ATTACHMENT B

Table 1: Summary of Surface Water Analytical Data - Ammonia

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1	mg/L		0.035	0.027	0.042	<0.005	<0.005	<0.005	<0.005	0.025
WQ2	mg/L		0.033	0.021	0.042	<0.005	<0.005	<0.005	<0.005	0.041
WQ3 (Control)	mg/L		0.045	0.019	0.035	<0.005	<0.005	<0.005	<0.005	0.03
WQ4 (Control)	mg/L		0.031	0.047	0.045	<0.005	<0.005	<0.005	<0.005	0.023
WQ5	mg/L		0.033	0.027	0.044	<0.005	<0.005	<0.005	<0.005	0.02
LIND01	mg/L		0.34	0.75	0.02	<0.01	<0.01	0.03	0.03	0.01
LIND02	mg/L		-	-	-	-	-	-	-	-
LIND03	mg/L		-	-	-	-	-	-	-	-
LIND04	mg/L		-	-	-	-	-	-	-	-
LIND05	mg/L		-	-	-	-	-	-	-	-
LIND06	mg/L		-	-	-	-	-	-	-	-
Duplicate	mg/L		0.31	0.79	0.19	0.1	0.01	0.02	<0.01	0.02
RPD	%		9.23	5.19	161.90	nc	nc	40	100	66.67
Triplicate	mg/L		0.45	0.33	0.37	-	0.04	0.8	0.01	-
RPD	%		36.84	82.14	64.29	-	120	190.24	nc	-

Notes:

Total concentrations in mg/L

DW1 = duplicate of LIND01

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 1: Summary of Surface Water Analytical Data - Ammonia

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1	mg/L		<0.005	0.014	0.018	0.015	0.005	0.006
WQ2	mg/L		<0.005	<0.005	0.022	<0.005	<0.005	0.014
WQ3 (Control)	mg/L		<0.005	0.007	0.017	0.009	<0.005	0.010
WQ4 (Control)	mg/L		<0.005	0.008	0.019	0.006	<0.005	0.012
WQ5	mg/L		<0.005	<0.005	0.023	0.009	<0.005	0.014
LIND01	mg/L		0.03	<0.01	0.03	<0.01	0.02	0.03
LIND02	mg/L		-	0.48	0.02	-	0.06	0.04
LIND03	mg/L		0.09	<0.01	<0.01	0.06	0.10	<0.01
LIND04	mg/L		-	-	0.02	-	0.02	0.03
LIND05	mg/L		0.04	<0.01	0.04	<0.01	0.03	0.02
LIND06	mg/L		-	-	0.03	-	-	<0.01
Duplicate	mg/L		<0.01	<0.01	0.02	<0.01	0.08	0.02
RPD	%		nc	nc	40	nc	120	40
Triplicate	mg/L		-	0.05	0.02	0.02	0.13	0.05
RPD	%		-	133.33	0	66.66	47.62	85.71

Notes:

Total concentrations in mg/L

DW1 = duplicate of LIND01

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 2: Summary of Surface Water Analytical Data - Nitrate + Nitrite

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1	mg/L		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
WQ2	mg/L		0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.007
WQ3 (Control)	mg/L		<0.002	<0.002	<0.002	<0.002	<0.002	0.007	<0.002	0.003
WQ4 (Control)	mg/L		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
WQ5	mg/L		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
LIND01	mg/L		<0.01	<0.01	0.03	<0.01	0.08	<0.01	<0.01	<0.01
LIND02	mg/L		-	-	-	-	-	-	-	-
LIND03	mg/L		-	-	-	-	-	-	-	-
LIND04	mg/L		-	-	-	-	-	-	-	-
LIND05	mg/L		-	-	-	-	-	-	-	-
LIND06	mg/L		-	-	-	-	-	-	-	-
Duplicate	mg/L		<0.01	<0.01	<0.01	<0.01	0.04	<0.01	<0.01	<0.1
RPD	%		nc	nc	nc	nc	66.67	nc	nc	nc
Triplicate	mg/L		0.02	0.04	0.01	-	<0.01	<0.01	<0.01	-
RPD	%		66.66	190.24	nc	-	190.24	nc	nc	-

Notes:

Total concentrations in mg/L

DW1 = duplicate of LIND01

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 2: Summary of Surface Water Analytical Data - Nitrate + Nitrite

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1	mg/L		<0.002	<0.002	0.008	<0.002	0.007	0.011
WQ2	mg/L		<0.002	<0.002	0.010	<0.002	0.008	0.005
WQ3 (Control)	mg/L		<0.002	<0.002	0.010	<0.002	0.010	0.005
WQ4 (Control)	mg/L		<0.002	<0.002	0.010	<0.002	0.007	0.004
WQ5	mg/L		<0.002	<0.002	0.010	<0.002	0.008	<0.002
LIND01	mg/L		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
LIND02	mg/L		-	0.02	0.03	-	0.02	0.01
LIND03	mg/L		0.01	0.01	<0.01	0.04	0.04	0.02
LIND04	mg/L		-	-	<0.01	-	0.95	<0.01
LIND05	mg/L		<0.1	<0.01	<0.01	0.01	0.02	0.02
LIND06	mg/L		-	-	<0.01	-	-	<0.01
Duplicate	mg/L		0.02	<0.01	<0.01	<0.01	<0.01	<0.01
RPD	%		66.66	nc	nc	nc	nc	nc
Triplicate	mg/L		-	<0.01	0.01	<0.01	<0.01	<0.01
RPD	%		-	nc	nc	nc	nc	nc

Notes:

Total concentrations in mg/L

DW1 = duplicate of LIND01

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 3: Summary of Surface Water Analytical Data - Total Nitrogen

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1	ug/L		0.107	0.083	0.08	0.079	0.086	0.103	0.075	0.07
WQ2	ug/L		0.075	0.148	0.084	0.066	0.108	0.11	0.095	0.14
WQ3 (Control)	ug/L		0.067	0.08	0.088	0.063	0.085	0.107	0.055	0.14
WQ4 (Control)	ug/L		0.136	0.094	0.084	0.074	0.113	0.091	0.054	0.07
WQ5	ug/L		0.134	0.084	0.09	0.193	0.11	0.107	0.078	0.07
LIND01	mg/L		0.8	1.3	0.2	1	0.6	0.6	*0.4*	0.3
LIND02	mg/L		-	-	-	-	-	-	-	-
LIND03	mg/L		-	-	-	-	-	-	-	-
LIND04	mg/L		-	-	-	-	-	-	-	-
LIND05	mg/L		-	-	-	-	-	-	-	-
LIND06	mg/L		-	-	-	-	-	-	-	-
Duplicate	mg/L		0.7	1.2	0.6	1.1	0.5	0.4	0.4	0.5
RPD	%		13.33	8	100	9.52	18.18	40	0	50
Triplicate	mg/L		0.8	0.9	1	-	0.6	1.3	0.5	-
RPD	%		13.33	28.57	50	-	18.18	105.88	22.22	-

Notes:

Total concentrations in mg/L

DW1 = duplicate of LIND01

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 3: Summary of Surface Water Analytical Data - Total Nitrogen

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1	ug/L		0.092	0.057	0.081	0.150	0.107	0.053
WQ2	ug/L		0.175	0.034	0.076	0.140	0.074	0.050
WQ3 (Control)	ug/L		0.155	0.047	0.070	0.137	0.087	0.128
WQ4 (Control)	ug/L		0.141	0.026	0.086	0.164	0.095	0.072
WQ5	ug/L		0.122	0.037	0.073	0.193	0.093	0.074
LIND01	mg/L		0.6	0.7	0.8	1.1	0.6	0.7
LIND02	mg/L		-	4	0.5	-	0.9	0.8
LIND03	mg/L		0.5	0.2	0.6	0.5	0.4	1.1
LIND04	mg/L		-	-	0.4		1.6	0.9
LIND05	mg/L		6.8	0.7	0.6	0.4	0.2	0.7
LIND06	mg/L		-	-	0.8	-	-	0.8
Duplicate	mg/L		0.7	0.7	0.6	1.0	0.7	0.8
RPD	%		15.38	0	28.57	9.52	15.38	13.33
Triplicate	mg/L		-	0.8	0.9	0.9	0.8	1.3
RPD	%		-	13.33	40	10.53	13.33	47.62

Notes:

Total concentrations in mg/L

DW1 = duplicate of LIND01

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 4: Summary of Surface Water Analytical Data - Total Phosphorus

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1	ug/L		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
WQ2	ug/L		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.022
WQ3 (Control)	ug/L		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
WQ4 (Control)	ug/L		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
WQ5	ug/L		<0.005	<0.005	<0.005	0.047	<0.005	<0.005	<0.005	<0.005
LIND01	mg/L		<0.01	0.02	<0.01	<0.01	0.1	0.04	*<0.01*	0
LIND02	mg/L		-	-	-	-	-	-	-	-
LIND03	mg/L		-	-	-	-	-	-	-	-
LIND04	mg/L		-	-	-	-	-	-	-	-
LIND05	mg/L		-	-	-	-	-	-	-	-
LIND06	mg/L		-	-	-	-	-	-	-	-
DUPE	mg/L		<0.01	0.02	<0.01	<0.01	0.02	0.02	0.01	0.03
RPD	%		nc	0	nc	nc	133.33	66.67	nc	100
TRIP	mg/L		0.02	0.3	0.03	-	<0.01	0.03	0.6	-
RPD	%		66.66	175	0	-	66.66	40	193.44	-

Notes:

Total concentrations in mg/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 4: Summary of Surface Water Analytical Data - Total Phosphorus

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1	ug/L		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
WQ2	ug/L		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
WQ3 (Control)	ug/L		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
WQ4 (Control)	ug/L		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
WQ5	ug/L		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
LIND01	mg/L		0.04	0.04	0.04	0.09	0.08	0.04
LIND02	mg/L		-	0.33	0.06	-	0.13	0.11
LIND03	mg/L		0.03	0.02	0.05	0.04	0.11	0.10
LIND04	mg/L		-	-	0.07	-	0.34	0.16
LIND05	mg/L		0.46	0.11	0.04	0.02	0.04	0.08
LIND06	mg/L		-	-	0.10	-	-	0.12
DUPE	mg/L		0.04	0.03	0.04	0.04	0.03	0.04
RPD	%		0	28.57	0	76.92	90.91	0
TRIP	mg/L		-	0.33	0.23	0.08	0.07	0.25
RPD	%		-	166.67	140.74	66.67	80	144.83

Notes:

Total concentrations in mg/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 5: Summary of Surface Water Analytical Data - Reactive Phosphorus

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1	mg/L		<0.001	<0.001	<0.001	0.002	<0.001	0.002	<0.001	0.002
WQ2	mg/L		<0.001	<0.001	<0.001	0.002	<0.001	0.002	<0.001	0.029
WQ3 (Control)	mg/L		<0.001	<0.001	0.003	<0.001	<0.001	0.001	<0.001	0.004
WQ4 (Control)	mg/L		0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
WQ5	mg/L		<0.001	<0.001	<0.001	0.008	<0.001	0.001	<0.001	<0.001
LIND01	mg/L		-	-	-	-	-	-	-	-
LIND02	mg/L		-	-	-	-	-	-	-	-
LIND03	mg/L		-	-	-	-	-	-	-	-
LIND04	mg/L		-	-	-	-	-	-	-	-
LIND05	mg/L		-	-	-	-	-	-	-	-
LIND06	mg/L		-	-	-	-	-	-	-	-

Notes:

Total concentrations in mg/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 5: Summary of Surface Water Analytical Data - Reactive Phosphorus

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1	mg/L		<0.001	0.001	0.003	<0.001	<0.001	<0.001
WQ2	mg/L		<0.001	<0.001	0.001	<0.001	<0.001	<0.001
WQ3 (Control)	mg/L		<0.001	0.001	0.002	<0.001	<0.001	<0.001
WQ4 (Control)	mg/L		<0.001	<0.001	0.002	<0.001	<0.001	<0.001
WQ5	mg/L		<0.001	<0.001	0.002	<0.001	<0.001	<0.001
LIND01	mg/L		-	-	-	-	-	-
LIND02	mg/L		-	-	-	-	-	-
LIND03	mg/L		-	-	-	-	-	-
LIND04	mg/L		-	-	-	-	-	-
LIND05	mg/L		-	-	-	-	-	-
LIND06	mg/L		-	-	-	-	-	-

Notes:

Total concentrations in mg/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 6: Summary of Surface Water Analytical Data - Temperature

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1	°C		26.2	22.7	22.5	20.1	20.7	23.3	25.6	27.3
WQ2	°C		26	23	22	20	21	23	26	27
WQ3 (Control)	°C		26.2	23.1	22.5	19.3	20.9	23	26	27.4
WQ4 (Control)	°C		26	23	23	20	21	23	26	27
WQ5	°C		26.2	23.1	22.7	19.5	20.9	23	26.1	27
LIND01	°C		19.8	21.6	19.9	18.9	21.5	23.8	29.2	30
LIND02	°C		-	-	-	-	-	-	-	-
LIND03	°C		-	-	-	-	-	-	-	-
LIND04	°C		-	-	-	-	-	-	-	-
LIND05	°C		-	-	-	-	-	-	-	-
LIND06	°C		-	-	-	-	-	-	-	-

Notes:

Degrees Celcius

Taken in-situ

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 6: Summary of Surface Water Analytical Data - Temperature

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1	°C		27.7	29	26.5	27.8	27	28.5
WQ2	°C		28	29	27	28	27	28
WQ3 (Control)	°C		27.9	28.9	26.9	28	27	28.2
WQ4 (Control)	°C		28	29	27	28	27	28
WQ5	°C		27.9	29.3	26.8	28.2	27.2	28.8
LIND01	°C		30.6	28.5	26.1	32.1	25.4	28.9
LIND02	°C		-	28.5	25.6		25.5	27.1
LIND03	°C		26.9	28.1	26.2	27.1	25.9	27.3
LIND04	°C		-	-	25.3	-	25.7	27.5
LIND05	°C		26.1	27.6	26.1	25.9	25.8	26.7
LIND06	°C		-	-	25.9	-	-	27.2

Notes:

Degrees Celcius

Taken in-situ

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 7: Summary of Surface Water Analytical Data - Dissolved Oxygen %

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1	% Saturation		91.4	76.8	74	86.4	88.8	66.5	61.6	71.2
WQ2	% Saturation		72.9	77.4	78.2	84.3	86.1	59.4	68.9	63
WQ3 (Control)	% Saturation		72.5	75.3	81.1	86.7	90.1	56.5	72	54.6
WQ4 (Control)	% Saturation		69.1	74.2	77.7	88.2	95.7	67.7	65.3	71.1
WQ5	% Saturation		96.6	69.7	83.9	81.3	99.5	58.7	69.3	55.9
LIND01	% Saturation		55.7	58.1	61.89	73.3	77.9	72.1	64.5	57.7
LIND02	% Saturation		-	-	-	-	-	-	-	-
LIND03	% Saturation		-	-	-	-	-	-	-	-
LIND04	% Saturation		-	-	-	-	-	-	-	-
LIND05	% Saturation		-	-	-	-	-	-	-	-
LIND06	% Saturation		-	-	-	-	-	-	-	-

Notes:

% Saturation

Taken in-situ

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 7: Summary of Surface Water Analytical Data - Dissolved Oxygen %

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1	% Saturation		52.5	102	95	53	73	59.1
WQ2	% Saturation		62.7	101	70.7	47.2	71	86.3
WQ3 (Control)	% Saturation		49.3	100	67.8	69.4	69.7	63
WQ4 (Control)	% Saturation		66.4	101	62.2	63.2	86.4	69.9
WQ5	% Saturation		82.1	101	62.9	59	97.2	71.3
LIND01	% Saturation		54	37	40.6	70.7	20.2	70.1
LIND02	% Saturation		-	60	75.3	-	38.9	54.2
LIND03	% Saturation		59.5	98	82.5	56.3	76.1	63.4
LIND04	% Saturation		-	-	100.7	-	89.2	65.6
LIND05	% Saturation		51.99	98	82.2	77.5	93.1	83
LIND06	% Saturation		-	-	79	-	-	77.2

Notes:

% Saturation

Taken in-situ

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Catchment Solutions

Table 8: Summary of Surface Water Analytical Data - Dissolved Oxygen mg/L

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1	mg/L		6.38	5.16	5.05	6.09	-	4.53	4.18	4.66
WQ2	mg/L		5	6	5	6	-	4	5	4
WQ3 (Control)	mg/L		5.06	5.14	5.57	6.33	-	3.84	4.77	3.57
WQ4 (Control)	mg/L		5	5	5	6	-	5	5	5
WQ5	mg/L		6.73	4.77	5.8	5.83	-	3.73	4.65	3.69
LIND01	mg/L		5.21	5.09	5.06	6.71	-	5.84	4.9	4.35
LIND02	mg/L		-	-	-	-	-	-	-	-
LIND03	mg/L		-	-	-	-	-	-	-	-
LIND04	mg/L		-	-	-	-	-	-	-	-
LIND05	mg/L		-	-	-	-	-	-	-	-
LIND06	mg/L		-	-	-	-	-	-	-	-

Notes:

Total concentrations in mg/L

Taken in-situ

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Catchment Solutions

Table 8: Summary of Surface Water Analytical Data - Dissolved Oxygen mg/L

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1	mg/L		3.33	-	6.12	3.38	4.86	3.87
WQ2	mg/L		4	-	5	3	5	6
WQ3 (Control)	mg/L		3.15	-	4.5	4.42	4.56	4.16
WQ4 (Control)	mg/L		4	-	4	4	6	5
WQ5	mg/L		5.27	-	4.22	3.75	6.28	4.66
LIND01	mg/L		4	-	4.06	5.15	1.66	5.39
LIND02	mg/L			-	6.07	-	3.14	4.26
LIND03	mg/L		4.56	-	6.61	4.51	6.31	5.01
LIND04	mg/L			-	8.22		7.57	5.14
LIND05	mg/L		4.16	-	6.55	6.46	7.42	6.6
LIND06	mg/L		-	-	6.35	-	-	6.11

Notes:

Total concentrations in mg/L

Taken in-situ

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 9: Summary of Surface Water Analytical Data - Turbidity NTU

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1			4.1	1.23	0.36	0.7	1.91	8.18	4.57	20.3
WQ2			2	1	0	3	2	2	6	21
WQ3 (Control)			2.2	1.33	0.23	5.55	0.74	2.89	1.8	20.3
WQ4 (Control)			3	1	0	2	2	1	7	21
WQ5			2.3	3.33	0.42	1.48	1.91	3.15		20.9
LIND01			2.1	3.07	1.69	1.81	5.38	6.03	7.65	20.4
LIND02			-	-	-	-	-	-	-	-
LIND03			-	-	-	-	-	-	-	-
LIND04			-	-	-	-	-	-	-	-
LIND05			-	-	-	-	-	-	-	-
LIND06			-	-	-	-	-	-	-	-

Notes:

Total concentrations in mg/L

Taken in-situ

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 9: Summary of Surface Water Analytical Data - Turbidity NTU

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1			21	0	19.98	20.2	43.3	4.61
WQ2			21	20	0	20	9	11
WQ3 (Control)			20.4	0	20.9	20.3	20.4	6.13
WQ4 (Control)			20	24	20	20	10	8
WQ5			20.5	0	19.89	20.1	19.18	4.82
LIND01			22.6	22.2	46.9	36.5	27.8	26.3
LIND02			-	31.5	73.2	-	108	122
LIND03			23.6	27.7	64.8	51.7	32.5	90.7
LIND04			-	-	66	-	62.9	126
LIND05			35.9	28	53.4	38.4	31.3	82
LIND06			-	-	126	-	-	206

Notes:

Total concentrations in mg/L

Taken in-situ

TW1 = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 10: Summary of Surface Water Analytical Data - Total Dissolved Solids

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1	mg/L		42100	36200	37900	38800	37700	41500	40700	35400
WQ2	mg/L		42,500	34,200	36,800	39,500	36,800	40000	41000	32600
WQ3 (Control)	mg/L		41900	33800	38900	38000	35900	41200	23500	37700
WQ4 (Control)	mg/L		42,000	33,300	36,100	39,500	38,200	39100	40300	36800
WQ5	mg/L		42300	35700	35800	41200	37900.0	38900	41700	36100
LIND01	mg/L		91	516	72	80	78	95	80	91
LIND02	mg/L		-	-	-	-	-	-	-	-
LIND03	mg/L		-	-	-	-	-	-	-	-
LIND04	mg/L		-	-	-	-	-	-	-	-
LIND05	mg/L		-	-	-	-	-	-	-	-
LIND06	mg/L		-	-	-	-	-	-	-	-
Duplicate	mg/L		86	80	187	128	90.00	77	86	86
RPD	%		5.65	146.31	88.80	46.15	14.29	20.93	7.23	5.65
Triplicate	mg/L		98	76	82	-	78.00	86	85	-
RPD	%		13.04	5.13	78.07	-	14.29	11.04	1.17	-

Notes:

Total concentrations in mg/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 10: Summary of Surface Water Analytical Data - Total Dissolved Solids

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1	mg/L		29400	37000	35200	38600	38200	39000
WQ2	mg/L		26700	38400	35300	38300	37100	39800
WQ3 (Control)	mg/L		26000	40200	36500	39100	38100	38700
WQ4 (Control)	mg/L		24000	39300	36300	38500	38200	39800
WQ5	mg/L		26200	37900	36100	38700	35600	40700
LIND01	mg/L		76	80	101	161	82	98
LIND02	mg/L		-	162	164	-	314	281
LIND03	mg/L		292	194	134	247	203	261
LIND04	mg/L		-	-	207	-	216	268
LIND05	mg/L		370	361	226	355	333	319
LIND06	mg/L		-	-	240	-	-	448
Duplicate	mg/L		214	118	110	153	109	99
RPD	%		95.17	38.38	8.53	5.10	28.27	1.02
Triplicate	mg/L		-	82	122	132	108	96
RPD	%		-	36.00	10.34	14.74	0.92	3.08

Notes:

Total concentrations in mg/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Catchment Solutions

Table 11: Summary of Surface Water Analytical Data - Total Suspended Solids

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1	mg/L		8	<5	<5	<5	<5	8	<5	9
WQ2	mg/L		15	<5	<5	<5	5	13	<5	<5
WQ3 (Control)	mg/L		<5	<5	<5	<5	<5	<5	<5	<5
WQ4 (Control)	mg/L		12	<5	<5	<5	8	11	7	12
WQ5	mg/L		26	<5	<5	<5	<5	11	<5	<5
LIND01	mg/L		<5	<5	11	<5	<5	19	<5	<5
LIND02	mg/L		-	-	-	-	-	-	-	-
LIND03	mg/L		-	-	-	-	-	-	-	-
LIND04	mg/L		-	-	-	-	-	-	-	-
LIND05	mg/L		-	-	-	-	-	-	-	-
LIND06	mg/L		-	-	-	-	-	-	-	-
Duplicate	mg/L		<5	5	8	<5	<5	<5	<3	-
RPD	%		nc	nc	31.58	nc	nc	116.67	nc	-
Triplicate	mg/L		<5	<5	6	<5	<5	<5	<5	-
RPD	%		nc	nc	28.57	nc	nc	nc	nc	-

Notes:

Total concentrations in mg/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Catchment Solutions

Table 11: Summary of Surface Water Analytical Data - Total Suspended Solids

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1	mg/L		56	<5	<5	<5	<5	<5
WQ2	mg/L		11	5	<5	<5	<5	<5
WQ3 (Control)	mg/L		24	<5	<5	<5	<5	<5
WQ4 (Control)	mg/L		13	<5	<5	<5	<5	<5
WQ5	mg/L		23	<5	<5	<5	<5	<5
LIND01	mg/L		<5	8	8	33	<5	<5
LIND02	mg/L		-	48	<5	-	<5	12
LIND03	mg/L		<3	<5	8	42	11	8
LIND04	mg/L		-	-	<5	-	128	40
LIND05	mg/L		13	38	14	22	10	<5
LIND06	mg/L		-	-	<5	-	-	<5
Duplicate	mg/L		<5	5	<5	14	<5	5
RPD	%		nc	46.15	46.15	80.85	nc	nc
Triplicate	mg/L		-	<5	5	9	6	<5
RPD	%		-	nc	nc	43.48	18.18	nc

Notes:

Total concentrations in mg/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 12: Summary of Surface Water Analytical Data - pH

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1	mg/L		8.23	8.3	7.56	8.17	8	8.18	4	8
WQ2	mg/L		8	8	8	8	8	8.21	6.57	8
WQ3 (Control)	mg/L		8.29	8.35	7.71	7.81	7.94	8.21	7.17	8.2
WQ4 (Control)	mg/L		8	8	7	8	8	8.29	6.23	8.35
WQ5	mg/L		7.86	7.92	7.47	8.09	**7.5**	8.4	6.58	8
LIND01	mg/L		6.35	6.56	6.6	8.33	7.52	8.33	7.26	8.9
LIND02	mg/L		-	-	-	-	-	-	-	-
LIND03	mg/L		-	-	-	-	-	-	-	-
LIND04	mg/L		-	-	-	-	-	-	-	-
LIND05	mg/L		-	-	-	-	-	-	-	-
LIND06	mg/L		-	-	-	-	-	-	-	-

Notes:

Total concentrations in mg/L

Taken in-situ

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 12: Summary of Surface Water Analytical Data - pH

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1	mg/L		8.16	8.17	8.12	7.97	7.97	8.12
WQ2	mg/L		8.22	8.2	7.87	7.83	8.1	8.21
WQ3 (Control)	mg/L		8.2	7.91	error	7.94	8.09	8.25
WQ4 (Control)	mg/L		8.17	8.18	error	7.93	8.16	8.22
WQ5	mg/L		8.06	8.18	8.21	7.83	7.58	7.71
LIND01	mg/L		8.62	7.46	8.41	8.89	5.89	5.63
LIND02	mg/L		-	6.55	8.24	-	5.37	5.63
LIND03	mg/L		-	8.01	7.94	7.57	8.29	8.58
LIND04	mg/L		-	-	9.23	-	8.72	6.24
LIND05	mg/L		-	8.37	8.37	7.61	8.11	8.38
LIND06	mg/L		-	-	8.62	-	-	7.82

Notes:

Total concentrations in mg/L

Taken in-situ

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 13: Summary of Surface Water Analytical Data - Conductivity

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	28/05/2024	20/06/2024	30/07/2024	20/08/2024	24/09/2024	22/10/2025	29/11/2024
WQ1			55358	56580	55063	54012	56122	48928	50390	53450
WQ2			54957	56622	54797	53930	55962	48606	50314	53599
WQ3 (Control)			55199	57076	55058	53146	56057	48659	50883	53826
WQ4 (Control)			55175	56717	55155	53515	55918	48548	50410	53475
WQ5			55347	56778	55320	53588	55986	49304	51042	53512
LIND01			125	158	120	125	142	142	262	380
LIND02			-	-	-	-	-	-	-	-
LIND03			-	-	-	-	-	-	-	-
LIND04			-	-	-	-	-	-	-	-
LIND05			-	-	-	-	-	-	-	-
LIND06			-	-	-	-	-	-	-	-

Notes:

Total concentrations in mg/L

Taken in-situ

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 13: Summary of Surface Water Analytical Data - Conductivity

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	12/12/2024	28/01/2025	10/02/2025	11/03/2025	25/03/2025	3/04/2025
WQ1			56617	53313	48431	59454	49041	49646
WQ2			56902	53317	48320	59486	48699	49149
WQ3 (Control)			56832	52790	49285	59415	48764	48711
WQ4 (Control)			56478	53358	49005	59865	48835	48808
WQ5			57395	53376	48618	60359	49077	49343
LIND01			529	118	114	453	89	81
LIND02			-	1008	132	-	149	115
LIND03			-	1413	130.3	382.3	146.5	385.9
LIND04			-	-	333	-	619	201
LIND05			-	394	202.9	891	556	445.6
LIND06			-	-	212	-	-	165

Notes:

Total concentrations in mg/L

Taken in-situ

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 14: Summary of Surface Water Analytical Data - Microbiological (Thermotolerant Coliforms)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	30/07/2024	22/10/2025	28/01/2025	10/02/2025	3/04/2025
WQ1	mg/L		<1	<1	<1	<10	<1	<10
WQ2	mg/L		<1	<1	<1	<10	8	<10
WQ3 (Control)	mg/L		<1	<1	<1	20	50	<10
WQ4 (Control)	mg/L		<1	<1	86	<10	233	<10
WQ5	mg/L		<1	<1	<1	<10	<1	<10
LIND01	mg/L		93	770	75	309	63	813
LIND02	mg/L		-	-	-	20	63	241
LIND03	mg/L		-	-	-	259	368	>24,196
LIND04	mg/L		-	-	-	-	75	10,112
LIND05	mg/L		-	-	-	>24,196	98	714
LIND06	mg/L		-	-	-	-	63	576
DUPE	mg/L		108	-	75	156	110	588
RPD	%		14.93	-	0	65.81	54.34	32.12

Notes:

Total concentrations in mg/L

Taken in-situ

DUPE = duplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 15: Summary of Surface Water Analytical Data - Microbiological (E.coli)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	30/07/2024	22/10/2025	28/01/2025	10/02/2025	3/04/2025
WQ1	mg/L		214	108	86	<1	238	510
WQ2	mg/L		291	219	<1	<1	153	100
WQ3 (Control)	mg/L		411	261	<1	10	272	1,190
WQ4 (Control)	mg/L		308	435	<1	<10	727	200
WQ5	mg/L		276	1733	10	<10	345	970
LIND01	mg/L		9	770	75	20	74	41
LIND02	mg/L		-	-	-	52	41	253
LIND03	mg/L		-	-	-	243	86	450
LIND04	mg/L		-	-	-	-	31	7,270
LIND05	mg/L		-	-	-	309	74	345
LIND06	mg/L		-	-	-	-	73	695
DUPE	mg/L		9	-	41	63	63	52
RPD	%		0	-	58.62	103.61	16.06	23.66

Notes:

Total concentrations in mg/L

Taken in-situ

DUPE = duplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 16: Summary of Surface Water Analytical Data - Microbiological (Heterotrophic Plate Count)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	30/07/2024	22/10/2025	28/01/2025	10/02/2025	3/04/2025
WQ1	mg/L		20	<1	<1	<10	150	8
WQ2	mg/L		20	50	<1	20	180	12
WQ3 (Control)	mg/L		10	720	<1	<10	280	14
WQ4 (Control)	mg/L		3	110	<1	<10	100	<1
WQ5	mg/L		10	2,050	<1	<10	10	5
LIND01	mg/L		20	310	620	1,320	1,380	1,000
LIND02	mg/L		-	-	-	4,280	880	6,200
LIND03	mg/L		-	-	-	1,090	1,350	2,030
LIND04	mg/L		-	-	-		1,070	>20,000
LIND05	mg/L		-	-	-	4,890	1,960	2,070
LIND06	mg/L		-	-	-		1,500	1,570
DUPE	mg/L		300	-	750	980	1,380	2,350
RPD	%		175	-	18.98	29.57	0	80.60

Notes:

Total concentrations in mg/L

Taken in-situ

DUPE = duplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 17: Summary of Surface Water Analytical Data - Microbiological (Total Coliforms)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limit of Reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	mg/L		488	299	204	63	411	3,640
WQ2	mg/L		649	687	10	31	8	1,830
WQ3 (Control)	mg/L		1,300	1,414	52	<10	1,120	14,670
WQ4 (Control)	mg/L		687	1,733	233	20	2,420	1,200
WQ5	mg/L		435	2,420	31	201	548	4,950
LIND01	mg/L		2,420	5,475	4,106	6,131	8,164	15,531
LIND02	mg/L		-	-	-	1,785	24,196	>24,196
LIND03	mg/L		-	-	-	12,997	24,196	>24,196
LIND04	mg/L		-	-	-	-	75	>24,196
LIND05	mg/L		-	-	-	75	24,196	10,112
LIND06	mg/L		-	-	-	-	17,329	>24,196
DUPE	mg/L		2,790	-	6,488	15,531	9,208	17,329
RPD	%		14.20	-	44.97	86.79	12.02	10.94

Notes:

Total concentrations in mg/L

Taken in-situ

DUPE = duplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 18: Summary of Surface Water Data - Organophosphorus Pesticides (Dichlorvos)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 19: Summary of Surface Water Data - Organophosphorus Pesticides (Demeton-S-methyl)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 20: Summary of Surface Water Data - Organophosphorus Pesticides (Monocrotophos)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	2	<2.0	<2.0	<2.0	<2.0	<0.5	<0.5
WQ2	ug/L	2	<2.0	<2.0	<2.0	<2.0	<0.5	<0.5
WQ3 (Control)	ug/L	2	<2.0	<2.0	<2.0	<2.0	<0.5	<0.5
WQ4 (Control)	ug/L	2	<2.0	<2.0	<2.0	<2.0	<0.5	<0.5
WQ5	ug/L	2	<2.0	<2.0	<2.0	<2.0	<0.5	<0.5
LIND01	ug/L	2	<2.0	<2.0	<2.0	<2.0	<0.5	<0.5
LIND02	ug/L	2	-	-	-	<2.0	<0.5	<0.5
LIND03	ug/L	2	-	-	-	<2.0	<0.5	<0.5
LIND04	ug/L	2	-	-	-	-	<0.5	<0.5
LIND05	ug/L	2	-	-	-	<2.0	<0.5	<0.5
LIND06	ug/L	2	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 21: Summary of Surface Water Data - Organophosphorus Pesticides (Dimethoate)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 22: Summary of Surface Water Data - Organophosphorus Pesticides (Diazinon)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 23: Summary of Surface Water Data - Organophosphorus Pesticides (Chlorpyrifos-methyl)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 24: Summary of Surface Water Data - Organophosphorus Pesticides (Parathion-methyl)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
WQ2	ug/L	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
WQ3 (Control)	ug/L	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
WQ4 (Control)	ug/L	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
WQ5	ug/L	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
LIND01	ug/L	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
LIND02	ug/L	2	-	-	-	<2.0	<2.0	<2.0
LIND03	ug/L	2	-	-	-	<2.0	<2.0	<2.0
LIND04	ug/L	2	-	-	-	-	<2.0	<2.0
LIND05	ug/L	2	-	-	-	<2.0	<2.0	<2.0
LIND06	ug/L	2	-	-	-	-	<2.0	<2.0
DUPE	ug/L	<0.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 25: Summary of Surface Water Data - Organophosphorus Pesticides (Fenthion)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 26: Summary of Surface Water Data - Organophosphorus Pesticides (Malathion)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 27: Summary of Surface Water Data - Organophosphorus Pesticides (Chlorpyrifos)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 28: Summary of Surface Water Data - Organophosphorus Pesticides (Parathion)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
WQ2	ug/L	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
WQ3 (Control)	ug/L	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
WQ4 (Control)	ug/L	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
WQ5	ug/L	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
LIND01	ug/L	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
LIND02	ug/L	2	-	-	-	<2.0	<2.0	<2.0
LIND03	ug/L	2	-	-	-	<2.0	<2.0	<2.0
LIND04	ug/L	2	-	-	-	-	<2.0	<2.0
LIND05	ug/L	2	-	-	-	<2.0	<2.0	<2.0
LIND06	ug/L	2	-	-	-	-	<2.0	<2.0
DUPE	ug/L	<0.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 29: Summary of Surface Water Data - Organophosphorus Pesticides (Pirimphos-ethyl)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 30: Summary of Surface Water Data - Organophosphorus Pesticides (Chlorfenvinphos)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 31: Summary of Surface Water Data - Organophosphorus Pesticides (Bromophos-ethyl)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 32: Summary of Surface Water Data - Organophosphorus Pesticides (Fenamiphos)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 33: Summary of Surface Water Data - Organophosphorus Pesticides (Prothiofos)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 34: Summary of Surface Water Data - Organophosphorus Pesticides (Ethion)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 35: Summary of Surface Water Data - Organophosphorus Pesticides (Carbophenothion)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit

Table 36: Summary of Surface Water Data - Organophosphorus Pesticides (Azinphos Methyl)

Baseline Water Quality Monitoring - April 2024 to March 2025

Project No: J1228

Address: Lindeman Island, Qld

Sample Location	Unit	Limits of reporting	24/04/2024	30/07/2024	22/10/2024	28/01/2025	10/02/2025	3/04/2025
WQ1	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ2	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ3 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ4 (Control)	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
WQ5	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND01	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
LIND02	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND03	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND04	ug/L	<0.5	-	-	-	-	<0.5	<0.5
LIND05	ug/L	<0.5	-	-	-	<0.5	<0.5	<0.5
LIND06	ug/L	<0.5	-	-	-	-	<0.5	<0.5
DUPE	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc
TRIP	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPD	%		nc	nc	nc	nc	nc	nc

Notes:

Total concentrations in ug/L

DUPE = duplicate of LIND01

TRIP = triplicate of LIND01

RPD = relative percent difference of duplicate/triplicate

nc = RPD not calculated, one or both samples below laboratory reportiing limit

< # or ND = analyte(s) not detected in excess of laboratory reporting limit