

Licence No: 1580

Link to licence: <http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=29021&SYSUID=1&LICID=1580>

licensee's name: NESTLE AUSTRALIA LTD

licensee's address: Rawson Street Smithtown, NSW 2440

Location of monitoring point: Drain discharging to Macleay River approx. 52m from the northern boundary and marked as "DP001" on drawing titled "Nestle Site Plan" submitted with Licence Information form dated 27/1/00

### Monitoring Period : Jan-16

External Lab Analysis

Sampled: 20/01/2016

Results: 22/01/2016

Monthly Measure	Unit	Sample Frequency	Lower Limit	Upper Limit	Result	Exceed (Y/N)
pH	pH	Monthly	6.5	8.5	8.4	N
TSS	mg/L	Monthly	Lab Result		5	N
TSS (calculated)	kg/day	Monthly	0	24	0.9	N
BOD	mg/L	Monthly	0	20	1.0	N
Oils and Grease	mg/L	Monthly	0	10	2.9	N

Daily Onsite Analysis

Daily Summarised Measure	Unit	Sample Frequency	Upper Limit	Min	Max	Median	Mean	Exceed (Y/N)
Discharge Volume	kL/day	daily	800	132	361	240	238	N
Daily TSS	kg/day	daily	24	0.4	4.9	1.7	2.0	N

mg: milligram

L: Litre

TSS: Total Suspended Solids

kg: kilogram

BOD: Biological Oxygen Demand

kL: kilolitre

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### Monitoring Period :

External Lab Analysis

Sampled: 17/02/2016

Results: 19/02/2016

Monthly Measure	Unit	Sample Frequency	Lower Limit	Upper Limit	Result	Exceed (Y/N)
pH	pH	Monthly	6.5	8.5	8.07	N
TSS	mg/L	Monthly	Lab Result		9	N
TSS (calculated)	kg/day	Monthly	0	24	2.2	N
BOD	mg/L	Monthly	0	20	6	N
Oils and Grease	mg/L	Monthly	0	10	4.1	N

Daily Onsite Analysis

Daily Summarised Measure	Unit	Sample Frequency	Upper Limit	Min	Max	Median	Mean	Exceed (Y/N)
Discharge Volume	kL/day	daily	800	0	346	150	151	N
Daily TSS	kg/day	daily	24	0	20	8.4	8.6	N

mg: milligram

L: Litre

TSS: Total Suspended Solids

kg: kilogram

BOD: Biological Oxygen Demand

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### Monitoring Period :

External Lab Analysis

Sampled: 16/03/2016

Results: 18/03/2016

Monthly Measure	Unit	Sample Frequency	Lower Limit	Upper Limit	Result	Exceed (Y/N)
pH	pH	Monthly	6.5	8.5	8.24	N
TSS	mg/L	Monthly	Lab Result		4	N
TSS (calculated)	kg/day	Monthly	0	24	0.9	N
BOD	mg/L	Monthly	0	20	3	N
Oils and Grease	mg/L	Monthly	0	10	<2	N

Daily Onsite Analysis

Daily Summarised Measure	Unit	Sample Frequency	Upper Limit	Min	Max	Median	Mean	Exceed (Y/N)
Discharge Volume	kL/day	daily	800	75	390	270	262	N
Daily TSS	kg/day	daily	24	0.5	4.9	1.6	1.8	N

mg: milligram

L: Litre

TSS: Total Suspended Solids

kg: kilogram

BOD: Biological Oxygen Demand

kL: kilolitre

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### Monitoring Period :

External Lab Analysis

Sampled: 20/04/2016

Results: 22/04/2016

Monthly Measure	Unit	Sample Frequency	Lower Limit	Upper Limit	Result	Exceed (Y/N)
pH	pH	Monthly	6.5	8.5	8.25	N
TSS	mg/L	Monthly	Lab Result		1	N
TSS (calculated)	kg/day	Monthly	0	24	0.2	N
BOD	mg/L	Monthly	0	20	3	N
Oils and Grease	mg/L	Monthly	0	10	<2	N

Daily Onsite Analysis

Daily Summarised Measure	Unit	Sample Frequency	Upper Limit	Min	Max	Median	Mean	Exceed (Y/N)
Discharge Volume	kL/day	daily	800	75	345	240	235	N
Daily TSS	kg/day	daily	24	0.3	3.5	1.3	1.4	N

mg: milligram

L: Litre

TSS: Total Suspended Solids

kg: kilogram

BOD: Biological Oxygen Demand

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### Monitoring Period :

External Lab Analysis

Sampled: 18/05/2016

Results: 20/05/2016

Monthly Measure	Unit	Sample Frequency	Lower Limit	Upper Limit	Result	Exceed (Y/N)
pH	pH	Monthly	6.5	8.5	8.24	N
TSS	mg/L	Monthly	Lab Result		<1	N
TSS (calculated)	kg/day	Monthly	0	24	0.2	N
BOD	mg/L	Monthly	0	20	1	N
Oils and Grease	mg/L	Monthly	0	10	<2	N

Daily Onsite Analysis

Daily Summarised Measure	Unit	Sample Frequency	Upper Limit	Min	Max	Median	Mean	Exceed (Y/N)
Discharge Volume	kL/day	daily	800	75	375	240	213	N
Daily TSS	kg/day	daily	24	0.1	2.5	0.7	0.9	N

mg: milligram

L: Litre

TSS: Total Suspended Solids

kg: kilogram

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### Monitoring Period :

External Lab Analysis

Sampled: 15/06/2016

Results: 17/06/2016

Monthly Measure	Unit	Sample Frequency	Lower Limit	Upper Limit	Result	Exceed (Y/N)
pH	pH	Monthly	6.5	8.5	8.24	N
TSS	mg/L	Monthly	Lab Result		3	N
TSS (calculated)	kg/day	Monthly	0	24	0.2	N
BOD	mg/L	Monthly	0	20	2	N
Oils and Grease	mg/L	Monthly	0	10	<2	N

Daily Onsite Analysis

Daily Summarised Measure	Unit	Sample Frequency	Upper Limit	Min	Max	Median	Mean	Exceed (Y/N)
Discharge Volume	kL/day	daily	800	75	346	240	233	N
Daily TSS	kg/day	daily	24	0.3	3	1	1.2	N

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L: Litre

TSS: Total Suspended Solids

kg: kilogram

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### Monitoring Period :

External Lab Analysis

Sampled: 20/07/2016

Results: 22/07/2016

Monthly Measure	Unit	Sample Frequency	Lower Limit	Upper Limit	Result	Exceed (Y/N)
pH	pH	Monthly	6.5	8.5	8.15	N
TSS	mg/L	Monthly	Lab Result		9	N
TSS (calculated)	kg/day	Monthly	0	24	1.4	N
BOD	mg/L	Monthly	0	20	8	N
Oils and Grease	mg/L	Monthly	0	10	3.2	N

Daily Onsite Analysis

Daily Summarised Measure	Unit	Sample Frequency	Upper Limit	Min	Max	Median	Mean	Exceed (Y/N)
Discharge Volume	kL/day	daily	800	60	327	225	212	N
Daily TSS	kg/day	daily	24	0.9	7.8	3.5	3.6	N

mg: milligram

L: Litre

TSS: Total Suspended Solids

kg: kilogram

BOD: Biological Oxygen Demand

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### Monitoring Period :

External Lab Analysis

Sampled: 17/08/2016

Results: 19/08/2016

Monthly Measure	Unit	Sample Frequency	Lower Limit	Upper Limit	Result	Exceed (Y/N)
pH	pH	Monthly	6.5	8.5	8.3	N
TSS	mg/L	Monthly	Lab Result		4	N
TSS (calculated)	kg/day	Monthly	0	24	0.6	N
BOD	mg/L	Monthly	0	20	3	N
Oils and Grease	mg/L	Monthly	0	10	<2	N

Daily Onsite Analysis

Daily Summarised Measure	Unit	Sample Frequency	Upper Limit	Min	Max	Median	Mean	Exceed (Y/N)
Discharge Volume	kL/day	daily	800	75	345	226	205.16	N
Daily TSS	kg/day	daily	24	0.3	12.2	2.0	2.6	N

mg: milligram

L: Litre

TSS: Total Suspended Solids

kg: kilogram

BOD: Biological Oxygen Demand

kL: kilolitre



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### Monitoring Period :

External Lab Analysis

Sampled: 21/09/2016

Results: 23/09/2016

Monthly Measure	Unit	Sample Frequency	Lower Limit	Upper Limit	Result	Exceed (Y/N)
pH	pH	Monthly	6.5	8.5	8.33	N
TSS	mg/L	Monthly	Lab Result		11	N
TSS (calculated)	kg/day	Monthly	0	24	1.7	N
BOD	mg/L	Monthly	0	20	1	N
Oils and Grease	mg/L	Monthly	0	10	2.3	N

Daily Onsite Analysis

Daily Summarised Measure	Unit	Sample Frequency	Upper Limit	Min	Max	Median	Mean	Exceed (Y/N)
Discharge Volume	kL/day	daily	800	75	420	188.5	202.9	N
Daily TSS	kg/day	daily	24	0.9	4.1	2.1	2.25	N

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L: Litre

TSS: Total Suspended Solids

kg: kilogram

BOD: Biological Oxygen Demand

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### Monitoring Period :

External Lab Analysis

Sampled: 19/10/2016

Results: 20/10/2016

Monthly Measure	Unit	Sample Frequency	Lower Limit	Upper Limit	Result	Exceed (Y/N)
pH	pH	Monthly	6.5	8.5	8.32	N
TSS	mg/L	Monthly	Lab Result		1	N
TSS (calculated)	kg/day	Monthly	0	24	0.3	N
BOD	mg/L	Monthly	0	20	1	N
Oils and Grease	mg/L	Monthly	0	10	5.2	N

Daily Onsite Analysis

Daily Summarised Measure	Unit	Sample Frequency	Upper Limit	Min	Max	Median	Mean	Exceed (Y/N)
Discharge Volume	kL/day	daily	800	75	346	240	231	N
Daily TSS	kg/day	daily	24	0.3	2.6	0.9	1.1	N

mg: milligram

L: Litre

TSS: Total Suspended Solids

kg: kilogram

BOD: Biological Oxygen Demand

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### Monitoring Period :

External Lab Analysis

Sampled: 16/11/2016

Results: 18/11/2016

Monthly Measure	Unit	Sample Frequency	Lower Limit	Upper Limit	Result	Exceed (Y/N)
pH	pH	Monthly	6.5	8.5	8.38	N
TSS	mg/L	Monthly	Lab Result		2	N
TSS (calculated)	kg/day	Monthly	0	24	0.3	N
BOD	mg/L	Monthly	0	20	1	N
Oils and Grease	mg/L	Monthly	0	10	1.3	N

Daily Onsite Analysis

Daily Summarised Measure	Unit	Sample Frequency	Upper Limit	Min	Max	Median	Mean	Exceed (Y/N)
Discharge Volume	kL/day	daily	800	75	346	240	210	N
Daily TSS	kg/day	daily	24	0.3	2.1	0.7	0.9	N

mg: milligram

L: Litre

TSS: Total Suspended Solids

kg: kilogram

BOD: Biological Oxygen Demand

kL: kilolitre

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### Monitoring Period :

External Lab Analysis

Sampled: 14/12/2016

Results: 15/12/2016

Monthly Measure	Unit	Sample Frequency	Lower Limit	Upper Limit	Result	Exceed (Y/N)
pH	pH	Monthly	6.5	8.5	8.37	N
TSS	mg/L	Monthly	Lab Result		5.0	N
TSS (calculated)	kg/day	Monthly	0	24	1.2	N
BOD	mg/L	Monthly	0	20	1	N
Oils and Grease	mg/L	Monthly	0	10	<2.0	N

Daily Onsite Analysis

Daily Summarised Measure	Unit	Sample Frequency	Upper Limit	Min	Max	Median	Mean	Exceed (Y/N)
Discharge Volume	kL/day	daily	800	75	318	240	219	N
Daily TSS	kg/day	daily	24	0.1	5.9	1.2	1.4	N

mg: milligram

L: Litre

TSS: Total Suspended Solids

kg: kilogram

BOD: Biological Oxygen Demand

kL: kilolitre