

Water Monitoring Requirements:

Grab samples are required to be taken daily during any discharge event.

Location of Monitoring Points:

Monitoring Point 1: Valve controlled outlet chamber and pipeline located within sedimentation pond in north-western corner of the site (see Figure 2.1 in DOC15/0291).

Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples
Oil and Grease	mg/L	10	-	-	-
pH	pH	6.5 - 8.5	-	-	-
Total Suspended Solids	mg/L	50	-	-	-

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
No discharge events during this period					

Water Monitoring Requirements:

Grab samples are required to be taken daily during any discharge event.

Location of Monitoring Points:

Monitoring Point 1: Valve controlled outlet chamber and pipeline located within sedimentation pond in north-western corner of the site (see Figure 2.1 in DOC15/0291).

Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples
Oil and Grease	mg/L	10	-	-	-
pH	pH	6.5 - 8.5	-	-	-
Total Suspended Solids	mg/L	50	-	-	-

Individual Results:

Monitoring Point 1:

Sample Date	Pollutant	Unit of Measure	100 Percentile Concentration Limit	Test Result	Exceedance (Y/N)
No discharge events during this period					

Benedict Recycling Pty Limited

Newcastle - 1A McIntosh Drive, Mayfield West NSW 2304

EPA Licence No: 20771

Water Monitoring Requirements:

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Location of Monitoring Points:

Monitoring Point 1: Valve controlled outlet chamber and pipeline located within sedimentation pond in north-western corner of the site (see Figure 2.1 in DOC15/0291).

Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples	Sample Date			Exceedance
						20/03/2021	21/03/2021	22/03/2021	
Oil and Grease	mg/L	10	2.50	2.50	2.50	2.50	2.50	2.50	N
pH	pH	6.5 - 8.5	7.43	8.02	7.64	7.46	7.43	8.02	N
Total Suspended Solids	mg/L	50	6	44	27	6	32	44	N
Turbidity	mg/L	No limits apply, monitoring purposes only	18	60	42	18	60	47	No limits apply, monitoring purposes only
Aluminium	mg/L		0.02	0.14	0.06	0.02	0.02	0.14	
Chromium	mg/L		0.001	0.002	0.002	0.001	0.002	0.002	
Copper	mg/L		0.008	0.033	0.021	0.023	0.033	0.008	
Lead	mg/L		0.001	0.007	0.003	0.0005	0.001	0.007	
Zinc	mg/L		0.014	0.042	0.029	0.014	0.031	0.042	
Ammonia	mg/L		0.07	0.14	0.11	0.14	0.07	0.12	
Nitrite	mg/L		0.02	0.02	0.02	0.02	0.02	<0.01	
Nitrate	mg/L		0.12	0.15	0.13	0.12	0.12	0.15	
Nitrite + Nitrate	mg/L		0.14	0.15	0.14	0.14	0.14	0.15	
Total Kjeldahl Nitrogen	mg/L		0.9	2.2	1.4	0.9	1.1	2.2	
Total Nitrogen	mg/L		1.0	2.4	1.5	1	1.2	2.4	
Total Phosphorus	mg/L		0.05	0.07	0.06	0.05	0.07	0.07	
Reactive Phosphorus	mg/L		0.01	0.02	0.02	0.02	0.02	0.01	

Benedict Recycling Pty Limited

Apr-21

Newcastle - 1A McIntosh Drive, Mayfield West NSW 2304

EPA Licence No: 20771

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Location of Monitoring Points:

Monitoring Point 1: Valve controlled outlet chamber and pipeline located within sedimentation pond in north-western corner of the site (see Figure 2.1 in DOC15/0291).

Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples	No discharge events during this period
Oil and Grease	mg/L	10	0.00	0.00	#DIV/0!	
pH	pH	6.5 - 8.5	0.00	0.00	#DIV/0!	
Total Suspended Solids	mg/L	50	0	0	#DIV/0!	
Turbidity	mg/L	No limits apply, monitoring purposes only	0	0	#DIV/0!	
Aluminium	mg/L		0.00	0.00	#DIV/0!	
Chromium	mg/L		0.000	0.000	#DIV/0!	
Copper	mg/L		0.000	0.000	#DIV/0!	
Lead	mg/L		0.000	0.000	#DIV/0!	
Zinc	mg/L		0.000	0.000	#DIV/0!	
Ammonia	mg/L		0.00	0.00	#DIV/0!	
Nitrite	mg/L		0.00	0.00	#DIV/0!	
Nitrate	mg/L		0.00	0.00	#DIV/0!	
Nitrite + Nitrate	mg/L		0.00	0.00	#DIV/0!	
Total Kjeldahl Nitrogen	mg/L		0.0	0.0	#DIV/0!	
Total Nitrogen	mg/L		0.0	0.0	#DIV/0!	
Total Phosphorus	mg/L		0.00	0.00	#DIV/0!	
Reactive Phosphorus	mg/L		0.00	0.00	#DIV/0!	

Benedict Recycling Pty Limited

May-21

Newcastle - 1A McIntosh Drive, Mayfield West NSW 2304

EPA Licence No: 20771

Water Monitoring Requirements:

Grab samples are required to be taken daily during any discharge event.

Location of Monitoring Points:

Monitoring Point 1: Valve controlled outlet chamber and pipeline located within sedimentation pond in north-western corner of the site (see Figure 2.1 in DOC15/0291).

Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples	No discharge events during this period
Oil and Grease	mg/L	10	0.00	0.00	#DIV/0!	
pH	pH	6.5 - 8.5	0.00	0.00	#DIV/0!	
Total Suspended Solids	mg/L	50	0	0	#DIV/0!	
Turbidity	mg/L	No limits apply, monitoring purposes only	0	0	#DIV/0!	
Aluminium	mg/L		0.00	0.00	#DIV/0!	
Chromium	mg/L		0.000	0.000	#DIV/0!	
Copper	mg/L		0.000	0.000	#DIV/0!	
Lead	mg/L		0.000	0.000	#DIV/0!	
Zinc	mg/L		0.000	0.000	#DIV/0!	
Ammonia	mg/L		0.00	0.00	#DIV/0!	
Nitrite	mg/L		0.00	0.00	#DIV/0!	
Nitrate	mg/L		0.00	0.00	#DIV/0!	
Nitrite + Nitrate	mg/L		0.00	0.00	#DIV/0!	
Total Kjeldahl Nitrogen	mg/L		0.0	0.0	#DIV/0!	
Total Nitrogen	mg/L		0.0	0.0	#DIV/0!	
Total Phosphorus	mg/L		0.00	0.00	#DIV/0!	
Reactive Phosphorus	mg/L		0.00	0.00	#DIV/0!	

Benedict Recycling Pty Limited

Jun-21

Newcastle - 1A McIntosh Drive, Mayfield West NSW 2304

EPA Licence No: 20771

Water Monitoring Requirements:

Grab samples are required to be taken daily during any discharge event.

Location of Monitoring Points:

Monitoring Point 1: Valve controlled outlet chamber and pipeline located within sedimentation pond in north-western corner of the site (see Figure 2.1 in DOC15/0291).

Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples	Sample Date			
Oil and Grease	mg/L	10	0.00	0.00	#DIV/0!	No discharge events during this period			
pH	pH	6.5 - 8.5	0.00	0.00	#DIV/0!				
Total Suspended Solids	mg/L	50	0	0	#DIV/0!				
Turbidity	mg/L	No limits apply, monitoring purposes only	0	0	#DIV/0!				
Aluminium	mg/L		0.00	0.00	#DIV/0!				
Chromium	mg/L		0.000	0.000	#DIV/0!				
Copper	mg/L		0.000	0.000	#DIV/0!				
Lead	mg/L		0.000	0.000	#DIV/0!				
Zinc	mg/L		0.000	0.000	#DIV/0!				
Ammonia	mg/L		0.00	0.00	#DIV/0!				
Nitrite	mg/L		0.00	0.00	#DIV/0!				
Nitrate	mg/L		0.00	0.00	#DIV/0!				
Nitrite + Nitrate	mg/L		0.00	0.00	#DIV/0!				
Total Kjeldahl Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Phosphorus	mg/L		0.00	0.00	#DIV/0!				
Reactive Phosphorus	mg/L		0.00	0.00	#DIV/0!				

Benedict Recycling Pty Limited

Jul-21

Newcastle - 1A McIntosh Drive, Mayfield West NSW 2304

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Water Monitoring Requirements:

Grab samples are required to be taken daily during any discharge event.

Location of Monitoring Points:

Monitoring Point 1: Valve controlled outlet chamber and pipeline located within sedimentation pond in north-western corner of the site (see Figure 2.1 in DOC15/0291).

Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples	Sample Date			
Oil and Grease	mg/L	10	0.00	0.00	#DIV/0!	No discharge events during this period			
pH	pH	6.5 - 8.5	0.00	0.00	#DIV/0!				
Total Suspended Solids	mg/L	50	0	0	#DIV/0!				
Turbidity	mg/L	No limits apply, monitoring purposes only	0	0	#DIV/0!				
Aluminium	mg/L		0.00	0.00	#DIV/0!				
Chromium	mg/L		0.000	0.000	#DIV/0!				
Copper	mg/L		0.000	0.000	#DIV/0!				
Lead	mg/L		0.000	0.000	#DIV/0!				
Zinc	mg/L		0.000	0.000	#DIV/0!				
Ammonia	mg/L		0.00	0.00	#DIV/0!				
Nitrite	mg/L		0.00	0.00	#DIV/0!				
Nitrate	mg/L		0.00	0.00	#DIV/0!				
Nitrite + Nitrate	mg/L		0.00	0.00	#DIV/0!				
Total Kjeldahl Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Phosphorus	mg/L		0.00	0.00	#DIV/0!				
Reactive Phosphorus	mg/L		0.00	0.00	#DIV/0!				

Benedict Recycling Pty Limited

Aug-21

Newcastle - 1A McIntosh Drive, Mayfield West NSW 2304

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Water Monitoring Requirements:

Grab samples are required to be taken daily during any discharge event.

Location of Monitoring Points:

Monitoring Point 1: Valve controlled outlet chamber and pipeline located within sedimentation pond in north-western corner of the site (see Figure 2.1 in DOC15/0291).

Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples	Sample Date			
Oil and Grease	mg/L	10	0.00	0.00	#DIV/0!	No discharge events during this period			
pH	pH	6.5 - 8.5	0.00	0.00	#DIV/0!				
Total Suspended Solids	mg/L	50	0	0	#DIV/0!				
Turbidity	mg/L	No limits apply, monitoring purposes only	0	0	#DIV/0!				
Aluminium	mg/L		0.00	0.00	#DIV/0!				
Chromium	mg/L		0.000	0.000	#DIV/0!				
Copper	mg/L		0.000	0.000	#DIV/0!				
Lead	mg/L		0.000	0.000	#DIV/0!				
Zinc	mg/L		0.000	0.000	#DIV/0!				
Ammonia	mg/L		0.00	0.00	#DIV/0!				
Nitrite	mg/L		0.00	0.00	#DIV/0!				
Nitrate	mg/L		0.00	0.00	#DIV/0!				
Nitrite + Nitrate	mg/L		0.00	0.00	#DIV/0!				
Total Kjeldahl Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Phosphorus	mg/L		0.00	0.00	#DIV/0!				
Reactive Phosphorus	mg/L		0.00	0.00	#DIV/0!				

Benedict Recycling Pty Limited

Sep-21

Newcastle - 1A McIntosh Drive, Mayfield West NSW 2304

EPA Licence No: 20771

Water Monitoring Requirements:

Grab samples are required to be taken daily during any discharge event.

Location of Monitoring Points:

Monitoring Point 1: Valve controlled outlet chamber and pipeline located within sedimentation pond in north-western corner of the site (see Figure 2.1 in DOC15/0291).

Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples	Sample Date			
Oil and Grease	mg/L	10	0.00	0.00	#DIV/0!	No discharge events during this period			
pH	pH	6.5 - 8.5	0.00	0.00	#DIV/0!				
Total Suspended Solids	mg/L	50	0	0	#DIV/0!				
Turbidity	mg/L	No limits apply, monitoring purposes only	0	0	#DIV/0!				
Aluminium	mg/L		0.00	0.00	#DIV/0!				
Chromium	mg/L		0.000	0.000	#DIV/0!				
Copper	mg/L		0.000	0.000	#DIV/0!				
Lead	mg/L		0.000	0.000	#DIV/0!				
Zinc	mg/L		0.000	0.000	#DIV/0!				
Ammonia	mg/L		0.00	0.00	#DIV/0!				
Nitrite	mg/L		0.00	0.00	#DIV/0!				
Nitrate	mg/L		0.00	0.00	#DIV/0!				
Nitrite + Nitrate	mg/L		0.00	0.00	#DIV/0!				
Total Kjeldahl Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Phosphorus	mg/L		0.00	0.00	#DIV/0!				
Reactive Phosphorus	mg/L		0.00	0.00	#DIV/0!				

Benedict Recycling Pty Limited

Oct-21

Newcastle - 1A McIntosh Drive, Mayfield West NSW 2304

EPA Licence No: 20771

Water Monitoring Requirements:

Grab samples are required to be taken daily during any discharge event.

Location of Monitoring Points:

Monitoring Point 1: Valve controlled outlet chamber and pipeline located within sedimentation pond in north-western corner of the site (see Figure 2.1 in DOC15/0291).

Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples	Sample Date			
Oil and Grease	mg/L	10	0.00	0.00	#DIV/0!	No discharge events during this period			
pH	pH	6.5 - 8.5	0.00	0.00	#DIV/0!				
Total Suspended Solids	mg/L	50	0	0	#DIV/0!				
Turbidity	mg/L	No limits apply, monitoring purposes only	0	0	#DIV/0!				
Aluminium	mg/L		0.00	0.00	#DIV/0!				
Chromium	mg/L		0.000	0.000	#DIV/0!				
Copper	mg/L		0.000	0.000	#DIV/0!				
Lead	mg/L		0.000	0.000	#DIV/0!				
Zinc	mg/L		0.000	0.000	#DIV/0!				
Ammonia	mg/L		0.00	0.00	#DIV/0!				
Nitrite	mg/L		0.00	0.00	#DIV/0!				
Nitrate	mg/L		0.00	0.00	#DIV/0!				
Nitrite + Nitrate	mg/L		0.00	0.00	#DIV/0!				
Total Kjeldahl Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Phosphorus	mg/L		0.00	0.00	#DIV/0!				
Reactive Phosphorus	mg/L		0.00	0.00	#DIV/0!				

Benedict Recycling Pty Limited

Nov-21

Newcastle - 1A McIntosh Drive, Mayfield West NSW 2304

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Monitoring Point 1: Valve controlled outlet chamber and pipeline located within sedimentation pond in north-western corner of the site (see Figure 2.1 in DOC15/0291).

Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples	Sample Date			
Oil and Grease	mg/L	10	0.00	0.00	#DIV/0!	No discharge events during this period			
pH	pH	6.5 - 8.5	0.00	0.00	#DIV/0!				
Total Suspended Solids	mg/L	50	0	0	#DIV/0!				
Turbidity	mg/L	No limits apply, monitoring purposes only	0	0	#DIV/0!				
Aluminium	mg/L		0.00	0.00	#DIV/0!				
Chromium	mg/L		0.000	0.000	#DIV/0!				
Copper	mg/L		0.000	0.000	#DIV/0!				
Lead	mg/L		0.000	0.000	#DIV/0!				
Zinc	mg/L		0.000	0.000	#DIV/0!				
Ammonia	mg/L		0.00	0.00	#DIV/0!				
Nitrite	mg/L		0.00	0.00	#DIV/0!				
Nitrate	mg/L		0.00	0.00	#DIV/0!				
Nitrite + Nitrate	mg/L		0.00	0.00	#DIV/0!				
Total Kjeldahl Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Phosphorus	mg/L		0.00	0.00	#DIV/0!				
Reactive Phosphorus	mg/L		0.00	0.00	#DIV/0!				

Benedict Recycling Pty Limited

Dec-21

Newcastle - 1A McIntosh Drive, Mayfield West NSW 2304

EPA Licence No: 20771

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Location of Monitoring Points:

Monitoring Point 1: Valve controlled outlet chamber and pipeline located within sedimentation pond in north-western corner of the site (see Figure 2.1 in DOC15/0291).

Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples	Sample Date			
Oil and Grease	mg/L	10	0.00	0.00	#DIV/0!	No discharge events during this period			
pH	pH	6.5 - 8.5	0.00	0.00	#DIV/0!				
Total Suspended Solids	mg/L	50	0	0	#DIV/0!				
Turbidity	mg/L	No limits apply, monitoring purposes only	0	0	#DIV/0!				
Aluminium	mg/L		0.00	0.00	#DIV/0!				
Chromium	mg/L		0.000	0.000	#DIV/0!				
Copper	mg/L		0.000	0.000	#DIV/0!				
Lead	mg/L		0.000	0.000	#DIV/0!				
Zinc	mg/L		0.000	0.000	#DIV/0!				
Ammonia	mg/L		0.00	0.00	#DIV/0!				
Nitrite	mg/L		0.00	0.00	#DIV/0!				
Nitrate	mg/L		0.00	0.00	#DIV/0!				
Nitrite + Nitrate	mg/L		0.00	0.00	#DIV/0!				
Total Kjeldahl Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Nitrogen	mg/L		0.0	0.0	#DIV/0!				
Total Phosphorus	mg/L		0.00	0.00	#DIV/0!				
Reactive Phosphorus	mg/L		0.00	0.00	#DIV/0!				