low.

8 Conclusions and Recommendations

The desktop review shows no ASS risk the residual clay subsoils. Biophysical indicators, field screening and soil profiles suggest that the properties are not underlain by ASS.

As such ASS are concluded to not be present at the Site that would be impacted by the proposed rural-residential developments, and no further investigations or plans of management are required.

If dark grey to black, odorous or waterlogged alluvial sands or clays are encountered during development, then works should be halted until confirmation of the presence of ASS is undertaken and/or remedial strategies developed at that time.

9 References

Coffs Harbour City Council Local Environmental Plan 2013.

Milford H.B, (1997), *Moonee Beach 1:25,000 Acid Sulfate Soil Risk Map*. Edition 2. Department of Land & Water Conservation.

Milford H.B, (1999), *Soil Landscapes of the Coffs Harbour 1:100,000 Sheet Report*. Department of Conservation and Land Management.

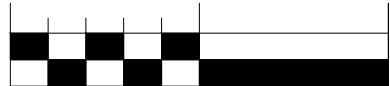
Stone Y, Ahern C.R., and Blunden B (1998), *Acid Sulfate Soil Manual 1998*. Acid Sulfate Soil Management Advisory Committee (ASSMAC), Wollongbar, NSW, Australia.

FIGURES

Appendix 10 - Preliminary Acid Sulphate Soils Assessment



0 100 200



Horizontal Scale (metres) 1:4000



LEGEND

- Property Boundaries
- Adjacent Lots
- Intermittent waterways
- Dams

TITLE Site Location

FIGURE Figure 1

PROJECT
Preliminary ASS
Investigation for 28
and 35 Sugarmill Road,
Sapphire Beach

CLIENT
Grimley &
Martyn

SHEET

1 OF 1

ISSUE

A

AUTHOR

SD

DATE

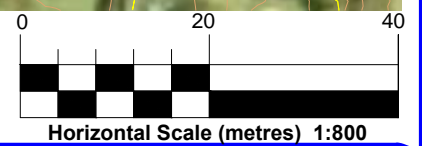
3/11/21

SCALE









1:8000

PROJECT

2021-165




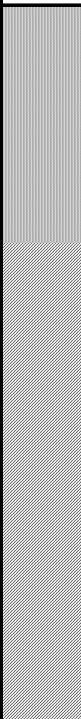
LEGEND

-  Property Boundary
-  Drainage Alignment
-  Dam
-  Contour Line (1m)
-  CHCC LEP ASS Class
-  Existing Building
-  Existing Driveway
-  Approximate BH Location



TITLE Site Layout and Sample Locations			FIGURE Figure 2	
PROJECT Prelim ASS Investigation for 28 and 35 Sugarmill Road, Sapphire Beach			SHEET 1 OF 1	ISSUE A
			CLIENT Grimley & Martyn	
AUTHOR SD	DATE 3/11/21	SCALE 1:800	PROJECT 2021-165	


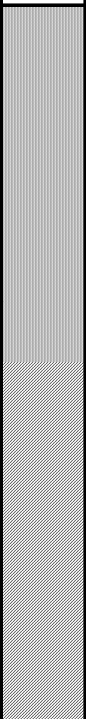
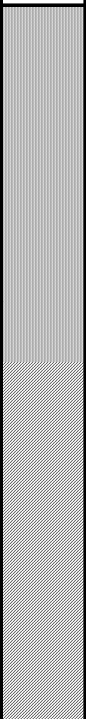
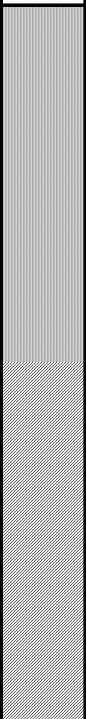
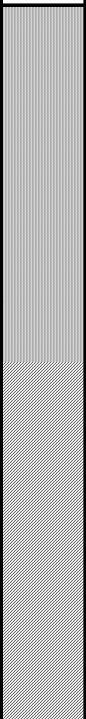
APPENDIX A

 <h1 style="margin: 0;">Soil Borelog</h1>										
Project ref: 2021-165						Borehole No: BH1				
Client:						Logged by: NS				
Address: 28 Sugarmill Rd Sapphire Beach						Drilling date: 25/05/2021				
						Drilling method: Power auger				
						Borehole location: Figure 2				
						Borehole coords:				
PROFILE DESCRIPTION										
Depth (m)	Sampling depth/name	Graphic Log	Horizon	Texture	Structure	Colour	Mottles	Coarse Fragments	Moisture Condition	Comments
0.1			A1	Clay Loam	Moderate	Black/Dark Brown	Nil	Nil	SM	Topsoil
0.2			A2	Clay Loam	Strong	Pale Brown	Pale Orange	Nil	SM	Transferral
0.3										
0.4										
0.5	S		B2	Light Clay	Strong	Pale Red	Pale Brown	Nil	SM	Residual
0.6										
0.7										
0.8				Light Clay	Strong	Pale Red Orange	White	Nil	SM	Residual
0.9										
1.0										
1.1										
1.2										
1.3					Borehole terminated at 1.2m					
1.4										
1.5										
Moisture condition										
D	Dry	M	Moist	W	Wet / saturated					
SM	Slightly moist	VM	Very moist							

Borehole No:	BH2
Logged by:	NS
Drilling date:	25/05/2021

PROFILE DESCRIPTION

<u>Moisture condition</u>					
D	Dry	M	Moist	W	Wet / saturated
SM	Slightly moist	VM	Very moist		

<div style="display: flex; justify-content: space-between; align-items: center;">  <div> <h1 style="margin: 0;">Soil Borelog</h1> </div> </div>													
<div style="display: flex; justify-content: space-between;"> <div> Project ref: 2021-165 Client: Address: 35 Sugarmill Rd Sapphire Beach </div> <div> Borehole No: BH3 Logged by: NS Drilling date: 25/05/2021 Drilling method: Power Auger Borehole location: Figure 2 Borehole coords: 513723, 6656354 </div> </div>													
PROFILE DESCRIPTION													
Depth (m)	Sampling depth/name	Graphic Log	Horizon	Texture	Structure	Colour	Mottles	Coarse Fragments	Moisture Condition	Comments			
0.1			A1	Clay Loam	Strong	Dark Brown	Pale Brown	Nil	SM	Topsoil Charcoal			
0.2			B1	Clay Loam	Strong	Pale Brown	Pale Red Orange	< 5%	SM	Transferral			
0.3													
0.4													
0.5													
0.6	S			B2	Light Clay	Strong	Pale Orange Brown	Pale Red	Nil	SM	Residual		
0.7													
0.8					B3	Light Clay	Strong	Orange/Pale Red	White/Pale	Nil		Residual	
0.9													
1.0													
1.1													
1.2						Borehole terminated at 1.2m							
1.3													
1.4													
1.5													
Moisture condition <div style="display: flex; justify-content: space-between;"> <div> D Dry SM Slightly moist </div> <div> M Moist VM Very moist </div> <div> W Wet / saturated </div> </div>													

APPENDIX B

Earth Water Consulting Pty Limited
2-16 Lourdes Avenue
Urunga
NSW 2455



NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition
Arrangement for the mutual recognition of the
equivalence of testing, medical testing, calibration,
inspection and proficiency testing scheme providers
reports.

Attention: **Strider Duerinckx**

Report **798700-S**
Project name **SUGAR MILL RD**
Project ID **2021-165**
Received Date **May 27, 2021**

Client Sample ID			BH1 0.4-0.6	BH1 0.9-1.1	BH2 0.4-0.6	BH2 0.9-1.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S21-My56120	S21-My56121	S21-My56122	S21-My56123
Date Sampled			May 25, 2021	May 25, 2021	May 25, 2021	May 25, 2021
Test/Reference	LOR	Unit				
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	6.1	5.5	5.5	5.2
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	4.8	4.7	4.5	4.4
Reaction Ratings* ^{S05}	-	comment	1.0	1.0	1.0	1.0

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description

Acid Sulfate Soils Field pH Test

Testing Site

Sydney

Extracted

May 31, 2021

Holding Time

7 Days

- Method: LTM-GEN-7060 Determination of field pH (pHF) and field pH peroxide (pHFOX) tests

Australia

Melbourne

6 Monterey Road
Dandenong South VIC 3175
Phone : +61 3 8564 5000
NATA # 1261
Site # 1254 & 14271

Sydney

Unit F3, Building F
16 Mars Road
Lane Cove West NSW 2066
Phone : +61 2 9900 8400
NATA # 1261 Site # 18217

Brisbane

1/21 Smallwood Place
Murarrie QLD 4172
Phone : +61 7 3902 4600
NATA # 1261 Site # 20794

Perth

46-48 Banksia Road
Welshpool WA 6106
Phone : +61 8 9251 9600
NATA # 1261
Site # 23736

Newcastle

4/52 Industrial Drive
Mayfield East NSW 2304
PO Box 60 Wickham 2293
Phone : +61 2 4968 8448
NATA # 1261 Site # 25079

New Zealand

Auckland

35 O'Rorke Road
Penrose, Auckland 1061
Phone : +64 9 526 45 51
IANZ # 1327

Christchurch

43 Detroit Drive
Rolleston, Christchurch 7675
Phone : 0800 856 450
IANZ # 1290

ABN: 50 005 085 521 web: www.eurofins.com.au email: EnviroSales@eurofins.com

Company Name: Earth Water Consulting Pty Limited
Address: 2-16 Lourdes Avenue
Urunga
NSW 2455
Project Name: SUGAR MILL RD
Project ID: 2021-165

Order No.:
Report #: 798700
Phone: 0402 6083 96
Fax:

Received: May 27, 2021 9:25 AM
Due: Jun 3, 2021
Priority: 5 Day
Contact Name: Strider Duerinckx

Eurofins Analytical Services Manager : Andrew Black

Sample Detail

Acid Sulfate Soils Field pH Test

Melbourne Laboratory - NATA Site # 1254 & 14271

Sydney Laboratory - NATA Site # 18217

Brisbane Laboratory - NATA Site # 20794

Perth Laboratory - NATA Site # 23736

Mayfield Laboratory - NATA Site # 25079

External Laboratory

No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID	
1	BH1 0.4-0.6	May 25, 2021		Soil	S21-My56120	X
2	BH1 0.9-1.1	May 25, 2021		Soil	S21-My56121	X
3	BH2 0.4-0.6	May 25, 2021		Soil	S21-My56122	X
4	BH2 0.9-1.1	May 25, 2021		Soil	S21-My56123	X

Test Counts

4

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer, that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

****NOTE:** pH duplicates are reported as a range NOT as RPD

Units

mg/kg: milligrams per kilogram

mg/L: milligrams per litre

ug/L: micrograms per litre

ppm: Parts per million

ppb: Parts per billion

%: Percentage

org/100mL: Organisms per 100 millilitres

NTU: Nephelometric Turbidity Units

MPN/100mL: Most Probable Number of organisms per 100 millilitres

Terms

Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
LOR	Limit of Reporting.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
LCS	Laboratory Control Sample - reported as percent recovery.
CRM	Certified Reference Material - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
USEPA	United States Environmental Protection Agency
APHA	American Public Health Association
TCLP	Toxicity Characteristic Leaching Procedure
COC	Chain of Custody
SRA	Sample Receipt Advice
QSM	US Department of Defense Quality Systems Manual Version 5.3
CP	Client Parent - QC was performed on samples pertaining to this report
NC	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
TEQ	Toxic Equivalency Quotient

QC - Acceptance Criteria

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR : No Limit

Results between 10-20 times the LOR : RPD must lie between 0-50%

Results >20 times the LOR : RPD must lie between 0-30%

Surrogate Recoveries: Recoveries must lie between 20-130% Phenols & 50-150% PFASs

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.3 where no positive PFAS results have been reported have been reviewed and no data was affected.

WA DWER (n=10): PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. Organochlorine Pesticide analysis - where reporting LCS data, Toxaphene & Chlordane are not added to the LCS.
4. Organochlorine Pesticide analysis - where reporting Spike data, Toxaphene is not added to the Spike.
5. Total Recoverable Hydrocarbons - where reporting Spike & LCS data, a single spike of commercial Hydrocarbon products in the range of C12-C30 is added and it's Total Recovery is reported in the C10-C14 cell of the Report.
6. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore laboratory analysis is unlikely to be completed within holding time. Analysis will begin as soon as possible after sample receipt.
7. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of Recovery the term "INT" appears against that analyte.
8. Polychlorinated Biphenyls are spiked only using Aroclor 1260 in Matrix Spikes and LCS.
9. For Matrix Spikes and LCS results a dash " - " in the report means that the specific analyte was not added to the QC sample.
10. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

Comments**Sample Integrity**

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
S05	Field Screen uses the following fizz rating to classify the rate the samples reacted to the peroxide: 1.0; No reaction to slight. 2.0; Moderate reaction. 3.0; Strong reaction with persistent froth. 4.0; Extreme reaction.

Authorised by:

Andrew Black

Analytical Services Manager



Glenn Jackson
General Manager

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please [click here](#).

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.



CHAIN OF CUSTODY RECORD

Eurofins | Int. AEN 50 005 085 521

Earth Water Consulting Pty Limited

Unit 6 / 1A Marina Crescent, Urunga NSW 2455

Contact Name

Strider Duennickx

Phone No

0402603396

Special Directions

Purchase Order

2021-165

Quote ID No

Earth Water Consulting

Project Name

Supermill Rd.

2021-165

Project Manager

EDD Format

ESAM EQ45 M

Shades

Yes

Perth Laboratory
Unit 2/91 Leach Highway, Kewdale WA 6105
08 9251 0800 EurofinsSampleWA@eurofins.comMelbourne Laboratory
2 Engelen Town Close, Oakleigh VIC 3166
03 8804 5100 EurofinsSampleVIC@eurofins.comSydney Laboratory
Unit 13 Bldg F 18 Mars Road Lane Cove West NSW 2086
02 9900 8400 EurofinsSampleNSW@eurofins.comBrisbane Laboratory
Unit 1/21 Shawwood Place, Marooch QLD 4172
07 3902 4900 EurofinsSampleQLD@eurofins.comPerth Laboratory
Unit 2/91 Leach Highway, Kewdale WA 6105
08 9251 0800 EurofinsSampleWA@eurofins.comMelbourne Laboratory
2 Engelen Town Close, Oakleigh VIC 3166
03 8804 5100 EurofinsSampleVIC@eurofins.com

Handled over by

Email for Invoice

Email for Results

strider@ewcon.com.au

strider@ewcon.com.au

Containers

Check appropriate box & send to laboratory

Required Turnaround Time

We will do our best to meet this

*Substrate will apply

Overnight (reporting by 9am)

Same day

2 days

3 days (Standard)

Other

Sample Comments
/ Dangerous Goods, Hazard Warning500mL Plastic
250mL Plastic
125mL Plastic
200mL Amber Glass
40mL Vial
500mL PFAS PET
Jar (Glass or HDPE)
☐ Overnight (reporting by 9am)
☐ Same day
☒ 2 days
☐ 3 days (Standard)
☐ Other

Method of Shipment

☒ Courier #
☐ Hand Delivered
☐ Postal

Total Counts

4

Name

Signature

Date

Time

Temperature

Repeat No

Eurofins Int'l
Laboratory Use Only

Received By

Received By

Signature

Signature

Date

Time

Submission of samples to the laboratory will be deemed as acceptance of Eurofins Int'l Standard Terms and Conditions unless agreed otherwise. A copy of Eurofins Int'l Standard Terms and Conditions is available on request.