

# **ATTACHMENT 12**

## **SURFACE WATER MONITORING RESULTS**



**Boral Construction Materials  
Materials Technical Services**

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FILE No.: 250/17

REQUEST No.: 73358

**Test Report**

CLIENT: P.F. Formation

ADDRESS: 1774 Wisemans Ferry Road MAROOTA NSW 2756

PROJECT: Testing of Water from P.F. Formation.

**TEST PROCEDURE:** APHA 4500 H+B - pH Value - Electrometric Method  
APHA 2130 B - Turbidity - Nephelometric Method  
APHA 5520 C - Oil & Grease - Partition-Infrared Method  
APHA 2540 D - Total Suspended Solids Dried at 103-105 °C  
APHA 2510 B - Conductivity - Laboratory Method

Laboratory Sample No.: 192607  
Date Sampled: 1/06/2017  
Date Received: 5/06/2017  
Sample Description: Water -  
Downstream - Lot  
198  
Field No.: 2

**TEST RESULTS**

pH\*1 7.2  
Turbidity (NTU)\*1 55  
Oil & Grease (mg/L)\*2 < 0.1  
Total Suspended Solid (mg/L) 27  
Conductivity (µS/cm) 166

Sample submitted by the Client.

**NOTE:**

\*1 Test has not met the sample specified holding time.

\*2 Solvent used in the determination of Solvent Extractable Matter for Oil & Grease analysis: Polychlorotrifluoroethylene S316.

J. Graham, Q.C. File, Mat. File, File.



Approved Signatory \_\_\_\_\_

Cynthia Tjiam

Date 10-07-2017

Serial No. 158916

NATA Accredited Laboratory

Accredited for compliance with ISO/IEC 17025

Number: 9968



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FILE No.: 250/17

REQUEST No.: 71602

**Test Report**

CLIENT: P.F. Formation

ADDRESS: 1774 Wisemans Ferry Road MAROOKA NSW 2756

PROJECT: Testing of Water from P.F. Formation.

**TEST PROCEDURE:** APHA 4500 H+B - pH Value - Electrometric Method  
APHA 2130 B - Turbidity - Nephelometric Method  
APHA 5520 C - Oil & Grease - Partition-Infrared Method  
APHA 2540 D - Total Suspended Solids Dried at 103-105 °C  
APHA 2510 B - Conductivity - Laboratory Method

Laboratory Sample No.: 188336  
Date Sampled: 21/02/2017  
Date Received: 21/02/2017  
Sample Description: Water -  
Downstream -  
Lot 198 -  
09:00am

Field No.: 2

**TEST RESULTS**

pH 5.9  
Turbidity (NTU) 9.8  
Oil & Grease (mg/L) \*1 0.1  
Total Suspended Solid (mg/L) 2.4  
Conductivity (µS/cm) 179  
Sample submitted by the Client.

**NOTE:**

\*1 Solvent used in the determination of Solvent Extractable Matter for Oil & Grease analysis: Polychlorotrifluoroethylene S316.

J. Graham, Q.C. File, Mat. File, File.

Cynthia Tjiam

Approved Signatory \_\_\_\_\_  
Date 03-03-2017 Serial No. 154467



Accredited for compliance with ISO/IEC 17025

NATA Accredited Laboratory

Number: 9968



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FILE No.: 250/16

**Test Report**

CLIENT: P.F. Formation

ADDRESS: 1774 Wisemans Ferry Road MAROOTA NSW 2756

PROJECT: Testing of Water from P.F. Formation.

REQUEST No.: 70560

**TEST PROCEDURE:** APHA 4500 H+B - pH Value - Electrometric Method  
APHA 2130 B - Turbidity - Nephelometric Method  
APHA 5520 C - Oil & Grease - Partition-Infrared Method  
APHA 2540 D - Total Suspended Solids Dried at 103-105 °C  
APHA 2510 B - Conductivity - Laboratory Method

Laboratory Sample No.: 185387  
Date Sampled: 1/12/2016  
Date Received: 1/12/2016  
Sample Description: Water -  
Downstream -  
Lot 198 -  
09:00am  
Field No.: 2

**TEST RESULTS**

pH 6.0  
Turbidity (NTU) 28  
Oil & Grease (mg/L) \*1 0.2  
Total Suspended Solid (mg/L) 11  
Conductivity (µS/cm) 141  
Sample submitted by the Client.

**NOTE:**

\*1 Solvent used in the determination of Solvent Extractable Matter for Oil & Grease analysis: Polychlorotrifluoroethylene S316.

J. Graham, Q.C. File, Mat. File, File.



Approved Signatory \_\_\_\_\_

Cynthia Tjiam

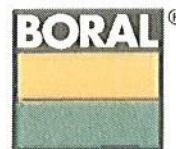
Date 08-12-2016

Serial No. 152382

Accredited for compliance with ISO/IEC 17025

NATA Accredited Laboratory

Number: 9968



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FILE No.: 250/16

**Test Report**

CLIENT: P.F. Formation

1774 Wisemans Ferry Road MAROOTA NSW 2756

PROJECT: Testing of Water from P.F. Formation.

REQUEST No.: 69356

**TEST PROCEDURE:** APHA 4500 H+B - pH Value - Electrometric Method  
APHA 2130 B - Turbidity - Nephelometric Method  
APHA 5520 C - Oil & Grease - Partition-Infrared Method  
APHA 2540 D - Total Suspended Solids Dried at 103-105 °C  
APHA 2510 B - Conductivity - Laboratory Method

Laboratory Sample No.: 182570  
Date Sampled: 8/09/2016  
Date Received: 8/09/2016  
Sample Description: Water -  
Downstream -  
Lot 198 -  
08:30am

Field No.: 2

**TEST RESULTS**

pH\*1 6.4  
Turbidity (NTU)\*1 5.7  
Oil & Grease (mg/L) \*2 0.6  
Total Suspended Solid (mg/L) 3.6  
Conductivity (µS/cm) 178

Sample submitted by the Client.

**NOTE:**

\*1 Test has not met the sample specified holding time.

\*2 Solvent used in the determination of Solvent Extractable Matter for Oil & Grease analysis: Polychlorotrifluoroethylene S316.

J. Graham, Q.C. File, Mat. File, File.

Sudha Krishnamoorthy

Approved Signatory

Date

29.9.16

Serial No.

150297



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TECHNICAL  
COMPETENCE

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NATA Accredited Laboratory

Number: 9968

