



Ministry of Marine Resources
GOVERNMENT OF THE COOK ISLANDS



Manihiki Water Quality Field Data
January 2013 - July 2014.
Pearl Support Division
Ministry of Marine Resources
The data enclosed is the property of the Ministry of Marine

Site	Site ID	Sample Date	Probe Order	Sampler	Recorder	Water Temperature	Distance to Shore (m)	Cloud Cover %	Wind Direction	Tide	Current	Surface Conditions	Clarity	Secchi disk (m)	Observations	Entered By	Date Entered	Checked By	Date Checked	Cleaning Comments
Takaniko	1	29-Jan-13	1	Uea/Meti	Meti	28.8		80	E	3	2	2	2		Heavy showers due to Cyclone Garry, High tidal surges from the ocean into lagoon, Early morning showers, over cast day today.	Ngere	29-Jan-13	Tina	31-Jan-13	
Raheia Raro	2	29-Jan-13	2	Uea/Meti	Meti	26.8		65	E	3	2	2	3		Heavy showers due to Cyclone Garry, High tidal surges from the ocean into lagoon, Early morning showers, over cast day today.	Ngere	29-Jan-13	Tina	31-Jan-13	
Moe Akaroro	3	29-Jan-13	3	Uea/Meti	Meti	28.8		90	E	3	2	2	3		Heavy showers due to Cyclone Garry, High tidal surges from the ocean into lagoon, Early morning showers, over cast day today.	Ngere	29-Jan-13	Tina	31-Jan-13	
Ngatoka e Hitu	4	29-Jan-13	4	Uea/Meti	Meti	28.7		90	E	3	2	2	3		Heavy showers due to Cyclone Garry, High tidal surges from the ocean into lagoon, Early morning showers, over cast day today.	Ngere	29-Jan-13	Tina	31-Jan-13	
Monitoring Buoy	5	29-Jan-13	5	Uea/Meti	Meti	28.8		90	E	3	2	2	3		Heavy showers due to Cyclone Garry, High tidal surges from the ocean into lagoon, Early morning showers, over cast day today.	Ngere	29-Jan-13	Tina	31-Jan-13	
Tukao Bay	6	29-Jan-13	6	Uea/Meti	Meti			90	E	3	2	2	2		Heavy showers due to Cyclone Garry, High tidal surges from the ocean into lagoon, Early morning showers, over cast day today.	Ngere	29-Jan-13	Tina	31-Jan-13	
Takaniko	1	26-Feb-13	1	Uea/Meti/Papa Tu	Meti	29.68		60	E	3	2	2	2		mainly fine conditions and some showers during the week, light showers this morning	Teina	1-Mar-13	Ngere	4-Mar-13	
Raheia Raro	2	26-Feb-13	2	Uea/Meti/Papa Tu	Meti	29.61		60	E	3	2	2	3		mainly fine conditions and some showers during the week, light showers this morning	Teina	1-Mar-13	Ngere	4-Mar-13	
Moe Akaroro	3	26-Feb-13	3	Uea/Meti/Papa Tu	Meti	29.29		80	E	3	2	2	3		mainly fine conditions and some showers during the week, light showers this morning	Teina	1-Mar-13	Ngere	4-Mar-13	
Ngatoka e Hitu	4	26-Feb-13	4	Uea/Meti/Papa Tu	Meti	29.58		70	E	3	2	2	3		mainly fine conditions and some showers during the week, light showers this morning	Teina	1-Mar-13	Ngere	4-Mar-13	
Monitoring Buoy	5	26-Feb-13	5	Uea/Meti/Papa Tu	Meti	29.53		50	E	3	2	2	3		mainly fine conditions and some showers during the week, light showers this morning	Teina	1-Mar-13	Ngere	4-Mar-13	
Tukao Bay	6	26-Feb-13	6	Uea/Meti/Papa Tu	Meti	29.47		30	E	3	2	2	2		mainly fine conditions and some showers during the week, light showers this morning	Teina	1-Mar-13	Ngere	4-Mar-13	
Takaniko	1	12-Mar-13	1	Uea	Meti			70	e	3	2	2	2		strong winds with heavy showers end of last week; fine weather today with a moderate breeze from the east	Tina	13-Mar-13	Teina	13-Mar-13	
Raheia Raro	2	12-Mar-13	2	Uea	Meti			70	e	3	2	2	3		strong winds with heavy showers end of last week; fine weather today with a moderate breeze from the east	Tina	13-Mar-13	Teina	13-Mar-13	
Moe Akaroro	3	12-Mar-13	3	Uea	Meti			60	e	3	2	2	3		strong winds with heavy showers end of last week; fine weather today with a moderate breeze from the east	Tina	13-Mar-13	Teina	13-Mar-13	
Ngatoka e Hitu	4	12-Mar-13	4	Uea	Meti			60	e	3	2	2	3		strong winds with heavy showers end of last week; fine weather today with a moderate breeze from the east	Tina	13-Mar-13	Teina	13-Mar-13	
Monitoring Buoy	5	12-Mar-13	5	Uea	Meti			60	e	3	2	2	2		strong winds with heavy showers end of last week; fine weather today with a moderate breeze from the east	Tina	13-Mar-13	Teina	13-Mar-13	
Tukao Bay	6	12-Mar-13	6	Uea	Meti			40	e	3	2	2	2		strong winds with heavy showers end of last week; fine weather today with a moderate breeze from the east	Tina	13-Mar-13	Teina	13-Mar-13	
Takaniko	1	27-Mar-13	1	Uea	Meti			25	e	1	1	3	2		Heavy showers this morning; fine weather during the first half of the week, the later half heavy showers and strong ne-e winds	Tina	2-Apr-13	Ngere	2-Apr-13	
Raheia Raro	2	27-Mar-13	2	Uea	Meti			20	e	1	1	3	3		Heavy showers this morning; fine weather during the first half of the week, the later half heavy showers and strong ne-e winds	Tina	2-Apr-13	Ngere	2-Apr-13	
Moe Akaroro	3	27-Mar-13	3	Uea	Meti			15	e	1	1	3	3		Heavy showers this morning; fine weather during the first half of the week, the later half heavy showers and strong ne-e winds	Tina	2-Apr-13	Ngere	2-Apr-13	
Ngatoka e Hitu	4	27-Mar-13	4	Uea	Meti			10	e	1	1	3	3		Heavy showers this morning; fine weather during the first half of the week, the later half heavy showers and strong ne-e winds	Tina	2-Apr-13	Ngere	2-Apr-13	
Monitoring Buoy	5	27-Mar-13	5	Uea	Meti			10	e	1	1	3	3		Heavy showers this morning; fine weather during the first half of the week, the later half heavy showers and strong ne-e winds	Tina	2-Apr-13	Ngere	2-Apr-13	
Tukao Bay	6	27-Mar-13	6	Uea	Meti			20	e	1	1	3	2		Heavy showers this morning; fine weather during the first half of the week, the later half heavy showers and strong ne-e winds	Tina	2-Apr-13	Ngere	2-Apr-13	
NO SAMPLES FOR APRIL 2013																				
Takaniko	1	2-May-13	1	Uea/Meti	Meti			20	E	1	1	2	2		fine weather right through last week, fine weather this morning (heavy showers Sunday evening till early Monday morning this week)	Teina	3-May-13			
Raheia Raro	2	2-May-13	2	Uea/Meti	Meti			20	E	1	2	2	3		fine weather right through last week, fine weather this morning (heavy showers Sunday evening till early Monday morning this week)	Teina	3-May-13			
Moe Akaroro	3	2-May-13	3	Uea/Meti	Meti			20	E	1	2	2	3		fine weather right through last week, fine weather this morning (heavy showers Sunday evening till early Monday morning this week)	Teina	3-May-13			

Ngatoka e Hitu	4	2-May-13	4	Uea/Meti	Meti				20	E	1	2	2	3	fine weather right through last week, fine weather this morning (heavy showers Sunday evening till early Monday morning this week)	Teina	3-May-13			
Monitoring Buoy	5	2-May-13	5	Uea/Meti	Meti				E		1	2	2	3	fine weather right through last week, fine weather this morning (heavy showers Sunday evening till early Monday morning this week)	Teina	3-May-13			
Tukao Bay	6	2-May-13	6	Uea/Meti	Meti				10	E	1	1	3	2	fine weather right through last week, fine weather this morning (heavy showers Sunday evening till early Monday morning this week)	Teina	3-May-13			
NO SAMPLES FOR JUNE 2013																				
Takaniko	1	16-Jul-13	1	Uea/Meti	Meti	28.45			80	SE	1	3	1	3	11	last week frequent showers with strong winds coming from SE-S; today showers this morning, slightly overcast moderate E winds.	Teina	23-Jul-13	Ngere	25-Jul-13
Rahea Raro	2	16-Jul-13	2	Uea/Meti	Meti	28.44			80	SE	1	3	1	3	12.5	last week frequent showers with strong winds coming from SE-S; today showers this morning, slightly overcast moderate E winds.	Teina	23-Jul-13	Ngere	25-Jul-13
Moe Akaroro	3	16-Jul-13	3	Uea/Meti	Meti	28.38			65	SE	1	3	1	3	10	last week frequent showers with strong winds coming from SE-S; today showers this morning, slightly overcast moderate E winds.	Teina	23-Jul-13	Ngere	25-Jul-13
Ngatoka e Hitu	4	16-Jul-13	4	Uea/Meti	Meti	28.41			80	SE	1	3	1	3	12	last week frequent showers with strong winds coming from SE-S; today showers this morning, slightly overcast moderate E winds.	Teina	23-Jul-13	Ngere	25-Jul-13
Monitoring Buoy	5	16-Jul-13	5	Uea/Meti	Meti	28.41			80	SE	1	3	1	3	13.5	last week frequent showers with strong winds coming from SE-S; today showers this morning, slightly overcast moderate E winds.	Teina	23-Jul-13	Ngere	25-Jul-13
Tukao Bay	6	16-Jul-13	6	Uea/Meti	Meti	28.33			80	SE	1	3	2	2	7	last week frequent showers with strong winds coming from SE-S; today showers this morning, slightly overcast moderate E winds.	Teina	23-Jul-13	Ngere	25-Jul-13
Takaniko	1	13-Aug-13	6	Uea/Tangi/Meti	Meti				90	variable	1	1	3	2	9	LAST WEEK: from Thursday to Sunday, heavy showers at most times, strong winds; TODAY: calm weather this morning with some showers early this morning, rain visible in the distance, light winds	Teina	16-Aug-13		
Rahea Raro	2	13-Aug-13	5	Uea/Tangi/Meti	Meti				90	variable	1	1	3	3	10	LAST WEEK: from Thursday to Sunday, heavy showers at most times, strong winds; TODAY: calm weather this morning with some showers early this morning, rain visible in the distance, light winds	Teina	16-Aug-13		
Moe Akaroro	3	13-Aug-13	4	Uea/Tangi/Meti	Meti				90	variable	1	1	3	3	13	LAST WEEK: from Thursday to Sunday, heavy showers at most times, strong winds; TODAY: calm weather this morning with some showers early this morning, rain visible in the distance, light winds	Teina	16-Aug-13		
Ngatoka e Hitu	4	13-Aug-13	1	Uea/Tangi/Meti	Meti				90	variable	1	1	3	3	11	LAST WEEK: from Thursday to Sunday, heavy showers at most times, strong winds; TODAY: calm weather this morning with some showers early this morning, rain visible in the distance, light winds	Teina	16-Aug-13		
Monitoring Buoy	5	13-Aug-13	2	Uea/Tangi/Meti	Meti				90	variable	1	1	3	2	9	LAST WEEK: from Thursday to Sunday, heavy showers at most times, strong winds; TODAY: calm weather this morning with some showers early this morning, rain visible in the distance, light winds	Teina	16-Aug-13		
Tukao Bay	6	13-Aug-13	3	Uea/Tangi/Meti	Meti				90	variable	1	1	3	2	6	LAST WEEK: from Thursday to Sunday, heavy showers at most times, strong winds; TODAY: calm weather this morning with some showers early this morning, rain visible in the distance, light winds	Teina	16-Aug-13		
Takaniko	1	27-Aug-13	6	Uea/Tangi/Meti	Meti				20	E	1	3	2	3	21.5	LAST WEEK: mainly fine weather with some showers during last week, as well as some calm surface condition too; TODAY: morning showers, cloudy weather				
Rahea Raro	2	27-Aug-13	5	Uea/Tangi/Meti	Meti				30	E	1	3	2	3	15	LAST WEEK: mainly fine weather with some showers during last week, as well as some calm surface condition too; TODAY: morning showers, cloudy weather				
Moe Akaroro	3	27-Aug-13	4	Uea/Tangi/Meti	Meti				40	E	1	3	2	3	51.5	LAST WEEK: mainly fine weather with some showers during last week, as well as some calm surface condition too; TODAY: morning showers, cloudy weather				
Ngatoka e Hitu	4	27-Aug-13	1	Uea/Tangi/Meti	Meti				30	E	1	3	2	3	12	LAST WEEK: mainly fine weather with some showers during last week, as well as some calm surface condition too; TODAY: morning showers, cloudy weather				
Monitoring Buoy	5	27-Aug-13	2	Uea/Tangi/Meti	Meti				25	E	1	3	2	3	24	LAST WEEK: mainly fine weather with some showers during last week, as well as some calm surface condition too; TODAY: morning showers, cloudy weather				
Tukao Bay	6	27-Aug-13	3	Uea/Tangi/Meti	Meti				30	E	1	2	2	2	8.5	LAST WEEK: mainly fine weather with some showers during last week, as well as some calm surface condition too; TODAY: morning showers, cloudy weather				
NO SAMPLES FOR SEPTEMBER 2013																				
Takaniko	1	15-Oct-13	1	Tina	Georgia				100	E	1	1	3	-	-	20m Depth Profile!!! LAST WEEK: lots of rain recently; TODAY: light showers	Tina	17-Oct-13		
Rahea Raro	2	15-Oct-13	2	Tina	Georgia				100	E	1	1	3	-	-	20m Depth Profile!!! LAST WEEK: lots of rain recently; TODAY: light showers	Tina	17-Oct-13		

Moe Akaroro	3	15-Oct-13	3	Tina	Georgia			100	E	1	1	3	-	-	20m Depth Profile!!! LAST WEEK: lots of rain recently; TODAY: light showers	Tina	17-Oct-13				
Ngatoka e Hitu	4	15-Oct-13	4	Tina	Georgia			100	E	1	1	3	-	-	20m Depth Profile!!! LAST WEEK: lots of rain recently; TODAY: light showers	Tina	17-Oct-13				
Monitoring Buoy	5	15-Oct-13	5	Tina	Georgia			100	E	1	1	3	-	-	20m Depth Profile!!! LAST WEEK: lots of rain recently; TODAY: light showers	Tina	17-Oct-13				
Tukao Bay	6	15-Oct-13	6	Tina	Georgia			100	E	1	1	3	-	-	20m Depth Profile!!! LAST WEEK: lots of rain recently; TODAY: light showers	Tina	17-Oct-13				
Takaniko	1	30-Oct-13	1	Uea	Tina			60	E	3	2	2	3	10	20m Depth Profile!!! LAST WEEK: warm, calm, occasional showers; TODAY: choppy, good breeze	Tina	31-Oct-13				
Raheia Raro	2	30-Oct-13	2	Uea	Tina			60	E	3	2	2	3	13.5	20m Depth Profile!!! LAST WEEK: warm, calm, occasional showers; TODAY: choppy, good breeze	Tina	31-Oct-13				
Moe Akaroro	3	30-Oct-13	3	Uea	Tina			60	E	3	2	2	3	13	20m Depth Profile!!! LAST WEEK: warm, calm, occasional showers; TODAY: choppy, good breeze	Tina	31-Oct-13				
Ngatoka e Hitu	4	30-Oct-13	4	Uea	Tina			70	E	3	2	2	3	12	20m Depth Profile!!! LAST WEEK: warm, calm, occasional showers; TODAY: choppy, good breeze	Tina	31-Oct-13				
Monitoring Buoy	5	30-Oct-13	5	Uea	Tina			100	E	3	2	2	2	9.5	20m Depth Profile!!! LAST WEEK: warm, calm, occasional showers; TODAY: choppy, good breeze	Tina	31-Oct-13				
Tukao Bay	6	30-Oct-13	6	Uea	Tina			100	E	3	2	2	3	7	20m Depth Profile!!! LAST WEEK: warm, calm, occasional showers; TODAY: choppy, good breeze	Tina	31-Oct-13				
Takaniko	1	5-Nov-13	1	Uea	Tina			40	NE	3	1	3	3	15	Water samples. LAST WEEK: intermittent showers TODAY: sunny, calm, beautiful	Tina	6-Nov-13				
Raheia Raro	2	5-Nov-13	2	Uea	Tina			40	NE	3	1	3	3	20	Water samples. LAST WEEK: intermittent showers TODAY: sunny, calm, beautiful	Tina	6-Nov-13				
Moe Akaroro	3	5-Nov-13	3	Uea	Tina			40	NE	3	1	3	3	20+	Water samples. LAST WEEK: intermittent showers TODAY: sunny, calm, beautiful	Tina	6-Nov-13				
Ngatoka e Hitu	4	5-Nov-13	4	Uea	Tina			50	NE	3	1	3	3	20+	Water samples. LAST WEEK: intermittent showers TODAY: sunny, calm, beautiful	Tina	6-Nov-13				
Monitoring Buoy	5	5-Nov-13	5	Uea	Tina			50	NE	3	1	3	3	20+	Water samples. LAST WEEK: intermittent showers TODAY: sunny, calm, beautiful	Tina	6-Nov-13				
Tukao Bay	6	5-Nov-13	6	Uea	Tina			50	NE	3	1	3	3	12+	Water samples. LAST WEEK: intermittent showers TODAY: sunny, calm, beautiful	Tina	6-Nov-13				
Takaniko	1	12-Nov-13	1	Uea/Kris	Tina			10	E	2	1	3	3	16	20m Depth Profile!!! LAST WEEK: showers, lots of rain yesterday TODAY: sunny & hot	Tina	12-Nov-13				
Raheia Raro	2	12-Nov-13	2	Uea/Kris	Tina			10	E	2	1	3	3	20+	20m Depth Profile!!! LAST WEEK: showers, lots of rain yesterday TODAY: sunny & hot	Tina	12-Nov-13				
Moe Akaroro	3	12-Nov-13	3	Uea/Kris	Tina			10	E	2	1	3	3	20+	20m Depth Profile!!! LAST WEEK: showers, lots of rain yesterday TODAY: sunny & hot	Tina	12-Nov-13				
Ngatoka e Hitu	4	12-Nov-13	4	Uea/Kris	Tina			10	E	2	1	3	3	20+	20m Depth Profile!!! LAST WEEK: showers, lots of rain yesterday TODAY: sunny & hot	Tina	12-Nov-13				
Monitoring Buoy	5	12-Nov-13	5	Uea/Kris	Tina			10	E	2	1	3	3	20+	20m Depth Profile!!! LAST WEEK: showers, lots of rain yesterday TODAY: sunny & hot	Tina	12-Nov-13				
Tukao Bay	6	12-Nov-13	6	Uea/Kris	Tina			10	E	2	1	3	3	11	20m Depth Profile!!! LAST WEEK: showers, lots of rain yesterday TODAY: sunny & hot	Tina	12-Nov-13				
Takaniko	1	19-Nov-13	1	Uea/Kris	Tina			20	E	3	1	2	3	12	Water samples. LAST WEEK: mostly sunny and hot TODAY: heavy rain yesterday, noticed an algae bloom off the MMR pier; DO membrane malfunctioning	Tina	19-Nov-13				
Raheia Raro	2	19-Nov-13	2	Uea/Kris	Tina			25	E	3	1	2	3	19.5	Water samples. LAST WEEK: mostly sunny and hot TODAY: heavy rain yesterday, noticed an algae bloom off the MMR pier; DO membrane malfunctioning	Tina	19-Nov-13				
Moe Akaroro	3	19-Nov-13	3	Uea/Kris	Tina			25	E	3	1	2	3	20+	Water samples. LAST WEEK: mostly sunny and hot TODAY: heavy rain yesterday, noticed an algae bloom off the MMR pier; DO membrane malfunctioning	Tina	19-Nov-13				
Ngatoka e Hitu	4	19-Nov-13	4	Uea/Kris	Tina			25	E	3	1	2	3	20+	Water samples. LAST WEEK: mostly sunny and hot TODAY: heavy rain yesterday, noticed an algae bloom off the MMR pier; DO membrane malfunctioning	Tina	19-Nov-13				
Monitoring Buoy	5	19-Nov-13	5	Uea/Kris	Tina			25	E	3	1	2	3	19	Water samples. LAST WEEK: mostly sunny and hot TODAY: heavy rain yesterday, noticed an algae bloom off the MMR pier; DO membrane malfunctioning	Tina	19-Nov-13				
Tukao Bay	6	19-Nov-13	6	Uea/Kris	Tina			25	E	3	1	2	3	10	Water samples. LAST WEEK: mostly sunny and hot TODAY: heavy rain yesterday, noticed an algae bloom off the MMR pier; DO membrane malfunctioning	Tina	19-Nov-13				
Takaniko	1	25-Nov-13	1	Sonny/Kris	Tina			50	E	2	2	2	2	9.5	20m Depth Profile. LAST WEEK: showers and a few BIG storms TODAY: choppy, mostly sunny	Tina	27-Nov-13				
Raheia Raro	2	25-Nov-13	2	Sonny/Kris	Tina			50	E	2	2	2	2	3	17	20m Depth Profile. LAST WEEK: showers and a few BIG storms TODAY: choppy, mostly sunny	Tina	27-Nov-13			
Moe Akaroro	3	25-Nov-13	3	Sonny/Kris	Tina			50	E	2	2	2	2	3	14	20m Depth Profile. LAST WEEK: showers and a few BIG storms TODAY: choppy, mostly sunny	Tina	27-Nov-13			

Ngatoka e Hitu	4	25-Nov-13	4	Sonny/Kris	Tina			50	E	2	2	2	3	16	20 m Depth Profile. LAST WEEK: showers and a few BIG storms TODAY: choppy, mostly sunny	Tina	27-Nov-13			
Monitoring Buoy	5	25-Nov-13	5	Sonny/Kris	Tina			50	E	2	2	2	3	12	20 m Depth Profile. LAST WEEK: showers and a few BIG storms TODAY: choppy, mostly sunny	Tina	27-Nov-13			
Tukao Bay	6	25-Nov-13	6	Sonny/Kris	Tina			50	E	2	2	2	2	9	20 m Depth Profile. LAST WEEK: showers and a few BIG storms TODAY: choppy, mostly sunny	Tina	27-Nov-13			
Takaniko	1	3-Dec-13	1	Tangi/Tina	Tina			15	E	2	1	3	3	16	20m Depth Profile. LAST WEEK: calm, hot, sunny conditions TODAY: calm, hot, sunny	Tina	5-Dec-13			
Rahea Raro	2	3-Dec-13	2	Tangi/Tina	Tina			25	E	2	1	3	3	20+	20m Depth Profile. LAST WEEK: calm, hot, sunny conditions TODAY: calm, hot, sunny	Tina	5-Dec-13			
Moe Akaroro	3	3-Dec-13	3	Tangi/Tina	Tina			25	E	2	1	3	3	20+	20m Depth Profile. LAST WEEK: calm, hot, sunny conditions TODAY: calm, hot, sunny	Tina	5-Dec-13			
Ngatoka e Hitu	4	3-Dec-13	4	Tangi/Tina	Tina			25	E	2	1	3	3	18	20m Depth Profile. LAST WEEK: calm, hot, sunny conditions TODAY: calm, hot, sunny	Tina	5-Dec-13			
Monitoring Buoy	5	3-Dec-13	5	Tangi/Tina	Tina			25	E	2	1	3	3	18	20m Depth Profile. LAST WEEK: calm, hot, sunny conditions TODAY: calm, hot, sunny	Tina	5-Dec-13			
Tukao Bay	6	3-Dec-13	6	Tangi/Tina	Tina			25	E	2	1	3	2	7	20m Depth Profile. LAST WEEK: calm, hot, sunny conditions TODAY: calm, hot, sunny	Tina	5-Dec-13			
Takaniko	1	13-Dec-13	1	Tina/Tangi	Tina			90	E	2	3	2	3	10	20m Depth Profile. LAST WEEK: heavy rains, choppy lagoon. TODAY: rain last night	Tina	16-Dec-13			
Rahea Raro	2	13-Dec-13	2	Tina/Tangi	Tina			90	E	2	3	2	3	15	20m Depth Profile. LAST WEEK: heavy rains, choppy lagoon. TODAY: rain last night	Tina	16-Dec-13			
Moe Akaroro	3	13-Dec-13	3	Tina/Tangi	Tina			90	E	2	3	2	3	19	20m Depth Profile. LAST WEEK: heavy rains, choppy lagoon. TODAY: rain last night	Tina	16-Dec-13			
Ngatoka e Hitu	4	13-Dec-13	4	Tina/Tangi	Tina			90	E	2	3	2	3	10	20m Depth Profile. LAST WEEK: heavy rains, choppy lagoon. TODAY: rain last night	Tina	16-Dec-13			
Monitoring Buoy	5	13-Dec-13	5	Tina/Tangi	Tina			90	E	2	3	2	3	12	20m Depth Profile. LAST WEEK: heavy rains, choppy lagoon. TODAY: rain last night	Tina	16-Dec-13			
Tukao Bay	6	13-Dec-13	6	Tina/Tangi	Tina			80	E	2	3	2	2	6	20m Depth Profile. LAST WEEK: heavy rains, choppy lagoon. TODAY: rain last night	Tina	16-Dec-13			
Takaniko	1	18-Dec-13	1	Tina/Wireless	Tina			60	E	2	2	2	3	10	20m Depth Profile. LAST WEEK: occassional showers and some heavy rain TODAY: strong breeze	Tina	18-Dec-13			
Rahea Raro	2	18-Dec-13	2	Tina/Wireless	Tina			50	E	2	2	2	3	12	20m Depth Profile. LAST WEEK: occassional showers and some heavy rain TODAY: strong breeze	Tina	18-Dec-13			
Moe Akaroro	3	18-Dec-13	3	Tina/Wireless	Tina			70	E	2	2	2	3	16	20m Depth Profile. LAST WEEK: occassional showers and some heavy rain TODAY: strong breeze	Tina	18-Dec-13			
Ngatoka e Hitu	4	18-Dec-13	4	Tina/Wireless	Tina			80	E	2	2	2	3	12	20m Depth Profile. LAST WEEK: occassional showers and some heavy rain TODAY: strong breeze	Tina	18-Dec-13			
Monitoring Buoy	5	18-Dec-13	5	Tina/Wireless	Tina			50	E	2	2	2	3	12	20m Depth Profile. LAST WEEK: occassional showers and some heavy rain TODAY: strong breeze	Tina	18-Dec-13			
Tukao Bay	6	18-Dec-13	6	Tina/Wireless	Tina			50	E	2	2	2	2	9	20m Depth Profile. LAST WEEK: occassional showers and some heavy rain TODAY: strong breeze	Tina	18-Dec-13			
Takaniko	1	23-Dec-13	1	Tina/Wireless	Tina			15	E	2	2	3	3	10	20m Depth Profile. LAST WEEK: occasional showers, mostly sunny TODAY: high water level, very large swells today and yesterday	Tina	24-Dec-13			
Rahea Raro	2	23-Dec-13	2	Tina/Wireless	Tina			15	E	2	2	3	3	20+	20m Depth Profile. LAST WEEK: occasional showers, mostly sunny TODAY: high water level, very large swells today and yesterday	Tina	24-Dec-13			
Moe Akaroro	3	23-Dec-13	3	Tina/Wireless	Tina			15	E	2	2	3	3	20+	20m Depth Profile. LAST WEEK: occasional showers, mostly sunny TODAY: high water level, very large swells today and yesterday	Tina	24-Dec-13			
Ngatoka e Hitu	4	23-Dec-13	4	Tina/Wireless	Tina			15	E	2	2	3	3	18	20m Depth Profile. LAST WEEK: occasional showers, mostly sunny TODAY: high water level, very large swells today and yesterday	Tina	24-Dec-13			
Monitoring Buoy	5	23-Dec-13	5	Tina/Wireless	Tina			15	E	2	2	3	3	18	20m Depth Profile. LAST WEEK: occasional showers, mostly sunny TODAY: high water level, very large swells today and yesterday	Tina	24-Dec-13			
Tukao Bay	6	23-Dec-13	6	Tina/Wireless	Tina			15	E	2	1	3	3	12+	20m Depth Profile. LAST WEEK: occasional showers, mostly sunny TODAY: high water level, very large swells today and yesterday	Tina	24-Dec-13			
Takaniko	1	31-Dec-13	1	Tina/Wireless	Tina			20	E	2	3	1	2	9	20m Depth Profile. LAST WEEK: high water in the lagoon, choppy TODAY: choppy, sunny	Tina	3-Jan-13			
Rahea Raro	2	31-Dec-13	2	Tina/Wireless	Tina			20	E	2	3	1	3	13	20m Depth Profile. LAST WEEK: high water in the lagoon, choppy TODAY: choppy, sunny	Tina	3-Jan-13			
Moe Akaroro	3	31-Dec-13	3	Tina/Wireless	Tina			20	E	2	3	1	3	10	20m Depth Profile. LAST WEEK: high water in the lagoon, choppy TODAY: choppy, sunny	Tina	3-Jan-13			
Ngatoka e Hitu	4	31-Dec-13	4	Tina/Wireless	Tina			20	E	2	3	1	3	10	20m Depth Profile. LAST WEEK: high water in the lagoon, choppy TODAY: choppy, sunny	Tina	3-Jan-13			
Monitoring Buoy	5	31-Dec-13	5	Tina/Wireless	Tina			20	E	2	3	1	3	13	20m Depth Profile. LAST WEEK: high water in the lagoon, choppy TODAY: choppy, sunny	Tina	3-Jan-13			
Tukao Bay	6	31-Dec-13	6	Tina/Wireless	Tina			20	E	2	3	2	2	8	20m Depth Profile. LAST WEEK: high water in the lagoon, choppy TODAY: choppy, sunny	Tina	3-Jan-13			

Takaniko	1	15-Jan-14	1	Tina/Tangi	Tina				40	N-E	2	2	2	2	7	20m Depth Profile. LAST WEEK: occasional showers, light to moderate chop in the lagoon TODAY: heavy rain last night, overcast all morning	Tina	20-Jan-14			
Rahea Raro	2	15-Jan-14	2	Tina/Tangi	Tina				40	N-E	2	2	2	3	14	20m Depth Profile. LAST WEEK: occasional showers, light to moderate chop in the lagoon TODAY: heavy rain last night, overcast all morning	Tina	20-Jan-14			
Moe Akaroro	3	15-Jan-14	3	Tina/Tangi	Tina				30	N-E	2	2	2	3	13	20m Depth Profile. LAST WEEK: occasional showers, light to moderate chop in the lagoon TODAY: heavy rain last night, overcast all morning	Tina	20-Jan-14			
Ngatoka e Hitu	4	15-Jan-14	4	Tina/Tangi	Tina				30	N-E	2	2	2	3	14	20m Depth Profile. LAST WEEK: occasional showers, light to moderate chop in the lagoon TODAY: heavy rain last night, overcast all morning	Tina	20-Jan-14			
Monitoring Buoy	5	15-Jan-14	5	Tina/Tangi	Tina				40	N-E	2	2	2	3	13	20m Depth Profile. LAST WEEK: occasional showers, light to moderate chop in the lagoon TODAY: heavy rain last night, overcast all morning	Tina	20-Jan-14			
Tukao Bay	6	15-Jan-14	6	Tina/Tangi	Tina				40	N-E	2	2	3	2	8	20m Depth Profile. LAST WEEK: occasional showers, light to moderate chop in the lagoon TODAY: heavy rain last night, overcast all morning	Tina	20-Jan-14			
Takaniko	1	21-Jan-14	1	Tina/Tangi	Tina				20	E	2	1	3	3	15	20m Depth Profile. LAST WEEK: sunny, occasional showers TODAY: no heavy rain for a few days, lagoon water level high from large swells outside	Tina	21-Jan-14			
Rahea Raro	2	21-Jan-14	2	Tina/Tangi	Tina				20	E	2	1	3	3	20+	20m Depth Profile. LAST WEEK: sunny, occasional showers TODAY: no heavy rain for a few days, lagoon water level high from large swells outside	Tina	21-Jan-14			
Moe Akaroro	3	21-Jan-14	3	Tina/Tangi	Tina				20	E	2	1	3	3	20	20m Depth Profile. LAST WEEK: sunny, occasional showers TODAY: no heavy rain for a few days, lagoon water level high from large swells outside	Tina	21-Jan-14			
Ngatoka e Hitu	4	21-Jan-14	4	Tina/Tangi	Tina				20	E	2	1	3	3	20+	20m Depth Profile. LAST WEEK: sunny, occasional showers TODAY: no heavy rain for a few days, lagoon water level high from large swells outside	Tina	21-Jan-14			
Monitoring Buoy	5	21-Jan-14	5	Tina/Tangi	Tina				20	E	2	1	3	3	18	20m Depth Profile. LAST WEEK: sunny, occasional showers TODAY: no heavy rain for a few days, lagoon water level high from large swells outside	Tina	21-Jan-14			
Tukao Bay	6	21-Jan-14	6	Tina/Tangi	Tina				30	E	2	1	3	3	10	20m Depth Profile. LAST WEEK: sunny, occasional showers TODAY: no heavy rain for a few days, lagoon water level high from large swells outside	Tina	21-Jan-14			
Takaniko	1	28-Jan-14	1	Tina/Tangi/Kris	Tina				30		2	1	3	3	15	20m Depth Profile. LAST WEEK: heavy rain, many overcast days. TODAY: sunny and hot	Tina	28-Jan-14			
Rahea Raro	2	28-Jan-14	2	Tina/Tangi/Kris	Tina				30		2	1	3	3	17	20m Depth Profile. LAST WEEK: heavy rain, many overcast days. TODAY: sunny and hot	Tina	28-Jan-14			
Moe Akaroro	3	28-Jan-14	3	Tina/Tangi/Kris	Tina				30		2	1	3	3	19	20m Depth Profile. LAST WEEK: heavy rain, many overcast days. TODAY: sunny and hot	Tina	28-Jan-14			
Ngatoka e Hitu	4	28-Jan-14	4	Tina/Tangi/Kris	Tina				30		2	1	3	3	18	20m Depth Profile. LAST WEEK: heavy rain, many overcast days. TODAY: sunny and hot	Tina	28-Jan-14			
Monitoring Buoy	5	28-Jan-14	5	Tina/Tangi/Kris	Tina				40		2	1	3	3	15	20m Depth Profile. LAST WEEK: heavy rain, many overcast days. TODAY: sunny and hot	Tina	28-Jan-14			
Tukao Bay	6	28-Jan-14	6	Tina/Tangi/Kris	Tina				40		2	1	3	2	8	20m Depth Profile. LAST WEEK: heavy rain, many overcast days. TODAY: sunny and hot	Tina	28-Jan-14			
Takaniko	1	4-Feb-14	1	Tina/Tangi/Kris	Tina				10		2	1	3	3	15	20m Depth Profile. LAST WEEK: calm, occasional rain TODAY: Yesterday and today lagoon glassy calm, no breeze	Tina	10-Feb-14			
Rahea Raro	2	4-Feb-14	2	Tina/Tangi/Kris	Tina				10		2	1	3	3	18	20m Depth Profile. LAST WEEK: calm, occasional rain TODAY: Yesterday and today lagoon glassy calm, no breeze	Tina	10-Feb-14			
Moe Akaroro	3	4-Feb-14	3	Tina/Tangi/Kris	Tina				10		2	1	3	3	19	20m Depth Profile. LAST WEEK: calm, occasional rain TODAY: Yesterday and today lagoon glassy calm, no breeze	Tina	10-Feb-14			
Ngatoka e Hitu	4	4-Feb-14	4	Tina/Tangi/Kris	Tina				10		2	1	3	3	19	20m Depth Profile. LAST WEEK: calm, occasional rain TODAY: Yesterday and today lagoon glassy calm, no breeze	Tina	10-Feb-14			
Monitoring Buoy	5	4-Feb-14	5	Tina/Tangi/Kris	Tina				10		2	1	3	3	18	20m Depth Profile. LAST WEEK: calm, occasional rain TODAY: Yesterday and today lagoon glassy calm, no breeze	Tina	10-Feb-14			
Tukao Bay	6	4-Feb-14	6	Tina/Tangi/Kris	Tina				10		2	1	3	3	12	20m Depth Profile. LAST WEEK: calm, occasional rain TODAY: Yesterday and today lagoon glassy calm, no breeze	Tina	10-Feb-14			
Takaniko	1	11-Feb-14	1	Tina/Tangi/Kris	Tina				30		2	1	3	3	12	20m Depth Profile. LAST WEEK: lagoon very calm, many hot sunny days with little breeze. Occasional light showers. TODAY: hot, sunny, calm	Tina	11-Feb-14			
Rahea Raro	2	11-Feb-14	2	Tina/Tangi/Kris	Tina				30		2	1	3	3	14	20m Depth Profile. LAST WEEK: lagoon very calm, many hot sunny days with little breeze. Occasional light showers. TODAY: hot, sunny, calm	Tina	11-Feb-14			
Moe Akaroro	3	11-Feb-14	3	Tina/Tangi/Kris	Tina				30		2	1	3	3	18	20m Depth Profile. LAST WEEK: lagoon very calm, many hot sunny days with little breeze. Occasional light showers. TODAY: hot, sunny, calm	Tina	11-Feb-14			

Ngatoka e Hitu	4	11-Feb-14	4	Tina/Tangi/Kris	Tina			30		2	1	3	3	15	20m Depth Profile. LAST WEEK: lagoon very calm, many hot sunny days with little breeze. Occasional light showers. TODAY: hot, sunny, calm	Tina	11-Feb-14			
Monitoring Buoy	5	11-Feb-14	5	Tina/Tangi/Kris	Tina			30		2	1	3	3	19	20m Depth Profile. LAST WEEK: lagoon very calm, many hot sunny days with little breeze. Occasional light showers. TODAY: hot, sunny, calm	Tina	11-Feb-14			
Tukao Bay	6	11-Feb-14	6	Tina/Tangi/Kris	Tina			30		2	1	3	3	12+	20m Depth Profile. LAST WEEK: lagoon very calm, many hot sunny days with little breeze. Occasional light showers. TODAY: hot, sunny, calm	Tina	11-Feb-14			
Takaniko	1	25-Feb-14	1	Tangi/Kris	Tina			50		2	2	2	2	8	Water Samples (not processed). LAST WEEK: choppy lagoon, oysters spawning, many overcast days with occasional rain. TODAY: choppy	Tina	26-Feb-14			
Rahea Raro	2	25-Feb-14	2	Tangi/Kris	Tina			50		2	2	2	3	10.5	Water Samples (not processed). LAST WEEK: choppy lagoon, oysters spawning, many overcast days with occasional rain. TODAY: choppy	Tina	26-Feb-14			
Moe Akaroro	3	25-Feb-14	3	Tangi/Kris	Tina			50		2	2	2	2	9.5	Water Samples (not processed). LAST WEEK: choppy lagoon, oysters spawning, many overcast days with occasional rain. TODAY: choppy	Tina	26-Feb-14			
Ngatoka e Hitu	4	25-Feb-14	4	Tangi/Kris	Tina			40		2	2	2	2	9.5	Water Samples (not processed). LAST WEEK: choppy lagoon, oysters spawning, many overcast days with occasional rain. TODAY: choppy	Tina	26-Feb-14			
Monitoring Buoy	5	25-Feb-14	5	Tangi/Kris	Tina			40		2	2	2	2	10	Water Samples (not processed). LAST WEEK: choppy lagoon, oysters spawning, many overcast days with occasional rain. TODAY: choppy	Tina	26-Feb-14			
Tukao Bay	6	25-Feb-14	6	Tangi/Kris	Tina			50		2	2	2	2	5.5	Water Samples (not processed). LAST WEEK: choppy lagoon, oysters spawning, many overcast days with occasional rain. TODAY: choppy	Tina	26-Feb-14			
Takaniko	1	6-Mar-14	1	Tina/Kris	Tina			100 N		2	2	2	3	11.5	20m Depth Profile. LAST WEEK: sunny, hot, dry, calm TODAY: large swells outside last couple days, water levels high, heavy rain last night	Tina	10-Mar-14			
Rahea Raro	2	6-Mar-14	2	Tina/Kris	Tina			100 N		2	2	2	3	17	20m Depth Profile. LAST WEEK: sunny, hot, dry, calm TODAY: large swells outside last couple days, water levels high, heavy rain last night	Tina	10-Mar-14			
Moe Akaroro	3	6-Mar-14	3	Tina/Kris	Tina			100 N		2	2	2	3	14.5	20m Depth Profile. LAST WEEK: sunny, hot, dry, calm TODAY: large swells outside last couple days, water levels high, heavy rain last night	Tina	10-Mar-14			
Ngatoka e Hitu	4	6-Mar-14	4	Tina/Kris	Tina			100 N		2	2	2	3	15	20m Depth Profile. LAST WEEK: sunny, hot, dry, calm TODAY: large swells outside last couple days, water levels high, heavy rain last night	Tina	10-Mar-14			
Monitoring Buoy	5	6-Mar-14	5	Tina/Kris	Tina			100 N		2	2	2	3	13.5	20m Depth Profile. LAST WEEK: sunny, hot, dry, calm TODAY: large swells outside last couple days, water levels high, heavy rain last night	Tina	10-Mar-14			
Tukao Bay	6	6-Mar-14	6	Tina/Kris	Tina			100 N		2	2	2	3	11.5	20m Depth Profile. LAST WEEK: sunny, hot, dry, calm TODAY: large swells outside last couple days, water levels high, heavy rain last night	Tina	10-Mar-14			
Takaniko	1	11-Mar-14	1	Tangi/Kris	Tina			100 NE		2	3	1	2	7	20m Depth Profile. LAST WEEK: overcast, windy, rainy TODAY: overcast, windy, rainy	Tina	12-Mar-14			
Rahea Raro	2	11-Mar-14	2	Tangi/Kris	Tina			100 NE		2	3	1	3	13	20m Depth Profile. LAST WEEK: overcast, windy, rainy TODAY: overcast, windy, rainy	Tina	12-Mar-14			
Moe Akaroro	3	11-Mar-14	3	Tangi/Kris	Tina			100 NE		2	3	1	3	13.5	20m Depth Profile. LAST WEEK: overcast, windy, rainy TODAY: overcast, windy, rainy	Tina	12-Mar-14			
Ngatoka e Hitu	4	11-Mar-14	4	Tangi/Kris	Tina			100 NE		2	3	1	3	14	20m Depth Profile. LAST WEEK: overcast, windy, rainy TODAY: overcast, windy, rainy	Tina	12-Mar-14			
Monitoring Buoy	5	11-Mar-14	5	Tangi/Kris	Tina			100 NE		2	3	1	3	13	20m Depth Profile. LAST WEEK: overcast, windy, rainy TODAY: overcast, windy, rainy	Tina	12-Mar-14			
Tukao Bay	6	11-Mar-14	6	Tangi/Kris	Tina			100 NE		2	3	1	2	5.5	20m Depth Profile. LAST WEEK: overcast, windy, rainy TODAY: overcast, windy, rainy	Tina	12-Mar-14			
Takaniko	1	27-Mar-14	1	Kris/Wireless/Uea	Kris			60		2	1	3	3	17	20m Depth Profile	Tina	24-Apr-14			
Rahea Raro	2	27-Mar-14	2	Kris/Wireless/Uea	Kris			60		2	1	3	3	19	20m Depth Profile	Tina	24-Apr-14			
Moe Akaroro	3	27-Mar-14	3	Kris/Wireless/Uea	Kris			70		2	1	3	3	20+	20m Depth Profile	Tina	24-Apr-14			
Ngatoka e Hitu	4	27-Mar-14	4	Kris/Wireless/Uea	Kris			80		2	1	3	3	19.5	20m Depth Profile	Tina	24-Apr-14			
Monitoring Buoy	5	27-Mar-14	5	Kris/Wireless/Uea	Kris			80		2	1	3	3	20+	20m Depth Profile	Tina	24-Apr-14			
Tukao Bay	6	27-Mar-14	6	Kris/Wireless/Uea	Kris			80		2	1	3	3	10	20m Depth Profile	Tina	24-Apr-14			
Takaniko	1	1-Apr-14	1	Kris/Wireless/Uea	Kris			25		2	1	3	3	17	20m Depth Profile	Tina	24-Apr-14			
Rahea Raro	2	1-Apr-14	2	Kris/Wireless/Uea	Kris			25		2	1	3	3	20+	20m Depth Profile	Tina	24-Apr-14			
Moe Akaroro	3	1-Apr-14	3	Kris/Wireless/Uea	Kris			20		2	1	3	3	20+	20m Depth Profile	Tina	24-Apr-14			
Ngatoka e Hitu	4	1-Apr-14	4	Kris/Wireless/Uea	Kris			20		2	1	3	3	20+	20m Depth Profile	Tina	24-Apr-14			
Monitoring Buoy	5	1-Apr-14	5	Kris/Wireless/Uea	Kris			15		2	1	3	3	20+	20m Depth Profile	Tina	24-Apr-14			

Tukao Bay	6	1-Apr-14	6	Kris/Wireless/Uea	Kris			10	2	1	3	3	12	20m Depth Profile	Tina	24-Apr-14		
Takaniko	1	8-Apr-14	1	Kris/Wireless/Uea	Kris			15	2	1	2	2	12	Water Samples	Tina	24-Apr-14		
Rahea Raro	2	8-Apr-14	2	Kris/Wireless/Uea	Kris			15	2	1	2	2	18	Water Samples	Tina	24-Apr-14		
Moe Akaroro	3	8-Apr-14	3	Kris/Wireless/Uea	Kris			10	2	1	3	3	17	Water Samples	Tina	24-Apr-14		
Ngatoka e Hitu	4	8-Apr-14	4	Kris/Wireless/Uea	Kris			10	2	1	3	3	20	Water Samples	Tina	24-Apr-14		
Monitoring Buoy	5	8-Apr-14	5	Kris/Wireless/Uea	Kris			10	2	1	3	3	15	Water Samples	Tina	24-Apr-14		
Tukao Bay	6	8-Apr-14	6	Kris/Wireless/Uea	Kris			10	2	1	3	2	8	Water Samples	Tina	24-Apr-14		
Takaniko	1	16-Apr-14	1	Kris/Wireless/Uea	Kris			20	2	1	3	3	13	20m Depth Profile	Tina	24-Apr-14		
Rahea Raro	2	16-Apr-14	2	Kris/Wireless/Uea	Kris			25	2	1	3	3	20+	20m Depth Profile	Tina	24-Apr-14		
Moe Akaroro	3	16-Apr-14	3	Kris/Wireless/Uea	Kris			30	2	1	3	3	20+	20m Depth Profile	Tina	24-Apr-14		
Ngatoka e Hitu	4	16-Apr-14	4	Kris/Wireless/Uea	Kris			30	2	1	3	3	15	20m Depth Profile	Tina	24-Apr-14		
Monitoring Buoy	5	16-Apr-14	5	Kris/Wireless/Uea	Kris			30	2	1	3	3	18	20m Depth Profile	Tina	24-Apr-14		
Tukao Bay	6	16-Apr-14	6	Kris/Wireless/Uea	Kris			25	2	1	3	3	13	20m Depth Profile	Tina	24-Apr-14		
Takaniko	1	22-Apr-14	1	Kris/Wireless/Uea	Kris			15	2	1	3	3	16.5	Water Samples	Tina	24-Apr-14		
Rahea Raro	2	22-Apr-14	2	Kris/Wireless/Uea	Kris			15	2	1	3	3	20+	Water Samples	Tina	24-Apr-14		
Moe Akaroro	3	22-Apr-14	3	Kris/Wireless/Uea	Kris			20	2	1	3	3	20+	Water Samples	Tina	24-Apr-14		
Ngatoka e Hitu	4	22-Apr-14	4	Kris/Wireless/Uea	Kris			20	2	1	3	3	20+	Water Samples	Tina	24-Apr-14		
Monitoring Buoy	5	22-Apr-14	5	Kris/Wireless/Uea	Kris			15	2	1	3	3	20+	Water Samples	Tina	24-Apr-14		
Tukao Bay	6	22-Apr-14	6	Kris/Wireless/Uea	Kris			15	2	1	3	3	12	Water Samples	Tina	24-Apr-14		
Takaniko	1	29-Apr-14	1	Wireless/Kris	Tina			100	2	1	3	3	13	20m Depth Profile LAST WEEK: hot, little rain TODAY: brief heavy rain early this morning, overcast all day	Tina	1-May-14		
Rahea Raro	2	29-Apr-14	2	Wireless/Kris	Tina			100	2	1	3	3	20+	20m Depth Profile LAST WEEK: hot, little rain TODAY: brief heavy rain early this morning, overcast all day	Tina	1-May-14		
Moe Akaroro	3	29-Apr-14	3	Wireless/Kris	Tina			100	2	1	3	3	18	20m Depth Profile LAST WEEK: hot, little rain TODAY: brief heavy rain early this morning, overcast all day	Tina	1-May-14		
Ngatoka e Hitu	4	29-Apr-14	4	Wireless/Kris	Tina			100	2	1	3	3	15	20m Depth Profile LAST WEEK: hot, little rain TODAY: brief heavy rain early this morning, overcast all day	Tina	1-May-14		
Monitoring Buoy	5	29-Apr-14	5	Wireless/Kris	Tina			100	2	1	3	3	20+	20m Depth Profile LAST WEEK: hot, little rain TODAY: brief heavy rain early this morning, overcast all day	Tina	1-May-14		
Tukao Bay	6	29-Apr-14	6	Wireless/Kris	Tina			100	2	1	3	3	12+	20m Depth Profile LAST WEEK: hot, little rain TODAY: brief heavy rain early this morning, overcast all day	Tina	1-May-14		
Takaniko	1	8-May-14	1	Wireless/Kris	Tina			75	2	1	3	3	11		Tina	23-May-14		
Rahea Raro	2	8-May-14	2	Wireless/Kris	Tina			75	2	1	3	3	14		Tina	23-May-14		
Moe Akaroro	3	8-May-14	3	Wireless/Kris	Tina			75	2	1	3	3	20		Tina	23-May-14		
Ngatoka e Hitu	4	8-May-14	4	Wireless/Kris	Tina			50	2	1	3	3	16		Tina	23-May-14		
Monitoring Buoy	5	8-May-14	5	Wireless/Kris	Tina			45	2	1	3	3	16		Tina	23-May-14		
Tukao Bay	6	8-May-14	6	Wireless/Kris	Tina			45	2	1	3	3	11		Tina	23-May-14		
Takaniko	1	20-May-14	1	Wireless/Kris	Tina			100	2	2	2	2	2	LAST WEEK: hot and dry, little rain but windy and choppy lagoon TODAY: overcast and raining	Tina	23-May-14		
Rahea Raro	2	20-May-14	2	Wireless/Kris	Tina			100	2	2	2	2	3	13.5 LAST WEEK: hot and dry, little rain but windy and choppy lagoon TODAY: overcast and raining	Tina	23-May-14		
Moe Akaroro	3	20-May-14	3	Wireless/Kris	Tina			100	2	2	2	2	3	11 LAST WEEK: hot and dry, little rain but windy and choppy lagoon TODAY: overcast and raining	Tina	23-May-14		
Ngatoka e Hitu	4	20-May-14	4	Wireless/Kris	Tina			100	2	2	2	2	3	10 LAST WEEK: hot and dry, little rain but windy and choppy lagoon TODAY: overcast and raining	Tina	23-May-14		
Monitoring Buoy	5	20-May-14	5	Wireless/Kris	Tina			100	2	2	2	2	3	13 LAST WEEK: hot and dry, little rain but windy and choppy lagoon TODAY: overcast and raining	Tina	23-May-14		
Tukao Bay	6	20-May-14	6	Wireless/Kris	Tina			100	2	2	2	2	2	9 LAST WEEK: hot and dry, little rain but windy and choppy lagoon TODAY: overcast and raining	Tina	23-May-14		
Takaniko	1	27-May-14	1	Nimeti/Kris	Tina			20	2	2	2	2	3	12 LAST WEEK: occasional rain, cool, choppy lagoon, windy TODAY: lagoon calming down, wind weakening	Tina	13-Jun-14		
Rahea Raro	2	27-May-14	2	Nimeti/Kris	Tina			20	2	2	2	2	3	17 LAST WEEK: occasional rain, cool, choppy lagoon, windy TODAY: lagoon calming down, wind weakening	Tina	13-Jun-14		
Moe Akaroro	3	27-May-14	3	Nimeti/Kris	Tina			30	2	1	3	3	18	LAST WEEK: occasional rain, cool, choppy lagoon, windy TODAY: lagoon calming down, wind weakening	Tina	13-Jun-14		
Ngatoka e Hitu	4	27-May-14	4	Nimeti/Kris	Tina			20	2	1	2	3	14	LAST WEEK: occasional rain, cool, choppy lagoon, windy TODAY: lagoon calming down, wind weakening	Tina	13-Jun-14		
Monitoring Buoy	5	27-May-14	5	Nimeti/Kris	Tina			20	2	2	2	3	14	LAST WEEK: occasional rain, cool, choppy lagoon, windy TODAY: lagoon calming down, wind weakening	Tina	13-Jun-14		
Tukao Bay	6	27-May-14	6	Nimeti/Kris	Tina			20	2	1	3	3	10	LAST WEEK: occasional rain, cool, choppy lagoon, windy TODAY: lagoon calming down, wind weakening	Tina	13-Jun-14		
Takaniko	1	10-Jun-14	1	Wireless/Kris/Nimeti	Tina			20	2	1	3	3	16	LAST WEEK: very dry, no rain, sunny days TODAY: short, heavy rain last night	Tina	13-Jun-14		
Rahea Raro	2	10-Jun-14	2	Wireless/Kris/Nimeti	Tina			20	2	1	3	3	20+	LAST WEEK: very dry, no rain, sunny days TODAY: short, heavy rain last night	Tina	13-Jun-14		

Moe Akaroro	3	10-Jun-14	3	Wireless/Kris/Nimeti	Tina				10		2	1	3	3	19	LAST WEEK: very dry, no rain, sunny days TODAY: short, heavy rain last night	Tina	13-Jun-14			
Ngatoka e Hitu	4	10-Jun-14	4	Wireless/Kris/Nimeti	Tina				10		2	1	3	3	20+	LAST WEEK: very dry, no rain, sunny days TODAY: short, heavy rain last night	Tina	13-Jun-14			
Monitoring Buoy	5	10-Jun-14	5	Wireless/Kris/Nimeti	Tina				10		2	1	3	3	20+	LAST WEEK: very dry, no rain, sunny days TODAY: short, heavy rain last night	Tina	13-Jun-14			
Tukao Bay	6	10-Jun-14	6	Wireless/Kris/Nimeti	Tina				5		2	1	3	3	14	LAST WEEK: very dry, no rain, sunny days TODAY: short, heavy rain last night	Tina	13-Jun-14			
Takaniko	1	17-Jun-14	1	Kris/Tina	Tina				50		2	3	1	3	11	LAST WEEK: dry, cool, sunny, windy. Very little rain, choppy lagoon TODAY: choppy lagoon	Tina	27-Jun-14			
Rahea Raro	2	17-Jun-14	2	Kris/Tina	Tina				70		2	3	1	3	15.5	LAST WEEK: dry, cool, sunny, windy. Very little rain, choppy lagoon TODAY: choppy lagoon	Tina	27-Jun-14			
Moe Akaroro	3	17-Jun-14	3	Kris/Tina	Tina				70		2	3	1	3	18	LAST WEEK: dry, cool, sunny, windy. Very little rain, choppy lagoon TODAY: choppy lagoon	Tina	27-Jun-14			
Ngatoka e Hitu	4	17-Jun-14	4	Kris/Tina	Tina				70		2	3	1	3	14.5	LAST WEEK: dry, cool, sunny, windy. Very little rain, choppy lagoon TODAY: choppy lagoon	Tina	27-Jun-14			
Monitoring Buoy	5	17-Jun-14	5	Kris/Tina	Tina				70		2	3	1	3	14	LAST WEEK: dry, cool, sunny, windy. Very little rain, choppy lagoon TODAY: choppy lagoon	Tina	27-Jun-14			
Tukao Bay	6	17-Jun-14	6	Kris/Tina	Tina				70		2	3	1	2	8.5	TODAY: choppy lagoon	Tina	27-Jun-14			
Takaniko	1	24-Jun-14	1	Wireless/Kris	Kris				10 East		2	1	3	3	14	LAST WEEK: windy, choppy lagoon, sunny, little rain TODAY: wind calmed yesterday, lagoon calming	Tina	27-Jun-14			
Rahea Raro	2	24-Jun-14	2	Wireless/Kris	Kris				10 East		2	1	3	3	20+	LAST WEEK: windy, choppy lagoon, sunny, little rain TODAY: wind calmed yesterday, lagoon calming	Tina	27-Jun-14			
Moe Akaroro	3	24-Jun-14	3	Wireless/Kris	Kris				15 East		2	1	3	3	19	LAST WEEK: windy, choppy lagoon, sunny, little rain TODAY: wind calmed yesterday, lagoon calming	Tina	27-Jun-14			
Ngatoka e Hitu	4	24-Jun-14	4	Wireless/Kris	Kris				15 East		2	1	3	3	20+	LAST WEEK: windy, choppy lagoon, sunny, little rain TODAY: wind calmed yesterday, lagoon calming	Tina	27-Jun-14			
Monitoring Buoy	5	24-Jun-14	5	Wireless/Kris	Kris				15 East		2	1	3	3	20+	LAST WEEK: windy, choppy lagoon, sunny, little rain TODAY: wind calmed yesterday, lagoon calming	Tina	27-Jun-14			
Tukao Bay	6	24-Jun-14	6	Wireless/Kris	Kris				15 East		2	1	3	3	10	LAST WEEK: windy, choppy lagoon, sunny, little rain TODAY: wind calmed yesterday, lagoon calming	Tina	27-Jun-14			
Takaniko	1	8-Jul-14	1	Uea/Wireless	Tina				10 East		2	3	1	2	9	LAST WEEK: very windy, lagoon choppy, no rain TODAY: very strong winds over the weekend, no rain for a long time	Tina	11-Jul-14			
Rahea Raro	2	8-Jul-14	2	Uea/Wireless	Tina				20 East		2	3	1	3	14	LAST WEEK: very windy, lagoon choppy, no rain TODAY: very strong winds over the weekend, no rain for a long time	Tina	11-Jul-14			
Moe Akaroro	3	8-Jul-14	3	Uea/Wireless	Tina				20 East		2	3	1	3	18.5	LAST WEEK: very windy, lagoon choppy, no rain TODAY: very strong winds over the weekend, no rain for a long time	Tina	11-Jul-14			
Ngatoka e Hitu	4	8-Jul-14	4	Uea/Wireless	Tina				10 East		2	3	1	3	16	LAST WEEK: very windy, lagoon choppy, no rain TODAY: very strong winds over the weekend, no rain for a long time	Tina	11-Jul-14			
Monitoring Buoy	5	8-Jul-14	5	Uea/Wireless	Tina				10 East		2	3	1	3	16	LAST WEEK: very windy, lagoon choppy, no rain TODAY: very strong winds over the weekend, no rain for a long time	Tina	11-Jul-14			
Tukao Bay	6	8-Jul-14	6	Uea/Wireless	Tina				10 East		2	3	1	2	9.5	LAST WEEK: very windy, lagoon choppy, no rain TODAY: very strong winds over the weekend, no rain for a long time	Tina	11-Jul-14			
Takaniko	1	15-Jul-14	1	Uea/Wireless	Tina				10 East		2	2	2	3	13.5	LAST WEEK: sunny and dry, no rain for a long time	Tina	15-Jul-14			
Rahea Raro	2	15-Jul-14	2	Uea/Wireless	Tina				10 East		2	2	2	3	20+	LAST WEEK: sunny and dry, no rain for a long time	Tina	15-Jul-14			
Moe Akaroro	3	15-Jul-14	3	Uea/Wireless	Tina				10 East		2	2	2	3	19	LAST WEEK: sunny and dry, no rain for a long time	Tina	15-Jul-14			
Ngatoka e Hitu	4	15-Jul-14	4	Uea/Wireless	Tina				10 East		2	2	2	3	18.5	LAST WEEK: sunny and dry, no rain for a long time	Tina	15-Jul-14			
Monitoring Buoy	5	15-Jul-14	5	Uea/Wireless	Tina				20 East		2	2	2	3	18	LAST WEEK: sunny and dry, no rain for a long time	Tina	15-Jul-14			
Tukao Bay	6	15-Jul-14	6	Uea/Wireless	Tina				20 East		2	1	3	3	10.5	LAST WEEK: sunny and dry, no rain for a long time	Tina	15-Jul-14			
Takaniko	1	22-Jul-14	1	Uea/Wireless	Tina				100 North		2	2	2	3	10	LAST WEEK: very dry, no rain, lagoon choppy, strong wind	Tina	23-Jul-14			
Rahea Raro	2	22-Jul-14	2	Uea/Wireless	Tina				100 North		2	2	2	3	13	LAST WEEK: very dry, no rain, lagoon choppy, strong wind	Tina	23-Jul-14			
Moe Akaroro	3	22-Jul-14	3	Uea/Wireless	Tina				100 North		2	2	2	3	15	LAST WEEK: very dry, no rain, lagoon choppy, strong wind	Tina	23-Jul-14			
Ngatoka e Hitu	4	22-Jul-14	4	Uea/Wireless	Tina				80 North		2	2	2	3	12	LAST WEEK: very dry, no rain, lagoon choppy, strong wind	Tina	23-Jul-14			
Monitoring Buoy	5	22-Jul-14	5	Uea/Wireless	Tina				80 North		2	2	2	3	13.5	LAST WEEK: very dry, no rain, lagoon choppy, strong wind	Tina	23-Jul-14			
Tukao Bay	6	22-Jul-14	6	Uea/Wireless	Tina				60 North		2	2	2	3	10	LAST WEEK: very dry, no rain, lagoon choppy, strong wind	Tina	23-Jul-14			