

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!		

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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!	

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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!	

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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!	

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Summary of Results:

Monitoring Point 1:

Pollutant	Unit of Measure	100 Percentile Concentration Limit	Lowest sample value	Highest sample value	Mean of samples	7/05/2024
Oil and Grease	mg/L	10	2.50	2.50	2.50	2.5
pH	pH	6.5 - 8.5	8.50	8.50	8.50	8.5
Total Suspended Solids	mg/L	50	9	9	9	9
Turbidity	mg/L	No limits apply, monitoring purposes only	16	16	16	15.9
Aluminium	mg/L		0.03	0.03	0.03	0.03
Chromium	mg/L		0.002	0.002	0.002	0.002
Copper	mg/L		0.010	0.010	0.010	0.01
Lead	mg/L		0.001	0.001	0.001	0.0005
Zinc	mg/L		0.000	0.000	0.000	0.00025
Ammonia	mg/L		0.18	0.18	0.18	0.18
Nitrite + Nitrate	mg/L		0.67	0.67	0.67	0.67
Total Kjeldahl Nitrogen	mg/L		1.5	1.5	1.5	1.5
Total Nitrogen	mg/L		2.2	2.2	2.2	2.2
Total Phosphorus	mg/L	No limits apply, monitoring purposes only	0.19	0.19	0.19	0.19
Reactive Phosphorus	mg/L		0.01	0.01	0.01	0.005

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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!	

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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!	

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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!	

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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!	

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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!	

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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!	
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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!	