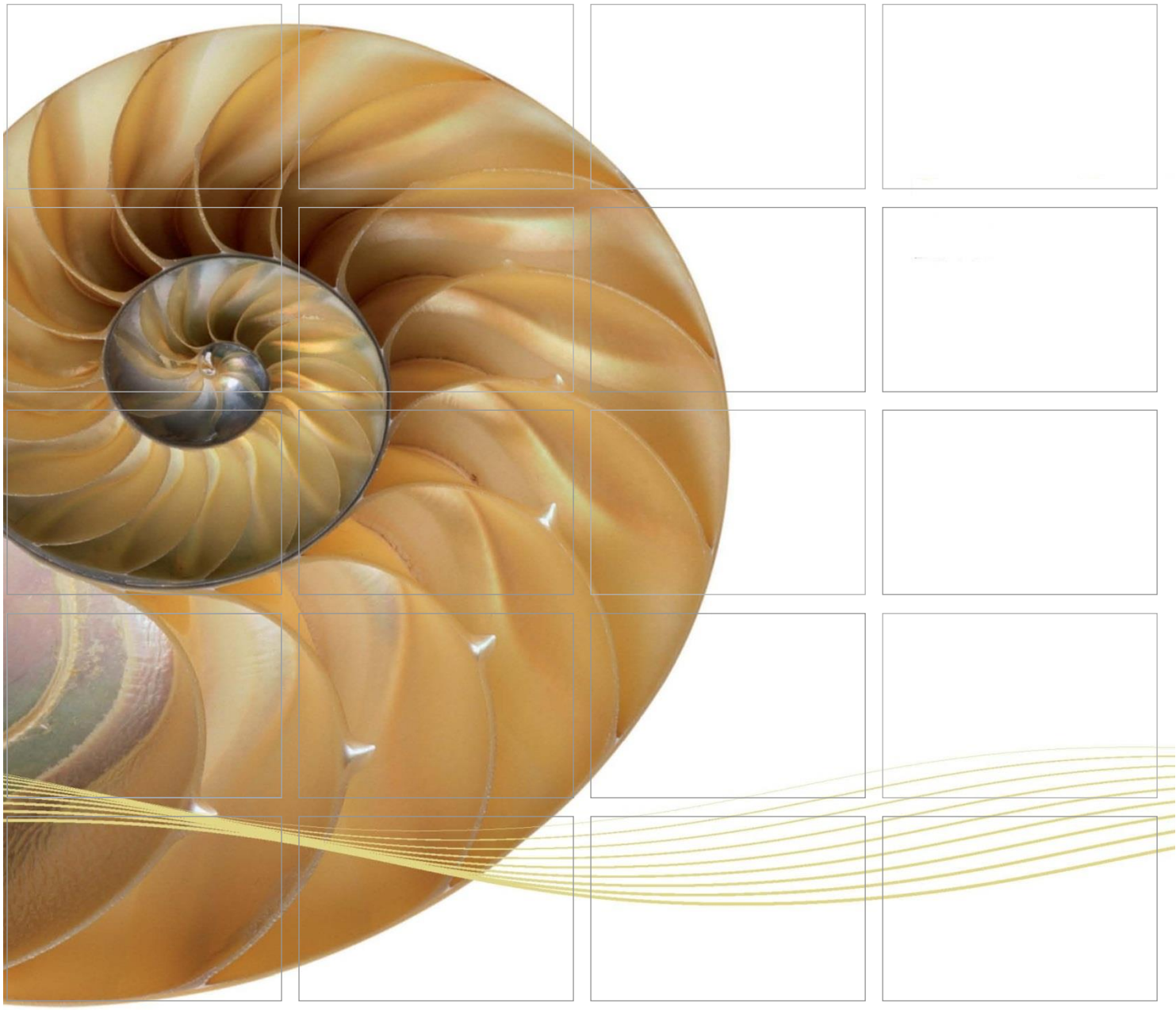
REPORT



Proposed 11kV Submarine Cables Replacement Connecting Liu Ko Ngam and Pak Sha Tau Tsui at Kat O

Post-project Coral Monitoring Survey Report

16 June 2016

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Client:	Project No:
CLP Power Hong Kong Limited (CLP)	0259952
Summary: This document presents the Post-project Coral Monitoring Survey Report Report for the proposed 11kV Submarine Cables Replacement Connecting Liu Ko Ngam and Pak Sha Tau Tsui at Kat O.	Date: 16 June 2016 Approved by:  *Terence Fong* *Partner*

Revision	Description	By	Checked	Approved	Date
v0	Post-project Coral Monitoring Survey Report	CY	JT	TF	16/6/16

Distribution

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Proposed 11kV Submarine Cables Replacement Connecting Liu Ko Ngam and Pak Sha Tau Tsui at Kat O - Environmental Monitoring & Audit

Environmental Certification Sheet

EP-461/2013

Reference Document/Plan

Document/~~Plan~~ to be ~~Certified~~/ Verified:	Post-project Coral Monitoring Survey Report
Date of Report:	16 June 2016
Date prepared by Environmental Team:	16 June 2016
Date received by IC:	16 June 2016

Reference Project Profile Annex E EM&A Requirement and EP Requirement

EM&A Requirement: Project Profile, Annex E EM&A Requirements, Section E2

Content: Post Project Coral Monitoring

E.2.3 "The post project monitoring will comprise one survey within two weeks after completion of the cable installation works. The same information to be obtained during the Impact Monitoring shall be obtained during the Post Project Monitoring."

E.2.5 "The Post Project Monitoring Report shall be provided within one week of the post project survey."

EP Condition: Condition No. 2.1

2.1 All measures described in the Project Profile (No. PP-489/2013) submitted by the applicant on 30 May 2013 shall be fully implemented.

IC Verification

I hereby verify that the above referenced document/~~plan~~ complies with the above referenced condition of EP-461/2013.

Terence Fong, Date: 16 June 2016

Independent Checker

CONTENTS

ANNEXES

1 INTRODUCTION

1.1 BACKGROUND

CLP Power Hong Kong Limited (CLP) is replacing the existing 11 kV submarine cable connecting Liu Ko Ngam to Pak Sha Tau Tsui, Kat O in order to ensure continuous electricity supply on the island ("the Project" with location shown in *Figure 1.1*).

The Project involves the installation of an 11kV cable circuit consisting of two individual cables, with an intended burial depth up to 5 m for the submarine cable section and about 1 m for the land section. The two submarine cables (except the shore end sections which will be of only about 1 m separation and joining into a single cable trench at each landing site) will be 30 m away from each other and running parallel along the alignment. In areas (especially near the landing site) where the cable burial depth does not meet the requirements due to seabed geotechnical constraints, a protective cover such as a concrete slab will be adopted. The total length of the proposed cable alignment is approximately 880 m.

The cable installation process will only require minor works within the marine environment. Only small scale construction works are required onshore at each of the cable landing sites, i.e. Liu Ko Ngam and Pak Sha Tau Tsui, for connecting the submarine cable with existing overhead land cable systems.

Environmental assessment for the Project has been carried out as part of the Project Profile (Register No.: PP-489/2013) required under the *Environmental Impact Assessment Ordinance* (*EIAO*). An Environmental Permit (EP) has been issued by Environmental Protection Department (EPD) on 27 Aug 2013 for the Project (EP-461/2013)(1), which links directly to the Environmental Monitoring and Audit (EM&A) programme as well as the mitigation measures set out and agreed in the approved Project Profile (PP-489/2013)(2).

Construction of the Project commenced on 22 December 2015 and marine works of the Project were completed on 19 May 2016.

1.2 OBJECTIVES OF CORAL TRANSLOCATION AND CORAL MONITORING PROGRAMME

Under the EM&A programme of the Project, a coral translocation programme has been implemented under which movable corals within the working corridor at the landing sites, Pak Sha Tau Tsui and Liu Ko Ngam, were translocated to the recipient site at Tsing Chau. In addition to the coral translocation programme, a Coral Monitoring Programme is implemented to

(1) Environmental Permit No. EP-461/2013. Available at : http://www.epd.gov.hk/eia/register/permit/latest/ep4612013.htm

(2) ERM (2013) Replacement of the Existing 11KV Submarine Cable Circuit Connecting Liu Ko Ngam and Pak Sha Tau Tsui at Kat O – Project Profile submitted for Applications for Permission to Apply Directly for an Environmental Permit (PP-489/2013). Available at http://www.epd.gov.hk/eia/register/profile/latest/dir229/dir229.pdf

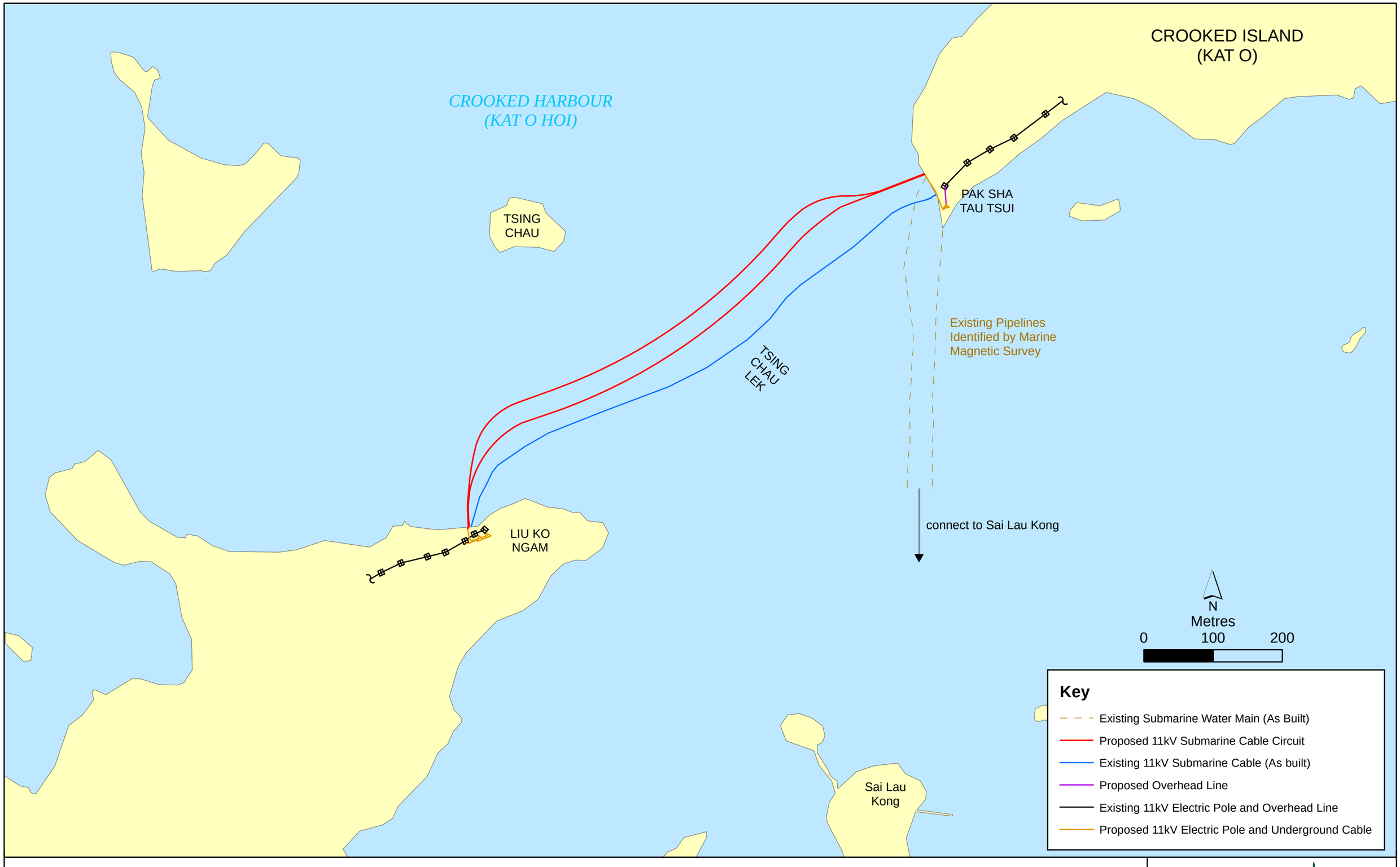

Figure 1.1

Alignment of the Proposed 11kV Submarine Cable Circuit from Liu Ko Ngam to Pak Sha Tau Tsui

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Date: 24/11/2014

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verify the Project Profile [1] prediction that no unacceptable residual impacts to coral assemblages will occur provided that suitable mitigation measures, including the placement of a 5 m wide silt curtain for protecting the coral communities during dredging works, were implemented. In the event that significant adverse impacts are identified as a consequence of the works, monitoring would also allow for implementation of appropriate remedial actions to reduce such impacts. The Coral Monitoring Programme comprises baseline, impact and post-project monitoring before, during and after the Project construction, respectively.

1.3 PURPOSE OF THIS REPORT

The purposes of this *Post-project Coral Monitoring Survey Report* are as follows:

- To present the assessment results of the health conditions of the translocated corals at the recipient site at Tsing Chau after the completion of marine works; and
- To present findings of the post-project monitoring conducted at the impact (i.e. Pak Sha Tau Tsui and Liu Ko Ngam) and control stations (Tsing Chau) after the completion of the marine works in order to investigate any observable impact due to the Project on coral colonies near the cable landing sites at Pak Sha Tau Tsui and Liu Ko Ngam.

1.4 STRUCTURE OF THE REPORT

The remainder of the report is structured as follows:

Section 2: ***Assessment of Translocated Corals*** – Details the methodology and the results of the health and conditions of the translocated corals at the recipient site at Tsing Chau after completion of the marine works of the Project.

Section 3: ***Monitoring of General Coral Conditions -*** Details the coral monitoring locations, monitoring methodology and post-project coral monitoring results, and the compliance with the Action and Limit Levels in accordance with the approved *Coral Translocation and Monitoring Plan* [2].

Section 4: ***Conclusion -*** Concludes the assessment of the health and conditions of the translocated corals and the representativeness of the post-project monitoring results for the Project.

(1) ERM (2013) Replacement of the Existing 11KV Submarine Cable Circuit Connecting Liu Ko Ngam and Pak Sha Tau Tsui at Kat O – Project Profile submitted for Applications for Permission to Apply Directly for an Environmental Permit (PP-489/2013). Available at http://www.epd.gov.hk/eia/register/profile/latest/dir229/dir229.pdf

(2) ERM (2014) Replacement of the Existing 11KV Submarine Cable Circuit Connecting Liu Ko Ngam and Pak Sha Tau Tsui at Kat O. Coral Translocation and Monitoring Plan

2 ASSESSMENT OF TRASNLOCATED CORAL COLONIES

2.1 INTRODUCTION

Coral translocation works of the Project were conducted during 27-29 October 2015 before commencement of construction activities. A total of 111 and 106 hard coral colonies were translocated from Pak Sha Tau Tsui and Liu Ko Ngam, respectively, to a coral recipient site at Tsing Chau (*Figure 2.1*). Results of the coral translocation works are presented in the Coral Translocation and Baseline Monitoring Survey Report under a separate cover [(1)].

A post project monitoring survey for the translocated corals was conducted on 25 and 26 May 2016 after the completion of marine works of the Project on 19 May 2016. The main objective of the post-project monitoring was to assess the health conditions of the translocated corals at the recipient site at Tsing Chau after the completion of marine works of the Project.

The following section presents the methodology and assessment results of the post-project monitoring surveys for the coral translocation programme of the Project.

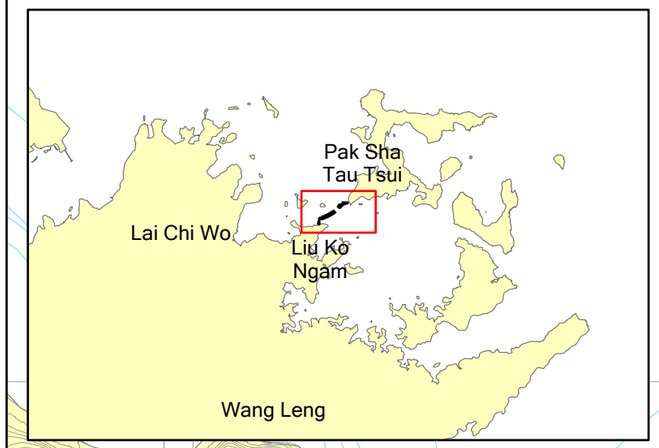
2.2 METHODOLOGY FOR POST-PROJECT MONITORING FOR TRANSLOCATED CORALS

Detailed methodology for the post-project monitoring is presented in the approved Coral Translocation and Monitoring Plan [(2)], with brief descriptions provided below.

The 111 and 106 hard coral colonies that were successfully translocated from the donor sites of Pak Sha Tau Tsui and Liu Ko Ngam, respectively, to the coral recipient site of Tsing Chau in October 2015 were monitored during the post-project monitoring survey. The same types of data obtained on the translocated coral colonies during the post-translocation survey in October 2015 were collected during the post-project monitoring survey (including partial mortality, bleaching, sediment cover etc.). In addition, conditions of the tagged reference colonies at the control station (for impact monitoring) were compared with those of the translocated colonies in order to determine whether any observable changes in conditions of the translocated colonies were due to the translocation exercise or the general environmental conditions at the area. After the completion of the post-project monitoring survey, tags on the translocated and reference coral colonies were removed.

(1) ERM (2015) Proposed 11kV Submarine Cables Replacement Connecting Liu Ko Ngam and Pak Sha Tau Tsui at Kat O. Coral Translocation and Baseline Monitoring Survey Report.

(2) ERM (2014) Proposed 11kV Submarine Cables Replacement Connecting Liu Ko Ngam and Pak Sha Tau Tsui at Kat O. Coral Translocation and Monitoring Plan.



Pak Sha Tau Tsui

Tsing Chau

Liu Ko Ngam

N
Metres
0 100 200

Key

- Coral Recipient Site
- Control Station
- Impact Station
- Proposed Cable Working Corridor
- Proposed 11kV Submarine Cable

Figure 2.1

Recipient and Control Sites at Tsing Chau

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Date: 20-Nov-2015

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2.3 MONITORING RESULTS

Weather conditions were sunny on 25 May and cloudy on 26 May 2016, both with calm conditions. Underwater visibility at the recipient site at Tsing Chau was around 1- 2 m during the survey. Representative photographs taken during the post-project monitoring survey for translocated coral are presented in *Annex A.*

Data collected during the post-project monitoring survey at Pak Sha Tau Tsui and Liu Ko Ngam are presented in *Annex B* while data collected during the post-translocation survey at both sites are presented in *Annex C.*

During the post-project monitoring survey, it was found that 96 out of the 111 translocated coral colonies from Pak Sha Tau Tsui were alive (86 % survivorship), while 10 (9%) were dead and 5 (5%) were missing (*Table 2.1*). Of the 106 translocated coral colonies from Liu Ko Ngam, 101 coral colonies were alive (95% survivorship) while 2 (2%) coral colonies were found dead and 3 (3%) were missing (*Table 2.1*).

As shown in *Table 2.2*, 39% (37 out of 96) of the living corals from Pak Sha Tau Tsui and 22% (22 out of 101) of the living corals from Liu Ko Ngam were in good condition showing no visual signs of damage or stress in May 2016. Of the remaining living translocated colonies from Pak Sha Tau Tsui, 42% (40 out of 96) exhibited <50% partial mortality and 20% (19 out of 96) exhibited high partial mortality of ≥ 50%. For the living translocated coral colonies from Liu Ko Ngam, 52% (53 out of 101) exhibited <50% partial mortality while 26% (26 out of 101) showed ≥ 50% partial mortality. It was observed on translocated colonies of *Porites* sp. that most of the areas with partial mortality were overgrown by barnacles and partial mortality was observed in 92% (45 out of 49) of *Porites* sp. colonies. A low level of beaching was recorded (between 5 – 10%) in a few corals colonies.

For the 29 reference coral colonies at the control station (Tsing Chau), no partial mortality was observed during the post-project monitoring survey, except for one tagged reference colony (*Porites* sp., TC-18) which recorded 50% partiality mortality (please refer to *Annex D* for the health status of reference corals at Tsing Chau recorded during the baseline and post-project monitoring surveys). All coral colonies were photograph and these images are presented in *Annex E.*

It is considered that the following factors may contribute to the relatively higher partial mortality (≥50% partial mortality) recorded on some of the translocated corals at Tsing Chau:

- Low seawater temperature in winter - it was observed on the translocated colonies of *Porites* sp. that most of the areas with partial mortality were overgrown by barnacles and partial mortality was observed in 92% of *Porites* sp. colonies. The same observation was made on the tagged reference *Porties* sp. colony at the control station in the

vicinity of the recipient site, and it was suspected in previous impact monitoring surveys that the partial mortality of *Porites* sp. at the control station may be caused by bleaching due to low seawater temperature in winter which in turn makes the colonies of this species susceptible to being overgrown by barnacles (1). Observation of bleaching of *Porites* sp. colonies was reported at the recipient site during winter (photo shown in *Figure 2.2a*).

- Predation by *Diadema* sp. - long-spined sea urchins, *Diadema* sp., were observed on / in the vicinity of translocated coral colonies at the recipient site (*see Figure 2.2b* and *2.2c*). It was documented that *Diadema setosum* forage on coral colonies, especially *Platgyra* sp. and *Porites* sp.. It should be noted that a large percentage (62%) of the *D. setosum* found were on coral colonies of these two coral genera (2). Therefore, it is suspected that the *Diadema* sp. in the recipient site may be foraging on the translocated colonies causing partially mortality.

- Around 34% of the translocated colonies showing partial mortality were found covered by sediment. It is possible that sediment settled on the coral colonies consequently reduce the photosynthetic activity of the zooxanthellae within the coral polyps, thus leading to partial mortality of translocated corals. Given that there was no exceedances of Action/ Limit levels of suspended solid (SS) (i.e. higher SS levels may lead to higher rate of sedimentation) recorded during the water quality impact monitoring throughout the construction period, sedimentation on corals is considered not caused by the Project but a result of natural sedimentation at the recipient site (mainly composed of soft sandy substrate on its seabed, *Figure 2.2d*). For the reference corals, they are located at the control site nearby but with relatively lower coverage of sandy substrate, thus potentially with lower level of sedimentation and less sediment cover.

Low seawater temperature in winter and predation of corals by *Diadema* sp., which is a common and widespread species in the coral habitats of Hong Kong, are possible reasons of partial mortality of translocated corals which are factors that cannot be controlled by the Project's coral translocation programme. For the effect of sediment, it is not possible to determine whether the mortality is caused by sediment settling on the coral colonies since mortality may be caused by predation and bleaching stated above, which consequently reduce the ability of the coral colonies to remove the sediment from their surfaces with the living tentacles. However, it is recommended that for future coral translocation exercise, corals should be translocated to a recipient site with lower coverage of sand, if feasible

(1) ERM (2016) Proposed 11kV Submarine Cables Replacement Connecting Liu Ko Ngam and Pak Sha Tau Tsui at Kat O. 11th Weekly Coral Impact Monitoring Survey Report.

(2) Dumont, C.P., Lau, D.C.C, Astudillo, J.C., Fong, K.F. Chak, S.T.C and Qiu, J.W. (2013) Coral bioerosion by the sea urchin *Diadema setosum* in Hong Kong: Susceptibility of different coral species. *Journal of Experimental Marine Biology and Ecology* 441: 71-79.

considering other factors such as exposure of the site to wave action, proximity/ similarity to the donar site, existing coral coverage etc. Nevertheless, a review of coral translocation programmes indicated that survivorship of translocated coral colonies is typically 85-90% immediately following and up to a month after transplantation (1). Therefore, with an overall 90% survivorship observed for the translocated coral colonies of this Project after seven months of translocation, it is considered that the Project translocation programme is successful with no further requirement of monitoring.

Table 2.1 Summary of Fate of Translocated Coral Colonies

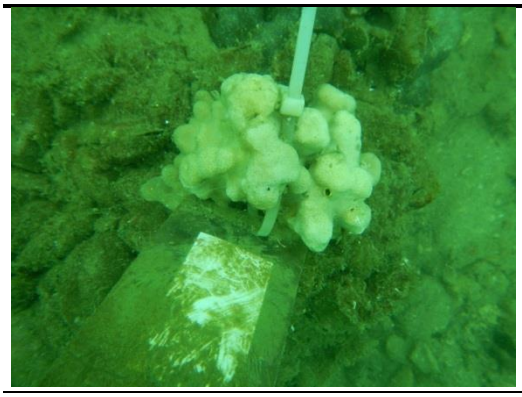
Level	Live coral colonies	Dead coral colonies	Missing coral colonies	Survivorship
Pak Sha Tau Tsui				
Post-translocation (27-29 October 2015)	111	-	-	100%
Post-project (25 & 26 May 2016)	96	10	5	86%
Liu Ko Ngam				
Post-translocation (27-29 October 2015)	106	-	-	100%
Post-project (25 & 26 May 2016)	101	2	3	95%

Table 2.2 Summary of Health and Condition of Living Coral Colonies

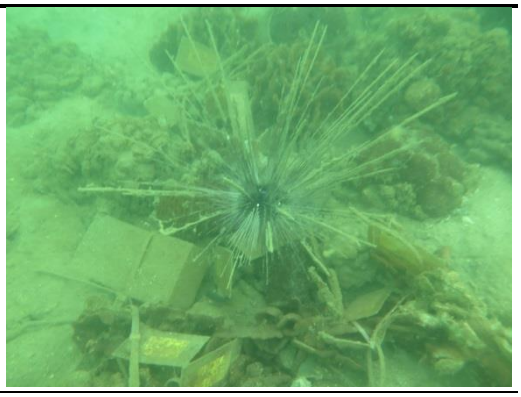
Translocated Corals during Post-project monitoring survey	Coral showing no sign of stress	Coral with partial mortality (<50% cover)	Coral with partial mortality (≥ 50% cover)	Corals affected by sediment	Coral with partial mortality (< 50% cover) and affected by sediment	Coral with partial mortality (≥ 50% cover) and affected by sediment
Pak Sha Tau Tsui	37	40	19	30	13	7
Liu Ko Ngam	22	53	26	29	13	14

(1) Edwards, A.J. and E.D. Gomez (2007) Reef Restoration Concepts and Guidelines: Making sensible management choices in the face of uncertainty. Coral Reef Targeted Research & Capability Building for Management Program, St Lucia, Australia, 38 pp,

Figure 2.2 Representative Photographic Records of the Recipient Site



(a) Bleaching of Translocated Corals observed in January 2016



(b) Long-spined sea urchin, *Diadema* sp., found on the translocated coral colonies

(c) Long-spined sea urchin, *Diadema* sp., found on the translocated coral colonies

(d) Condition of the recipient site

3 MONITORING OF GENERAL CORAL CONDITIONS

3.1 INTRODUCTION

After the completion of cable laying marine works, a post-project monitoring survey for monitoring general coral conditions was conducted on 3 June 2016 at two impact stations at Liu Ko Ngam and Pak Sha Tau Tsui (outside and on either side of the working corridor) and at the control station at Tsing Chau (*Figure 2.1).* Weather conditions were sunny on 3 June 2016 with calm conditions. Underwater visibility at Pak Sha Tau Tsui, Liu Ko Ngam and Tsing Chau were around 1- 2 m during the survey.

3.2 MONITORING METHODOLOGY

A total of 30 healthy coral colonies were tagged and surveyed at each of the impact and control stations on 29 and 30 October 2015 during the baseline monitoring surveys. These tagged colonies were re-visited and monitored after the completion of marine works to investigate any observable impact of the cable installation works on coral colonies near the cable landing sites. The coral monitoring results were evaluated against the Action and Limit Levels based on the conditions of the corals recorded during post-project monitoring similar to the impact monitoring as well as the change in sediment cover on corals prior to and during cable installation works (please refer to *Table 3.1* for the Action and Limit Levels.

Photographic records of each coral colony tagged in the Baseline Survey were collected from an angle that best represents the entire colony, and photographs maintaining the same aspect and orientation were taken in the post-project monitoring (see *Annex F*). Adoption of the same monitoring method allows for direct comparison of baseline data with the post-project monitoring data in order to determine any changes in conditions of corals due to the Project.

Table 3.1 Action and Limit Levels for Coral Monitoring

Level	Descriptions
Action Level	If during the Impact Monitoring a 15% increase in the percentage of sedimentation on the corals occurs at more than 20% of the tagged coral colonies at the Impact Monitoring Station, which is not recorded at the Control Monitoring Station, then the Action Level is exceeded.
Limit Level	If during the Impact Monitoring a 25% increase in the percentage of sedimentation on the corals occurs at more than 20% of the tagged coral colonies at the Impact Monitoring Station, which is not recorded at the Control Monitoring Station, then the Limit Level is exceeded.

3.3 POST-PROJECT MONITORING RESULTS

3.3.1 Comparison against Action and Limit Levels

The species, size range, partial mortality, bleaching and sediment cover (sediment thickness, type and colour) of the tagged coral colonies were recorded and summarized in *Tables 3.3* to *3.5* for the three monitoring stations. Photographic records of the tagged coral colonies are shown in *Annex F*.

A total of 20 tagged coral colonies were monitored at Pak Sha Tau Tsui during the post-project coral monitoring survey (*Table 3.3*). At Liu Ko Ngam and Tsing Chau, a total of 28 and 29 tagged coral colonies were found and monitored, respectively, during the post-project monitoring survey. According to the approved *Coral Translocation and Monitoring Plan*, a minimum of 20 coral colonies are required to be tagged for monitoring at each station. As a precautionary approach, a total of 30 coral colonies were tagged at each station to ensure that an adequate number of tagged colonies (i.e. not less than 20 colonies) could be re-visited to reveal any observable impacts to corals, in particular when difficulty of relocating the tagged corals is encountered at these stations with typical low underwater visibility (i.e. visibility of 0.5 to 1 m recorded) or due to the loss of the tags.

Findings of the post-project monitoring revealed that none of the tagged coral colonies at impact or control stations recorded an increase in sediment cover of more than 15% on 3 June 2016 (*Tables 3.3-3.5*). This indicated that the Action Levels or Limit Levels for coral monitoring were not exceeded (*Table 2.1*). The levels of partial mortality recorded in tagged colonies at both the control and impact stations were similar to the 12th weekly impact monitoring surveys, in which bleaching due to low seawater temperature in winter was suspected to be the cause of the mortality (1).

(1) ERM (2016) Proposed 11kV Submarine Cables Replacement Connecting Liu Ko Ngam and Pak Sha Tau Tsui at Kat O. 11th Weekly Coral Impact Monitoring Survey Report.

Table 3.3 Species, Size, Partial Mortality, Bleaching and Sediment Cover of Tagged Coral Colonies at Pak Sha Tau Tsui (Impact Station)

Tag no.	Species	Size range (<10, 10-50; >50cm)	Partial Mortality (%)	Bleaching (%)	Sediment cover (%)	Percentage increase in sediment cover (%)	Sediment Thickness (<1mm; 1mm; >1mm)	Sediment Type (Mud/ Sand)	Sediment Color
Baseline Monitoring on 29 October 2015									
PSTT-8	*Goniastrea aspera*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-9	*Cyphastrea serailia*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-10	*Leptastrea pruinosa*	>50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-11	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-13	*Leptastrea pruinosa*	<10	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-14	*Dipsastraea rotumana*	<10	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-15	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-16	*Leptastrea purpurea*	>50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-18	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
PSST-19	*Leptastrea pruinosa*	<10	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-20	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-21	*Porites* sp.	10-50	5	<1	<1	N/A	<1	N/A	N/A
PSTT-22	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-23	*Porites* sp.	10-50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-24	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-25	*Leptastrea purpurea*	>50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-27	*Porites* sp.	10-50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-26	*Favites chinensis*	>50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-28	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-29	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
PSTT-30	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
Post-project Monitoring on 3 June 2016									
PSTT-8	*Goniastrea aspera*	10-50	<1	<1	<1	0	<1	N/A	N/A
PSTT-9	*Cyphastrea serailia*	10-50	<1	<1	<1	0	<1	N/A	N/A
PSTT-11	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
PSTT-12	*Goniastrea aspera*	10-50	<1	<1	<1	0	<1	N/A	N/A
PSTT-13	*Leptastrea pruinosa*	<10	20	<1	<1	0	<1	N/A	N/A
PSTT-14	*Dipsastraea rotumana*	<10	<1	<1	<1	0	<1	N/A	N/A
PSTT-15	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
PSTT-16	*Leptastrea purpurea*	>50	<1	<1	<1	0	<1	N/A	N/A
PSTT-18	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
PSST-19	*Leptastrea pruinosa*	<10	<1	<1	<1	0	<1	N/A	N/A
PSTT-20	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
PSTT-21	*Porites* sp.	10-50	40	<1	<1	0	<1	N/A	N/A
PSTT-22	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A

Tag no.	Species	Size range (<10, 10-50; >50cm)	Partial Mortality (%)	Bleaching (%)	Sediment cover (%)	Percentage increase in sediment cover (%)	Sediment Thickness (<1mm; 1mm; >1mm)	Sediment Type (Mud/ Sand)	Sediment Color
PSTT-23	*Porites* sp.	10-50	30	<1	<1	0	<1	N/A	N/A
PSTT-24	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
PSTT-25	*Leptastrea purpurea*	>50	<1	<1	<1	0	<1	N/A	N/A
PSTT-27	*Porites* sp.	10-50	60	<1	<1	0	<1	N/A	N/A
PSTT-26	*Favites chinensis*	>50	<1	<1	<1	0	<1	N/A	N/A
PSTT-28	*Leptastrea pruinosa*	10-50	<1	<1	5	5	1	Mud	Light Brown
PSTT-29	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
PSTT-30	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A

Note: PSTT-1, PSTT-3, PSST-6 and PSTT-17 could not be located during post-project monitoring survey and the results are not presented in the table. The monitoring results of PSTT-2, PSTT-4, PSTT-5, PSTT-7, PSTT-10 and PSTT-12 were not included due to the observed physical disturbance / overturn of these coral colonies, and a separate Incident Report was submitted (reported in the 11th and 12th Weekly Coral Impact Monitoring Report).

Table 3.4 Species, Size, Partial Mortality, Bleaching and Sediment Cover of Tagged Coral Colonies at Liu Ko Ngam (Impact Station)

Tag no.	Species	Size range (<10, 10-50; >50cm)	Partial Mortality (%)	Bleaching (%)	Sediment cover (%)	Percentage increase in sediment cover (%)	Sediment Thickness (<1mm; 1mm; >1mm)	Sediment Type (Mud/ Sand)	Sediment Color
Baseline Monitoring on 30 October 2015									
LKN-1	*Dipsastraea rotumana*	<10	<1	<1	<1	N/A	<1	N/A	N/A
LKN-2	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-3	*Cyphastrea japonica*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-4	*Favites pentagona*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-5	*Dipsastraea rotumana*	<10	<1	<1	<1	N/A	<1	N/A	N/A
LKN-6	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-8	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-9	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-11	*Echinophyllia aspera*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-12	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-13	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-14	*Dipsastraea rotumana*	<10	<1	<1	<1	N/A	<1	N/A	N/A
LKN-15	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-16	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-17	*Leptastrea pruinosa*	'10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-18	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-19	*Platygyra acuta*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-20	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-21	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-22	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-23	*Leptastrea purpurea*	>50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-24	*Porites* sp.	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-25	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-26	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-27	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-28	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-29	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
LKN-30	*Dipsastraea rotumana*	<10	<1	<1	<1	N/A	<1	N/A	N/A
Post-project Monitoring on 3 June 2016									
LKN-1	*Dipsastraea rotumana*	<10	25	<1	<1	0	<1	N/A	N/A
LKN-2	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-3	*Cyphastrea japonica*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-4	*Favites pentagona*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-5	*Dipsastraea rotumana*	<10	<1	<1	<1	0	<1	N/A	N/A
LKN-6	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A

Tag no.	Species	Size range (<10, 10-50; >50cm)	Partial Mortality (%)	Bleaching (%)	Sediment cover (%)	Percentage increase in sediment cover (%)	Sediment Thickness (<1mm; 1mm; >1mm)	Sediment Type (Mud/ Sand)	Sediment Color
LKN-8	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-9	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-11	*Echinophyllia aspera*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-12	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-13	*Leptastrea pruinosa*	10-50	<1	<1	5	5	1	Mud	Light Brown
LKN-14	*Dipsastraea rotumana*	<10	<1	<1	<1	0	<1	N/A	N/A
LKN-15	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-16	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-17	*Leptastrea pruinosa*	'10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-18	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-19	*Platygyra acuta*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-20	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-21	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-22	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-23	*Leptastrea purpurea*	>50	<1	<1	<1	0	<1	N/A	N/A
LKN-24	*Porites* sp.	10-50	10	<1	<1	0	<1	N/A	N/A
LKN-25	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-26	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-27	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-28	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
LKN-29	*Leptastrea pruinosa*	10-50	20	<1	<1	0	<1	N/A	N/A
LKN-30	*Dipsastraea rotumana*	<10	<1	<1	<1	0	<1	N/A	N/A

Note: LKN-7 and LKN-10 could not be located during the post-project monitoring survey and the results are not presented in the table.

Table 3.5 Species, Size, Partial Mortality, Bleaching and Sediment Cover of Tagged Coral Colonies at Tsing Chau (Control Station)

Tag no.	Species	Size range (<10, 10-50; >50cm)	Partial Mortality (%)	Bleaching (%)	Sediment cover (%)	Percentage increase in sediment cover (%)	Sediment Thickness (<1mm; 1mm; >1mm)	Sediment Type (Mud/ Sand)	Sediment Color
Baseline Monitoring on 30 October 2015									
TC-1	*Dipsastraea rotumana*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-2	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-3	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-5	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-6	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-7	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-8	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-9	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-10	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-11	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-12	*Dipsastraea rotumana*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-13	*Favities pentagona*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-14	*Lithophyllon undulatum*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-15	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-16	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-17	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-18	*Porities* sp.	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-19	*Dipsastraea rotumana*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-20	*Lithophyllon undulatum*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-21	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-22	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-23	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-24	*Cyphastrea japonica*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-25	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-26	*Leptastrea pruinosa*	>50	<1	<1	<1	N/A	<1	N/A	N/A
TC-27	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-28	*Favities pentagona*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-29	*Leptastrea pruinosa*	>50	<1	<1	<1	N/A	<1	N/A	N/A
TC-30	*Leptastrea pruinosa*	>50	<1	<1	<1	N/A	<1	N/A	N/A
Post-project Monitoring on 3 June 2016									
TC-1	*Dipsastraea rotumana*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-2	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-3	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-5	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-6	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A

Tag no.	Species	Size range (<10, 10-50; >50cm)	Partial Mortality (%)	Bleaching (%)	Sediment cover (%)	Percentage increase in sediment cover (%)	Sediment Thickness (<1mm; 1mm; >1mm)	Sediment Type (Mud/ Sand)	Sediment Color
TC-7	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-8	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-9	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-10	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-11	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-12	*Dipsastraea rotumana*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-13	*Favities pentagona*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-14	*Lithophyllon undulatum*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-15	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-16	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-17	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-18	*Porities* sp.	10-50	50	<1	<1	0	<1	N/A	N/A
TC-19	*Dipsastraea rotumana*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-20	*Lithophyllon undulatum*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-21	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-22	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-23	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-24	*Cyphastrea japonica*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-25	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-26	*Leptastrea pruinosa*	>50	<1	<1	<1	0	<1	N/A	N/A
TC-27	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-28	*Favities pentagona*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-29	*Leptastrea pruinosa*	>50	<1	<1	<1	0	<1	N/A	N/A
TC-30	*Leptastrea pruinosa*	>50	<1	<1	<1	0	<1	N/A	N/A

Notes: TC-4 could not be located during the post-project monitoring survey and the results are not presented in the table.

3.3.2 Rapid Ecological Assessment (REA) Survey

Baseline REA surveys were conducted on 29 and 30 October 2015 at the two impact and one control stations on the subtidal marine conditions according to the methodology presented in the *Coral Translocation and Baseline Monitoring Survey Report*. REA surveys were conducted during the post-project monitoring on 3 June 2016, to determine any observable impacts to coral assemblages. Data collected during the REA surveys are presented in *Annex G*.

Results obtained during the REA surveys in the baseline surveys in October 2015 and the post-project monitoring survey on 3 June 2016 were noted to be similar at both of the impact and control stations. At Pak Sha Tau Tsui and Liu Ko Ngam, both sites were predominately composed of small boulders (<50 cm). Cover of hard corals ranged from 6 to 10% at both impact stations. Ten (10) and twelve (12) species of hard corals were recorded at Pak Sha Tau Tsui and Liu Ko Ngam, respectively.

During the REA survey at Pak Sha Tau Tsui, broken pieces of small boulders (<50 cm) and fragmented coral colonies were observed within an area of approximately 3 m x 7 m. About 30 coral colonies were observed to be physically damaged or overturned in the affected area (similar to the results of the REA survey on 12th weekly impact monitoring survey). An incident report was submitted under a separate cover, which included the investigation result as well as recommended remedial actions, ie relocating and monitoring of the fragmented coral colonies. It should be that the identified broken boulders and fragmented coral colonies at Pak Sha Tau Tsui did not contribute to any change in the general rank of the physical and ecological seabed attributes. In addition, most of the fragmented corals were still alive and thus there was no change in the estimated coral coverage along the REA transect.

At the control station at Tsing Chau, the seabed was predominately composed of hard substrates of small boulders (<50 cm), rubble and rock (<26 cm). Cover of hard corals was similar to the impact stations which range from 6 to 10%. A total of eight (8) hard coral species were recorded at Tsing Chau during the surveys.

Overall, the REA results did not indicate any observable change of the generate health and condition of the coral assemblages between the baseline and the post-project monitoring survey. However, within an area of approximately 3 m x 7 m at Pak Sha Tau Tsui, some disturbance to the corals was observed.

4 CONCLUSION

The post-project monitoring surveys were carried out on 25 and 26 May 2016 at the recipient site at Tsing Chau for translocated corals and on 3 June 2016 at two impact stations and one control station for monitoring of general coral condition in accordance with the EM&A Requirements in the *Project Profile* and the *Coral Translocation and Monitoring Plan*.

Assessment of Translocated Corals

Of the translocated colonies that were located, 86% and 95% of translocated coral colonies from Pak Sha Tau Tsui and Liu Ko Ngam, were found alive respectively. In general, majority of corals exhibit different levels of partial mortality possibly caused by bleaching induced by low water temperature during winter, predation of corals by *Diadema* sp and sedimentation.

A review of coral translocation programmes indicated that survivorship of translocated coral colonies is typically 85-90% immediately following and up to a month after transplantation (1). Therefore, with an overall 90% survivorship observed for the translocated coral colonies of this Project after seven months of translocation, it is considered that the Project translocation programme is successful with no further monitoring required.

Monitoring of General Coral Conditions

During the post-project monitoring, the tagged coral colonies were re-visited and monitored at each station. The conditions of the tagged coral colonies are compared with the baseline conditions which were recorded prior to the commencement of the cable installation works.

No exceedances of the Action and Limit Levels (in terms of percentage of sedimentation) were identified during the post-project monitoring survey on 3 June 2016. In addition, the REA results did not indicate any observable change of the generate health and condition of the coral assemblages between the baseline and the post-project monitoring survey.

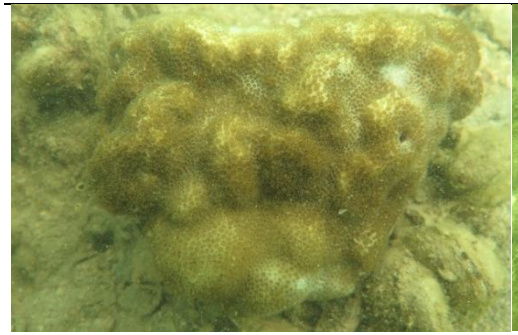
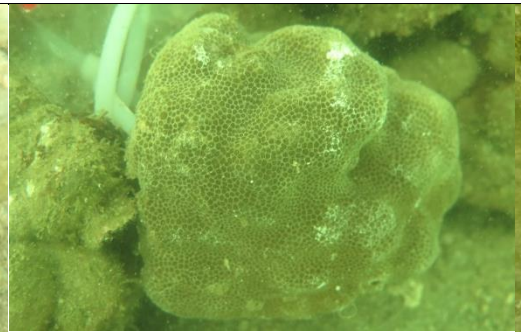
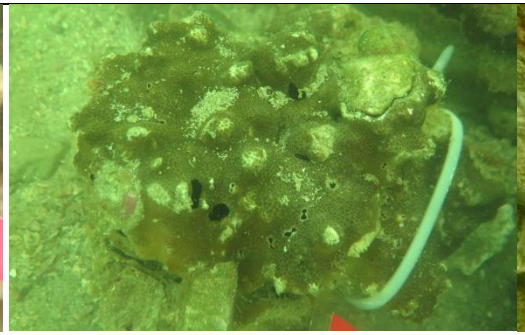
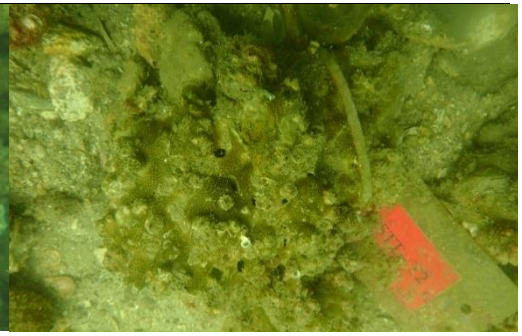
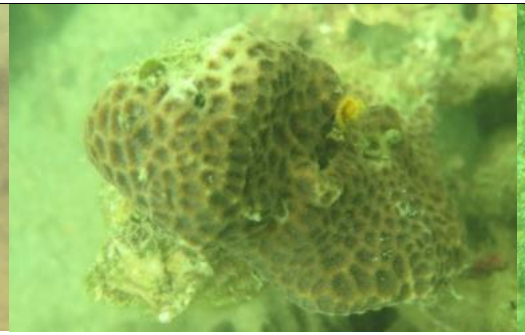
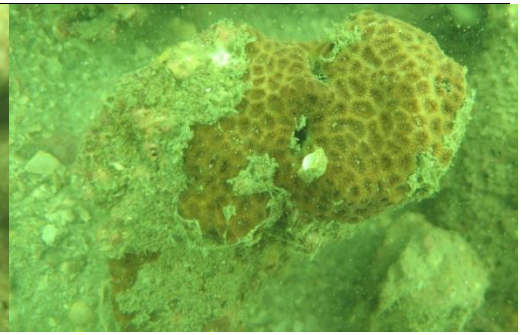
Overall, the monitoring results did not indicate any observable change of general conditions of coral assemblages between the baseline and post-project monitoring surveys.

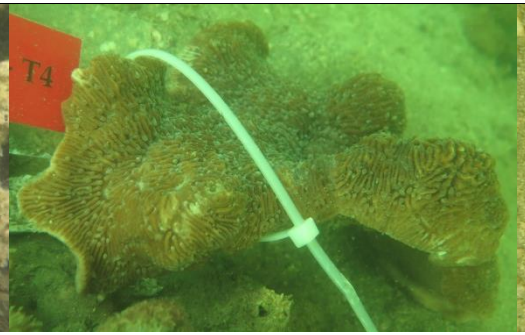
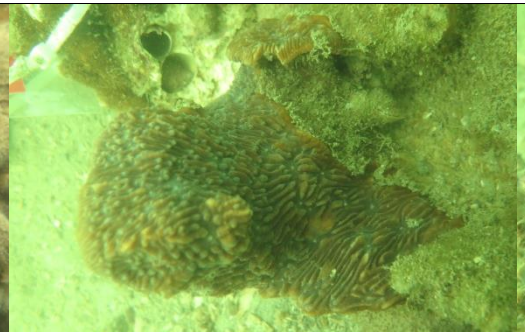
(1) Edwards, A.J. and E.D. Gomez (2007) Reef Restoration Concepts and Guidelines: Making sensible management choices in the face of uncertainty. Coral Reef Targeted Research & Capability Building for Management Program, St Lucia, Australia, 38 pp,

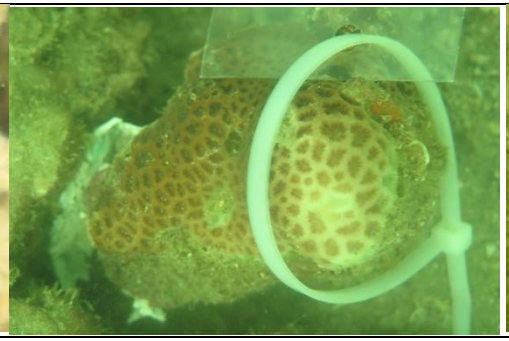
Annex A

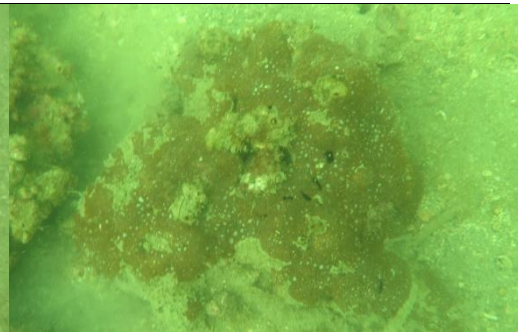
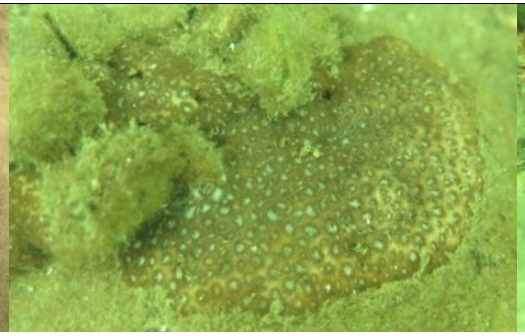
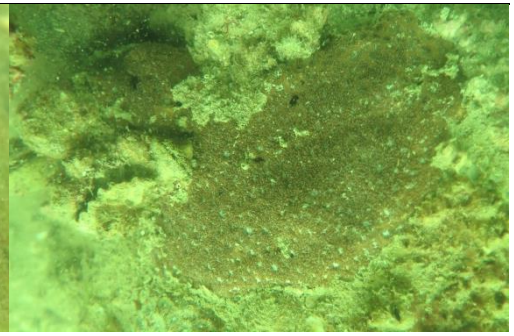
Photographic Record of Translocated Coral Colonies

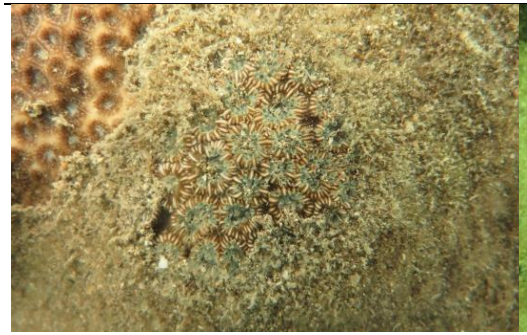
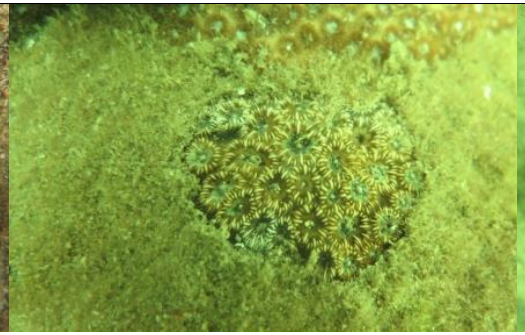
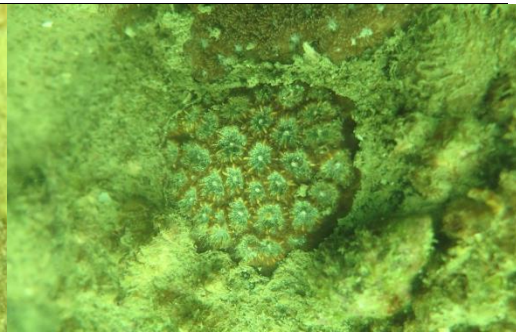
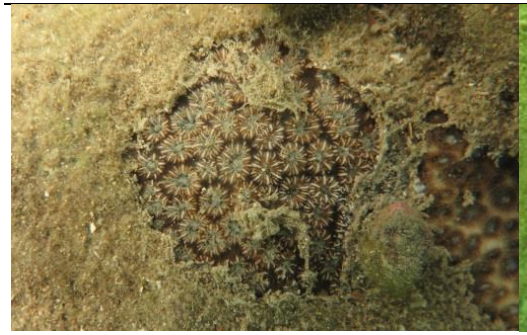
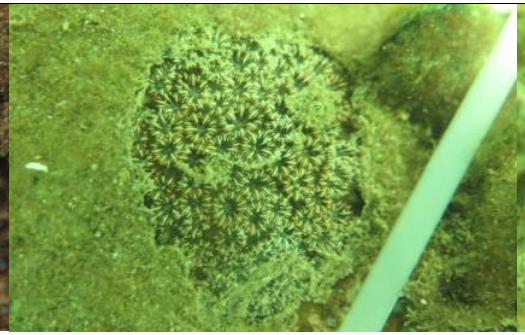
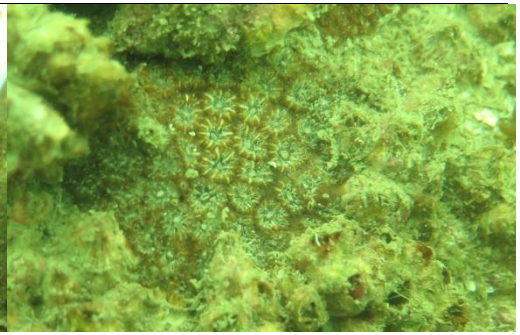
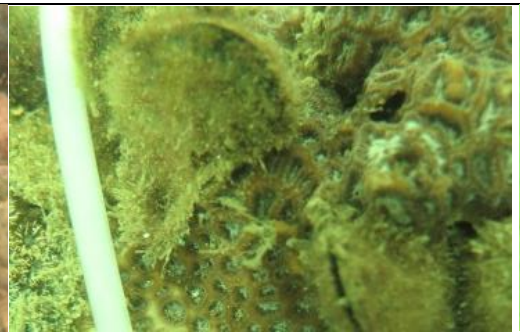
Annex A1 – Translocated Corals from Pak Sha Tau Tsui

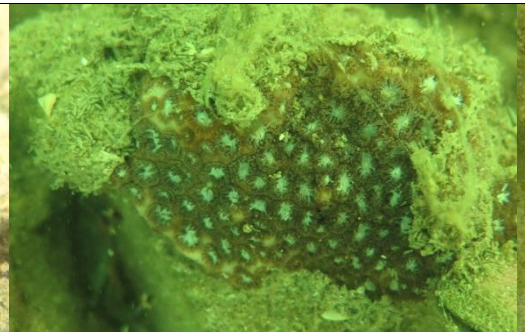
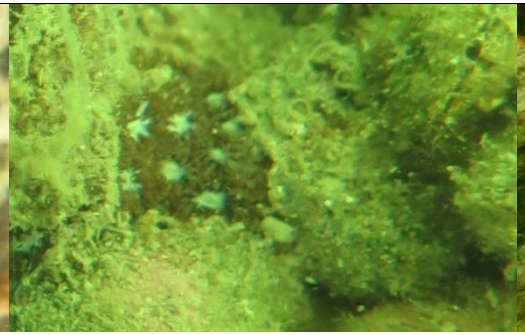
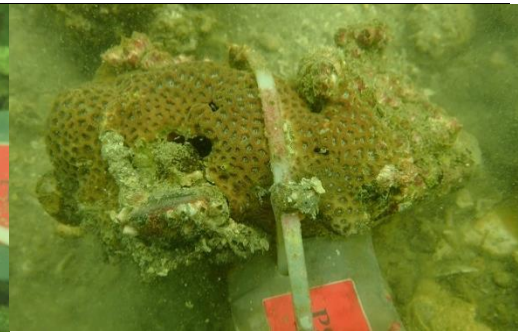
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T1 (*Porites* sp.)		
		
Tag No.: PSTT-T2 (*Porites* sp.)		
		
Tag No.: PSTT-T3 (*Favites chinensis*)		

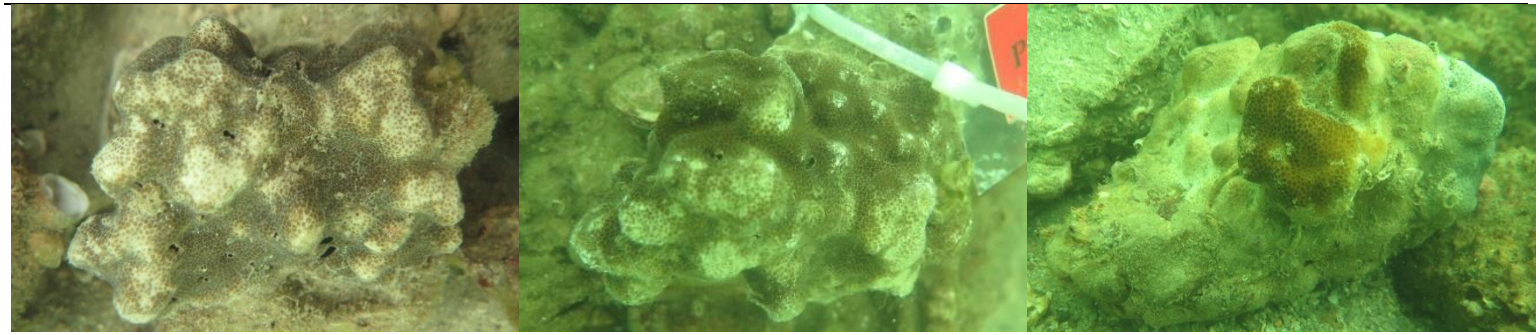
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T4 (*Lithophyllon undulatum*)		
		
Tag No.: PSTT-T5 (*Cyphastrea japonica*)		
		
Tag No.: PSTT-T6 (*Lithophyllon undulatum*)		

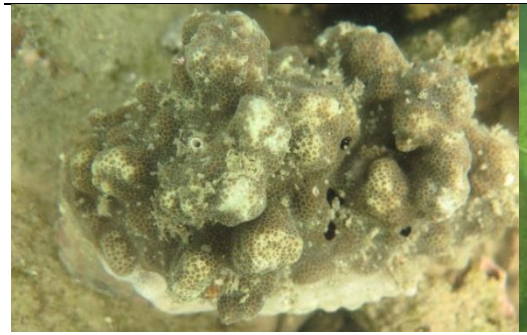
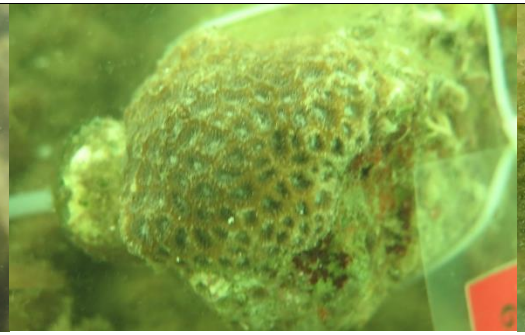
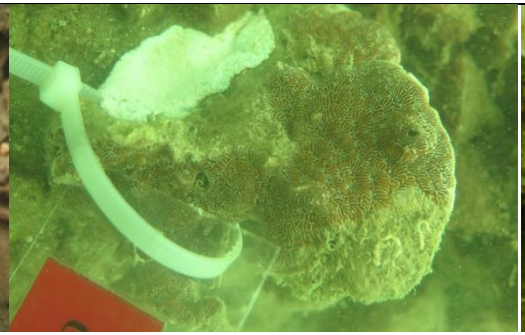
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T7 (*Lithophyllon undulatum*)		
		N/A
Tag No.: PSTT-T8 (*Pavona decussata*)		
		
Tag No.: PSTT-T9 (*Leptastrea pruinosa*)		

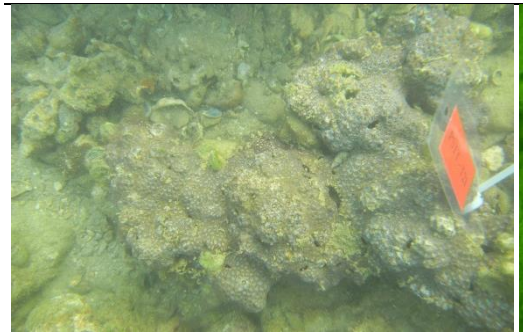
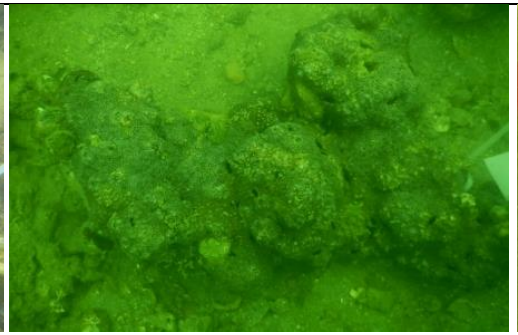
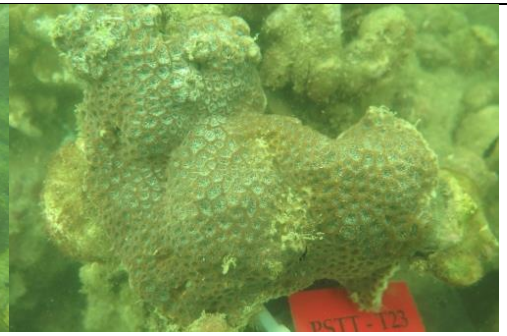
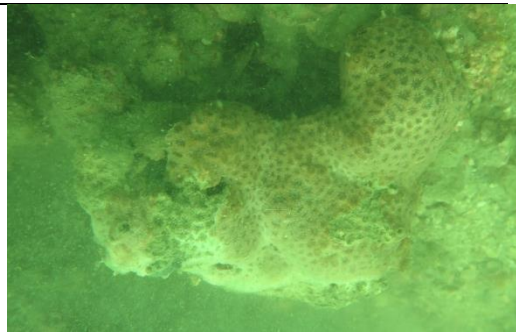
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T10 (*Lithophyllon undulatum*)		
		
Tag No.: PSTT-T11 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T12A (*Plesiastrea versipora*)		

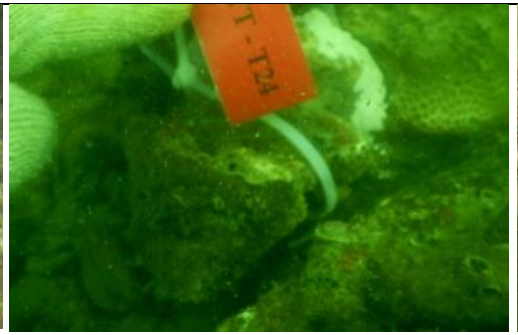
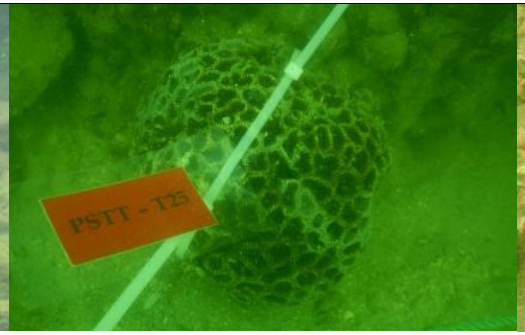
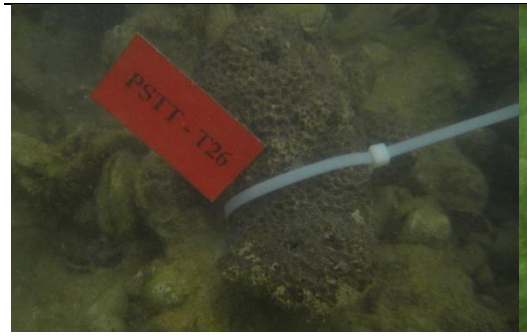
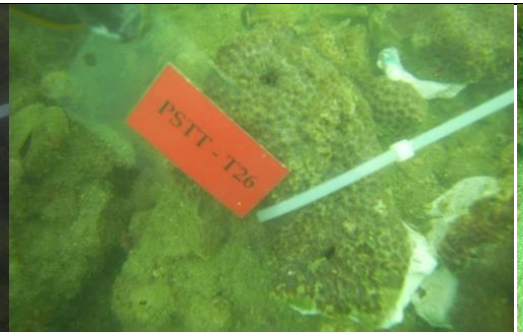
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T12B (*Oulastrea crispata*)		
		
Tag No.: PSTT-T12C (*Oulastrea crispata*)		
		
Tag No.: PSTT-T12D (*Leptastrea pruinosa*)		

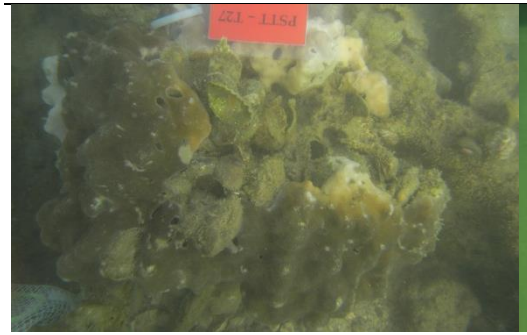
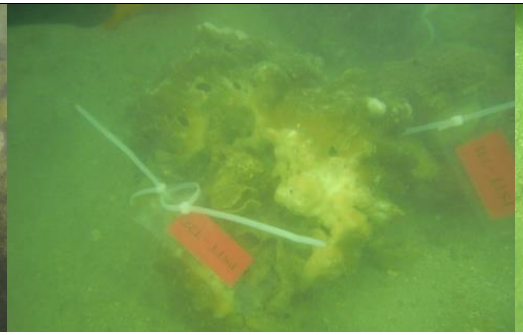
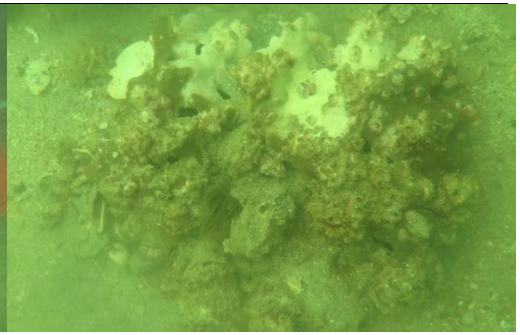
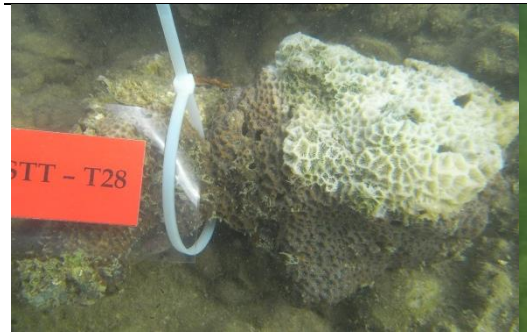
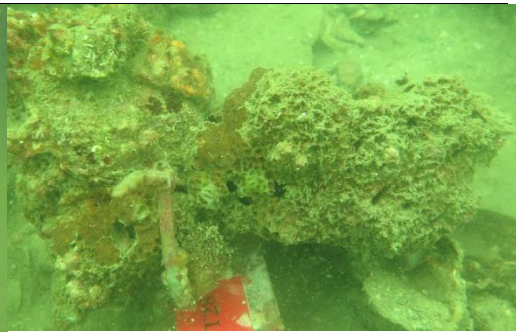
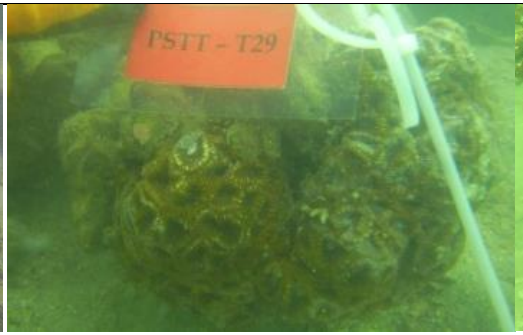
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T13A (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T13B (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T14 (*Leptastrea pruinosa*)		

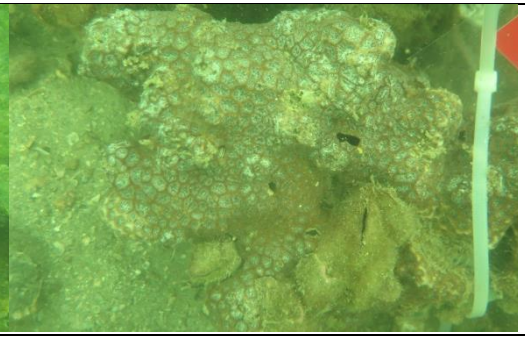
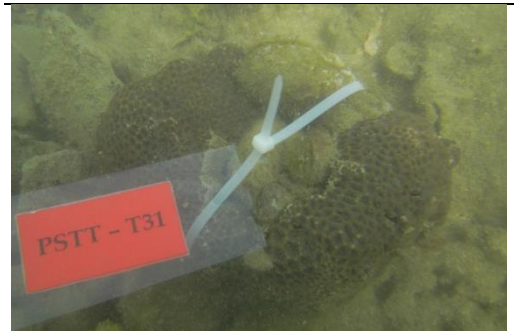
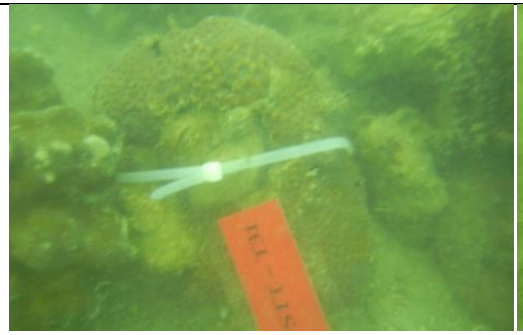
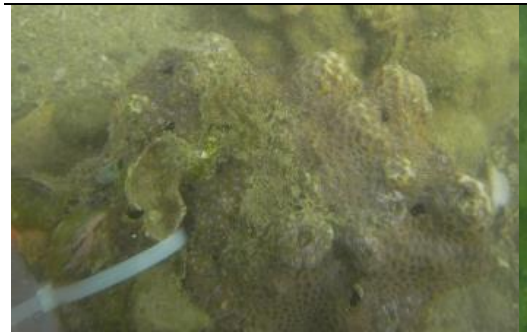
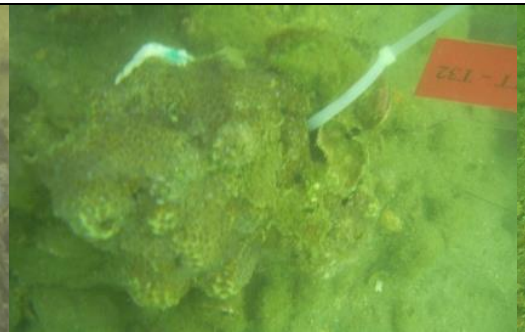
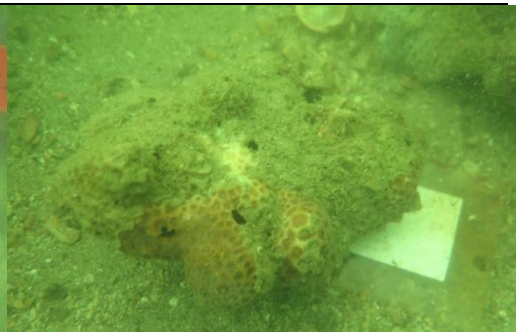
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T15 (*Porites* sp.)		
		
Tag No.: PSTT-T16 (*Porites* sp.)		
		
Tag No.: PSTT-T17 (*Leptastrea pruinosa*)		

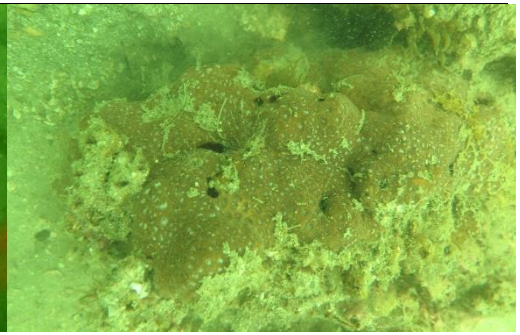
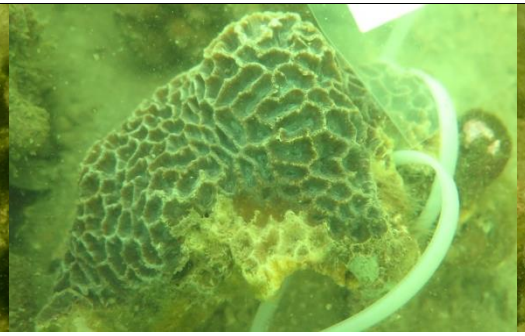
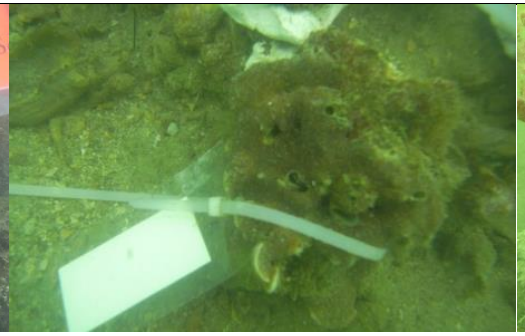
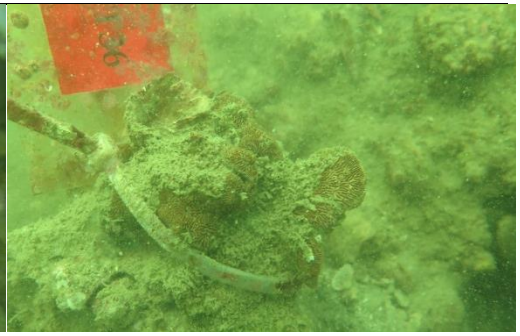
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T18 (*Porites* sp.)		
		
Tag No.: PSTT-T19 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T20 (*Pavona decussata*)		

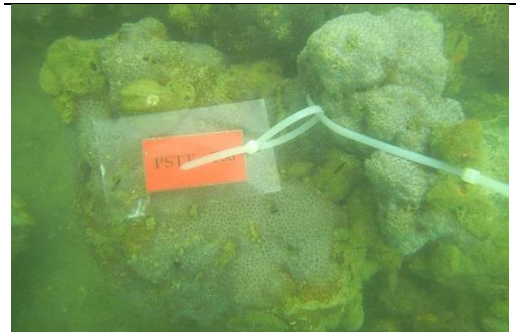
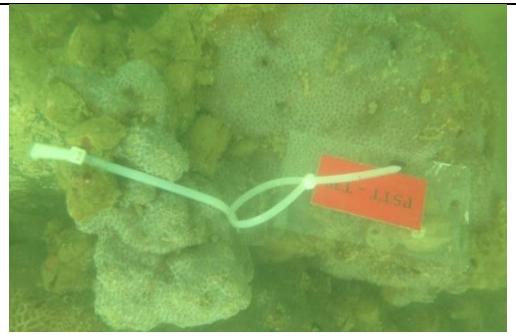
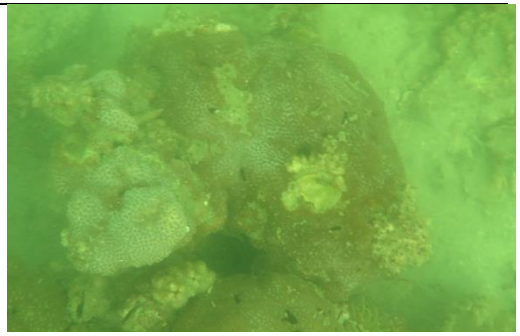
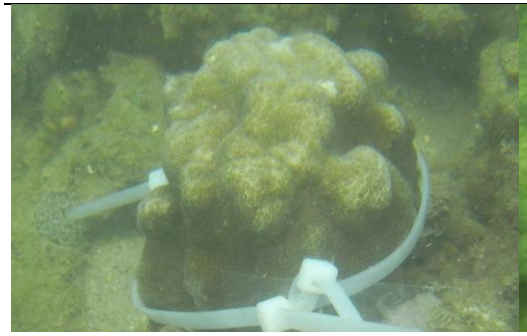
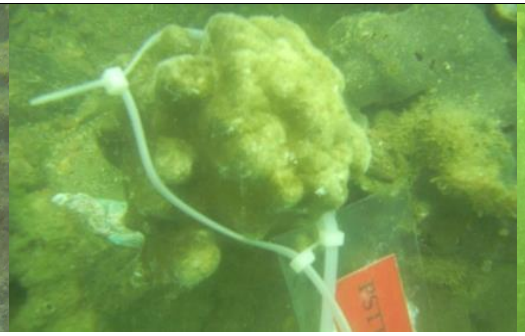
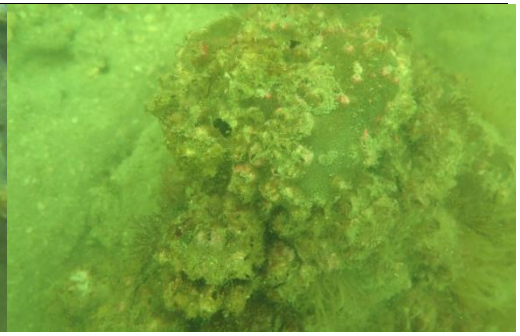
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T21 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T22 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T23 (*Leptastrea pruinosa*)		

Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T24 (*Leptastrea purpurea*)		
		
Tag No.: PSTT-T25 (*Dipsastraea rotumana*)		
		
Tag No.: PSTT-T26 (*Leptastrea purpurea*)		

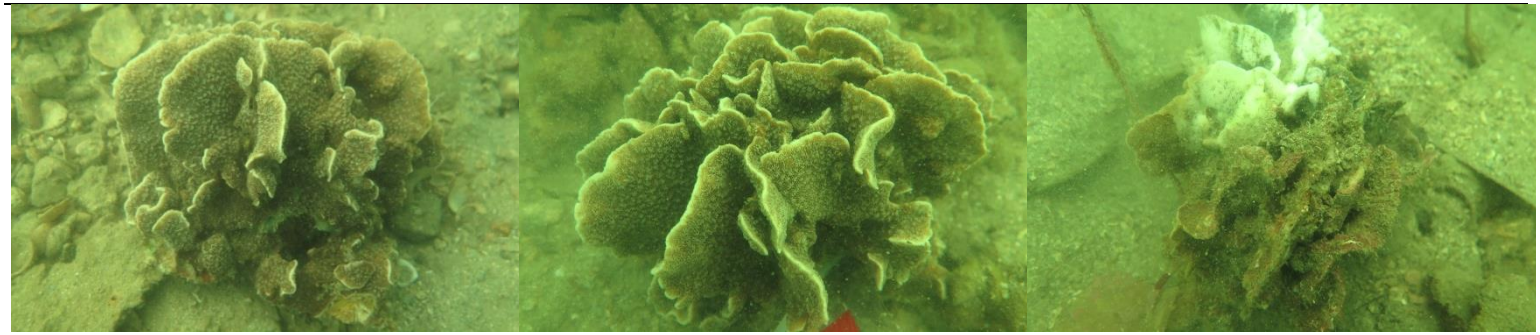
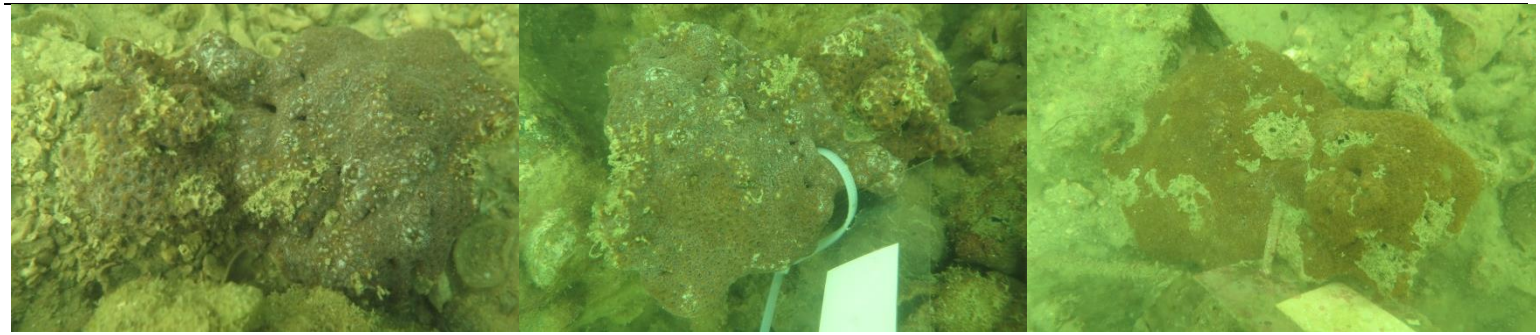
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T27 (*Porites* sp.)		
		
Tag No.: PSTT-T28 (*Leptastrea purpurea*)		
		
Tag No.: PSTT-T29 (*Dipsastraea rotumana*)		

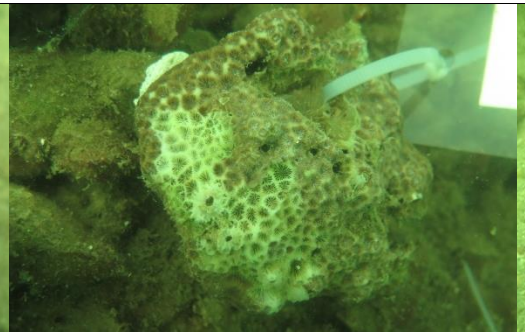
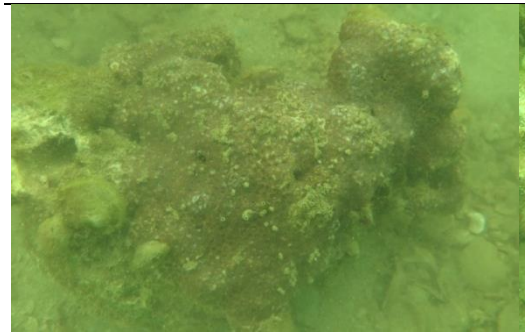
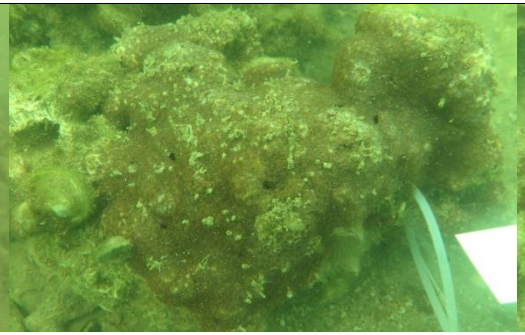
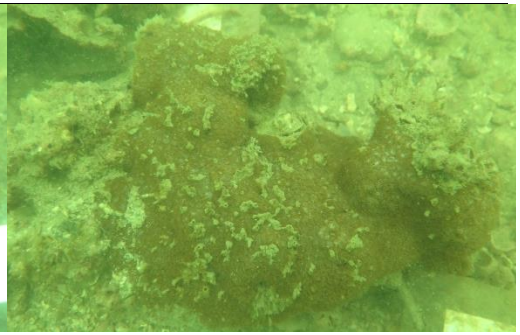
Pre-translocation	Post-translocation	Post-project monitoring
		N/A
Tag No.: PSTT-T30 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T31 (*Favites pentagona*)		
		
Tag No.: PSTT-T32 (*Leptastrea pruinosa*)		

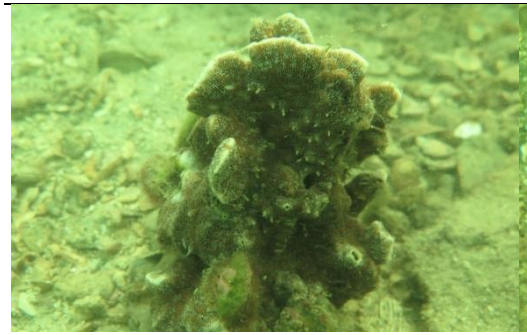
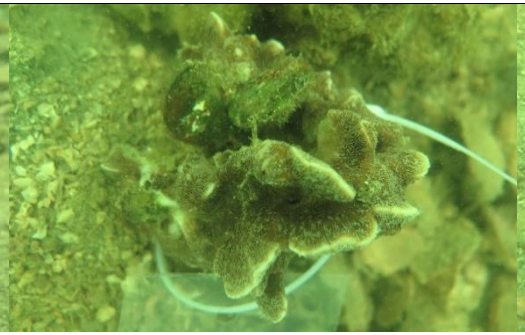
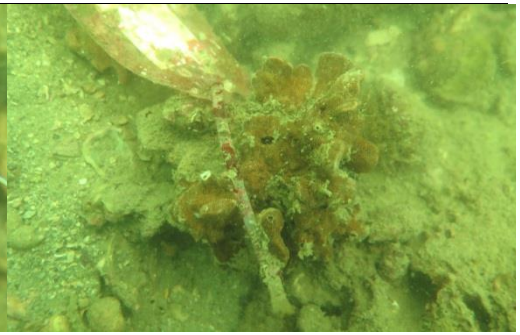
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T33 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T34 (*Platygyra carnosus*)		
		
Tag No.: PSTT-T36 (*Pavona decussata*)		

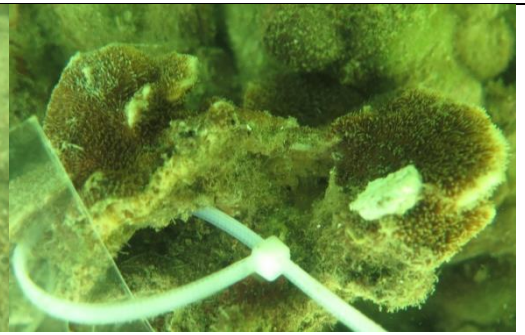
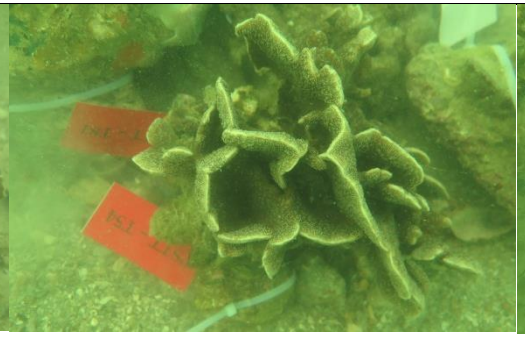
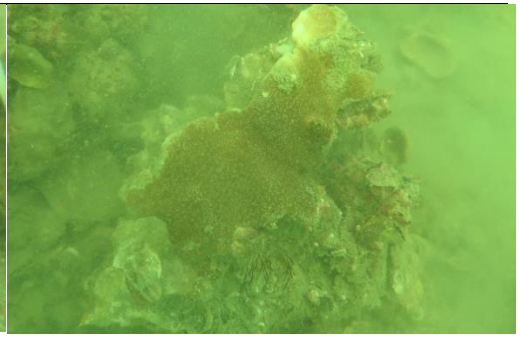
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T37 (*Lithophyllon undulatum*)		
		
Tag No.: PSTT-T38 (*Cyphastrea serailia*)		
		
Tag No.: PSTT-T39 (*Porites* sp.)		

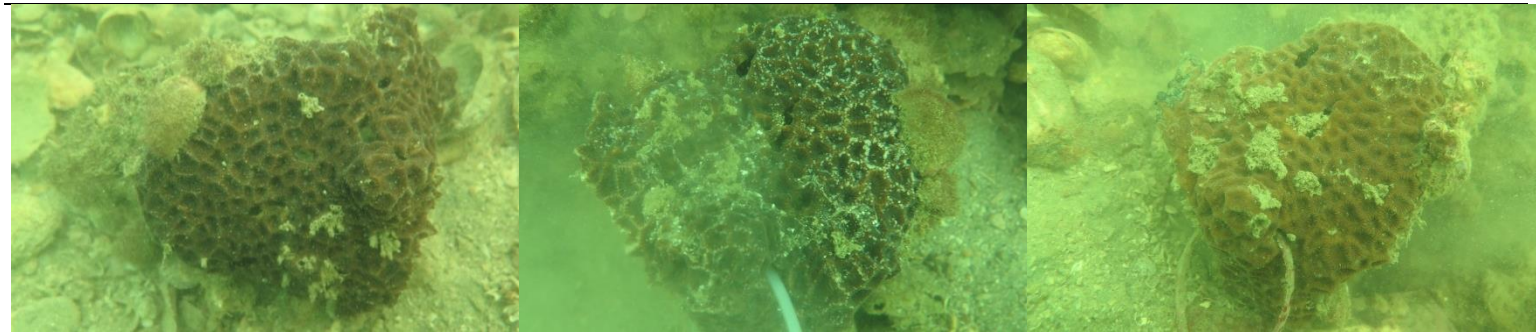
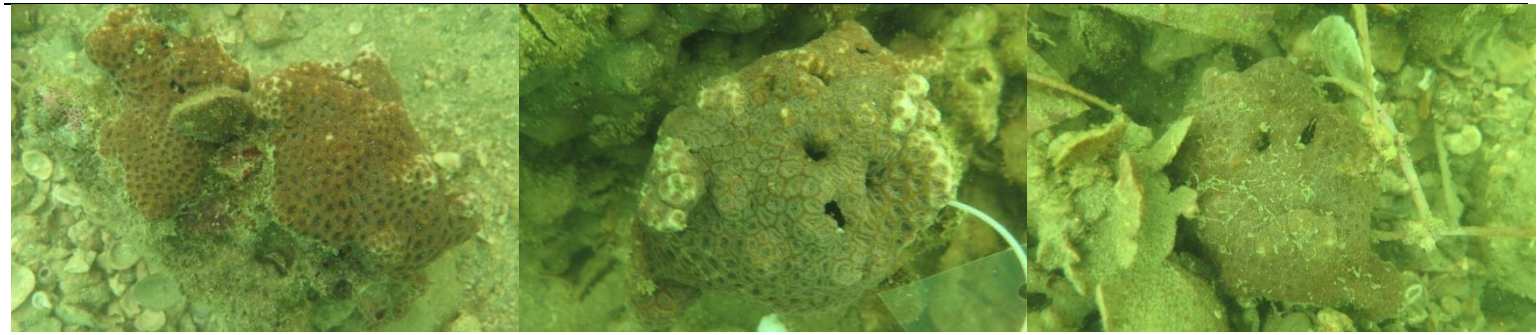
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T41 (*Pavona decussata*)		
		
Tag No.: PSTT-T42 (*Pavona decussata*)		
		
Tag No.: PSTT-T43 (*Lithophyllon undulatum*)		

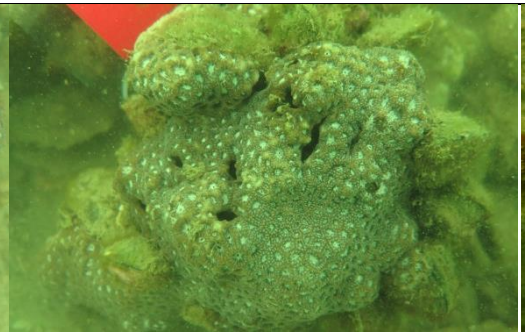
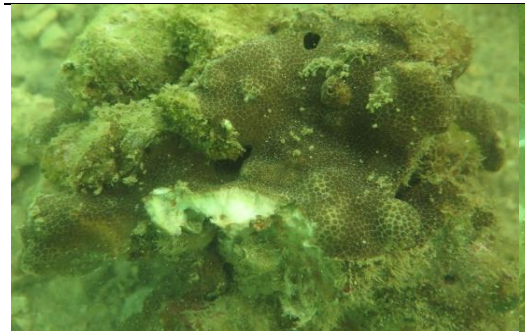
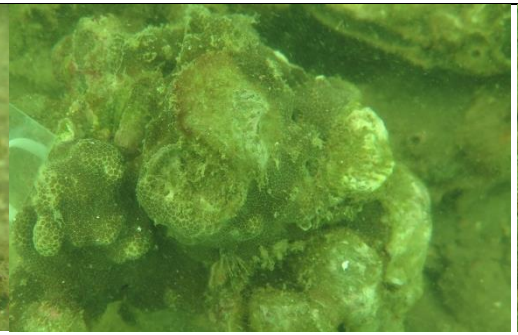
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T44 (*Pavona decussata*)		
		
Tag No.: PSTT-T45 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T46 (*Leptastrea pruinosa*)		

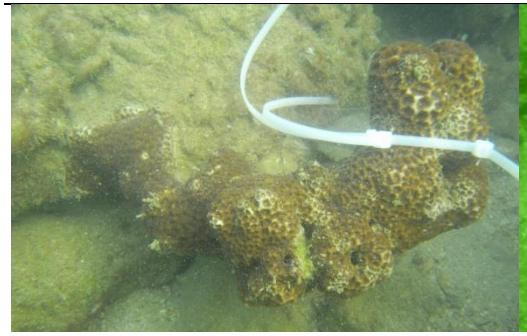
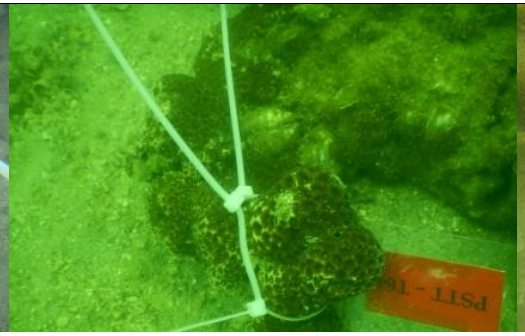
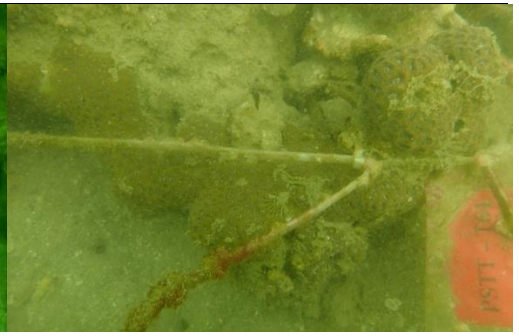
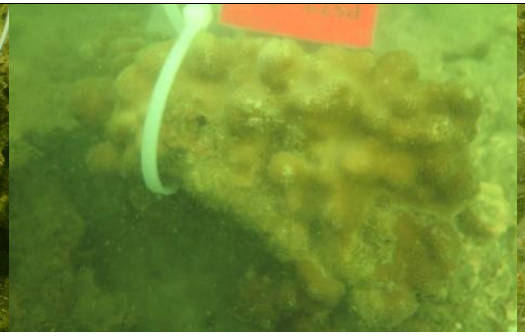
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T47 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T48 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T49 (*Leptastrea pruinosa*)		

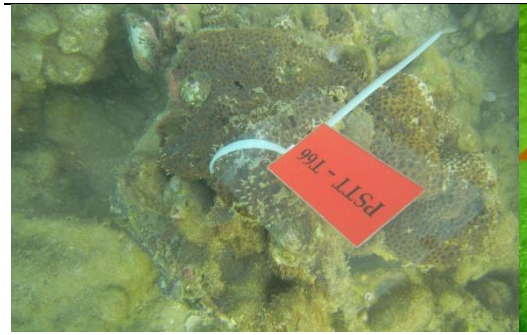
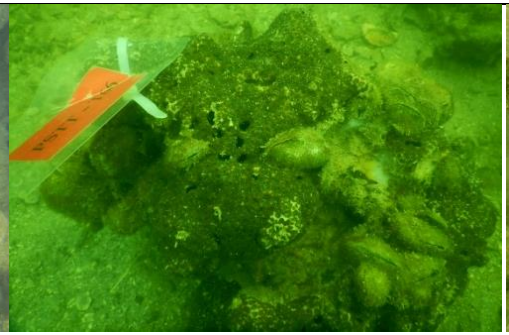
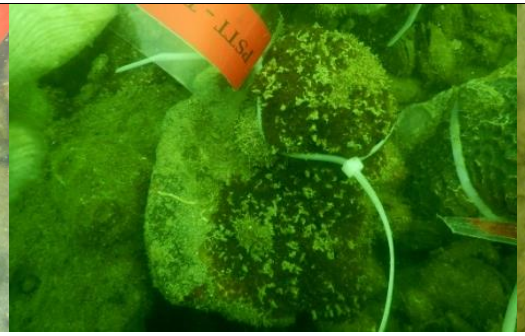
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T50 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T51 (*Pavona decussata*)		
		
Tag No.: PSTT-T52 (*Pavona decussata*)		

Pre-translocation	Post-translocation	Post-project monitoring
		N/A
Tag No.: PSTT-T53 (*Pavona decussata*)		
		
Tag No.: PSTT-T54 (*Pavona decussata*)		
		
Tag No.: PSTT-T55 (*Leptastrea pruinosa*)		

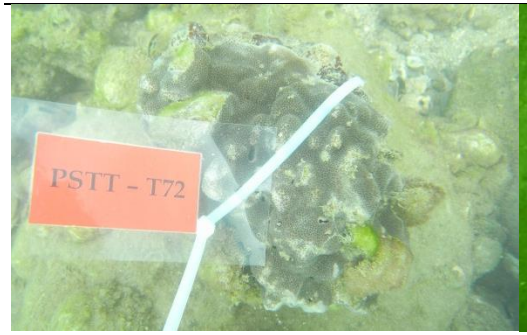
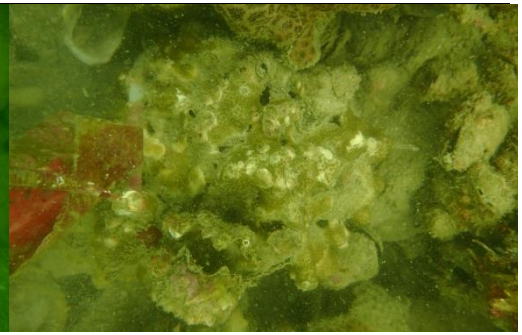
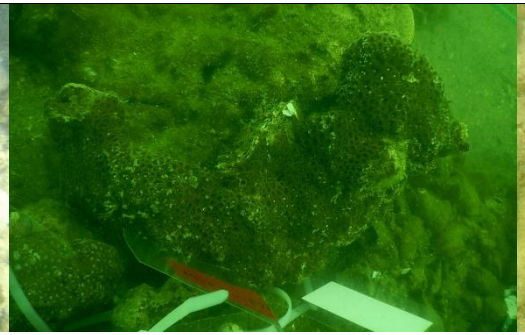
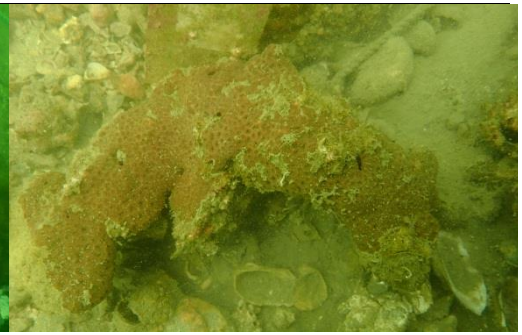
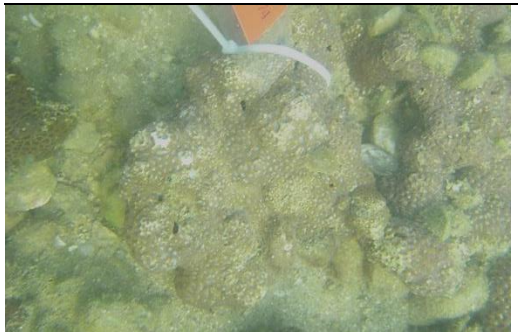
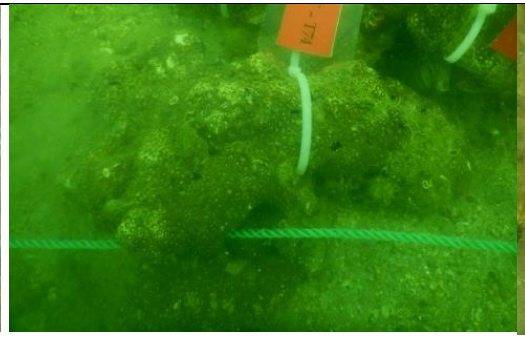
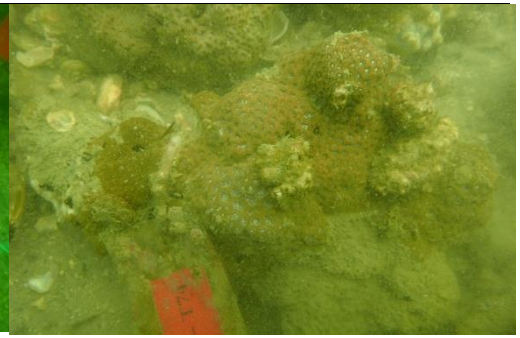
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T56 (*Favites acuticollis*)		
		
Tag No.: PSTT-T57 (*Favites pentagona*)		
		
Tag No.: PSTT-T58 (*Leptastrea pruinosa*)		

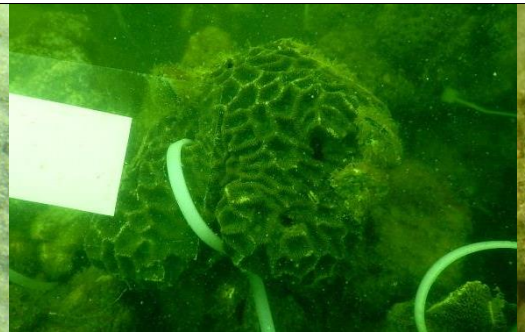
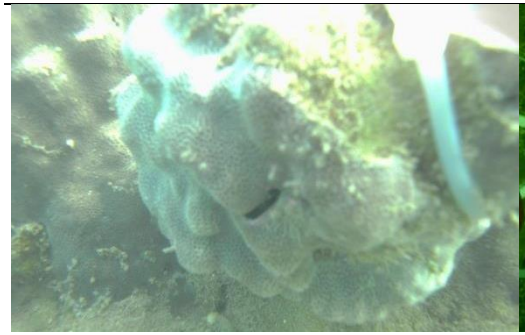
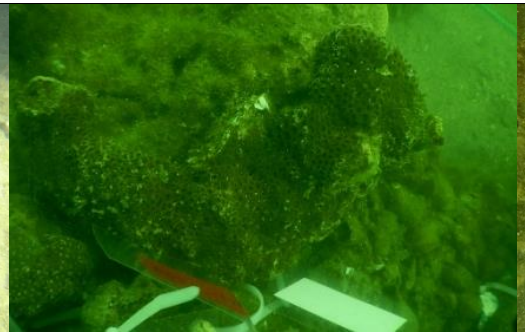
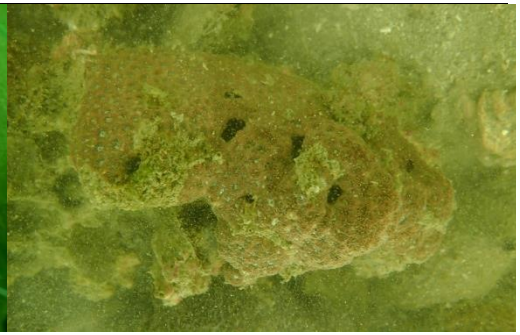
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T59 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T60 (*Porites* sp.)		
		
Tag No.: PSTT-T61 (*Psammocora haimeana*)		

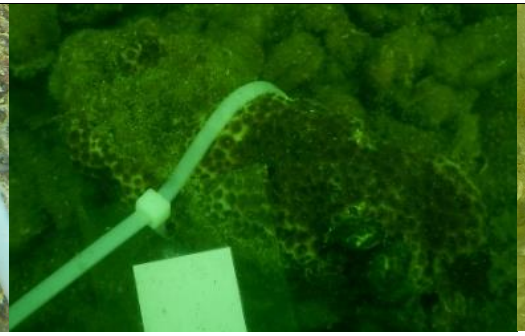
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T62 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T64 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T65 (*Porites* sp.)		

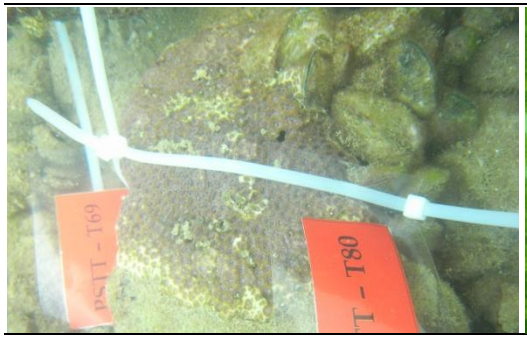
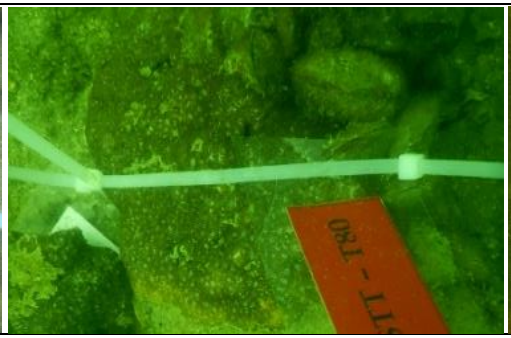
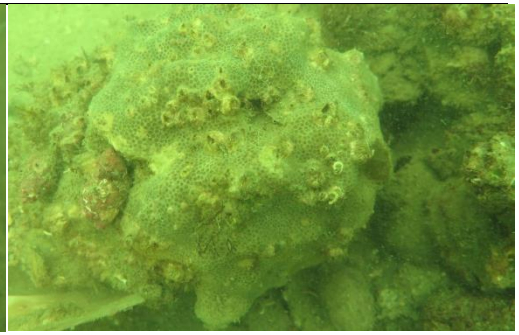
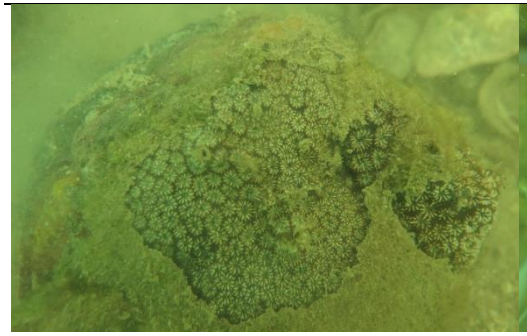
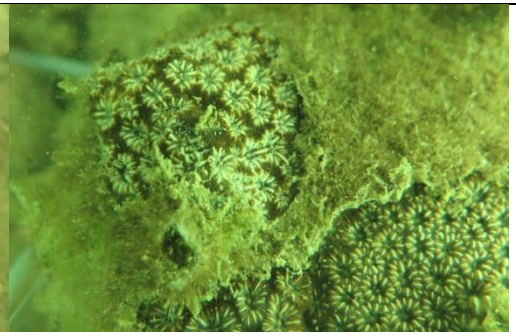
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T66 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T67 (*Leptastrea purpurea*)		
		
Tag No.: PSTT-T68 (*Cyphastrea serailia*)		

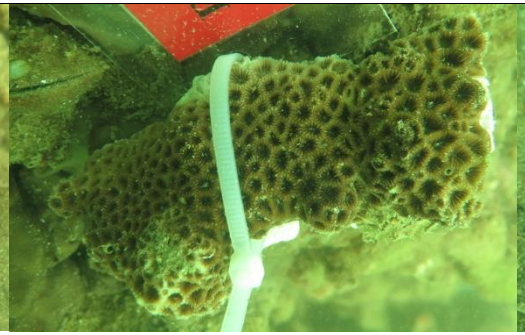
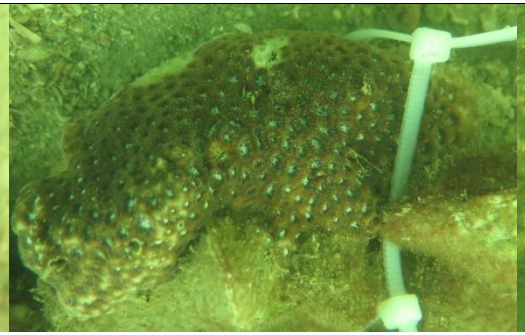
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T69 (*Goniastrea aspera*)		
		
Tag No.: PSTT-T70 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T71 (*Leptastrea pruinosa*)		

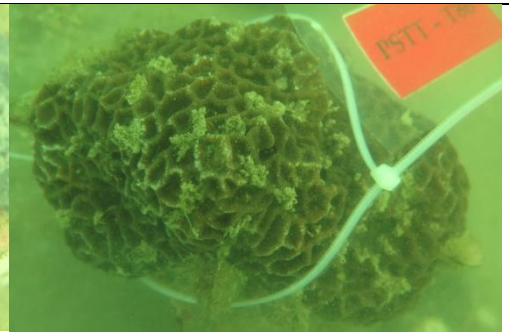
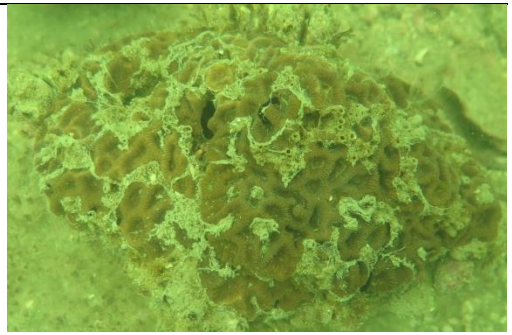
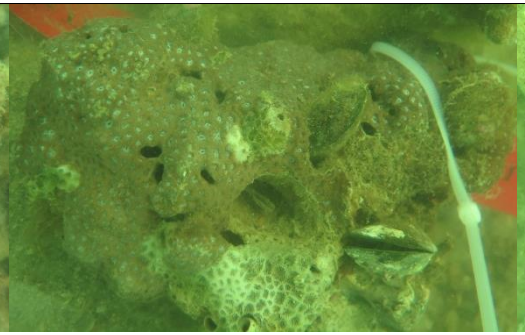
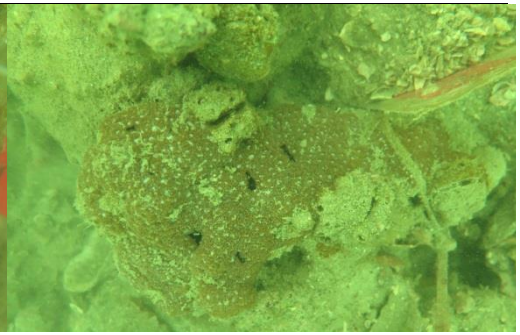
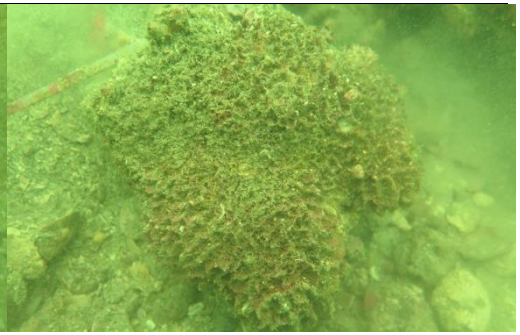
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T72 (*Porites* sp.)		
		
Tag No.: PSTT-T73 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T74 (*Leptastrea purpurea*)		

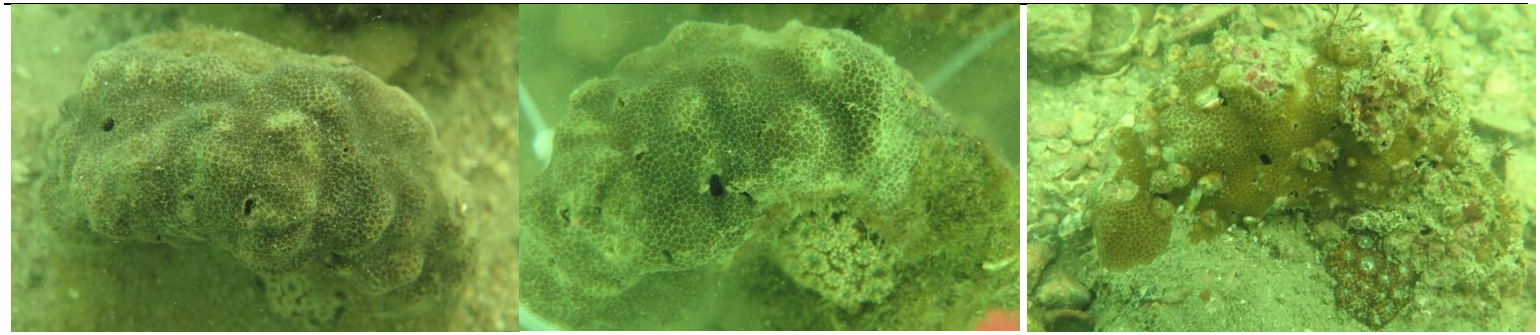
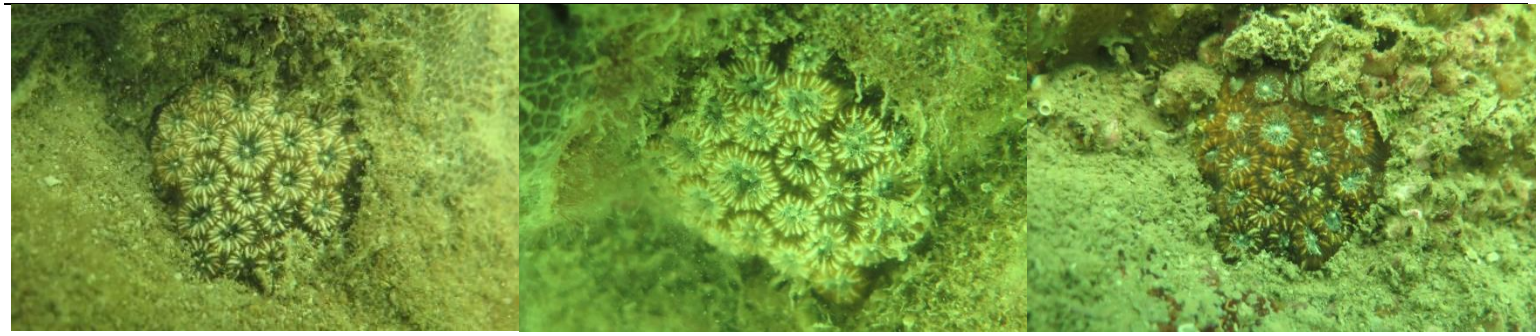
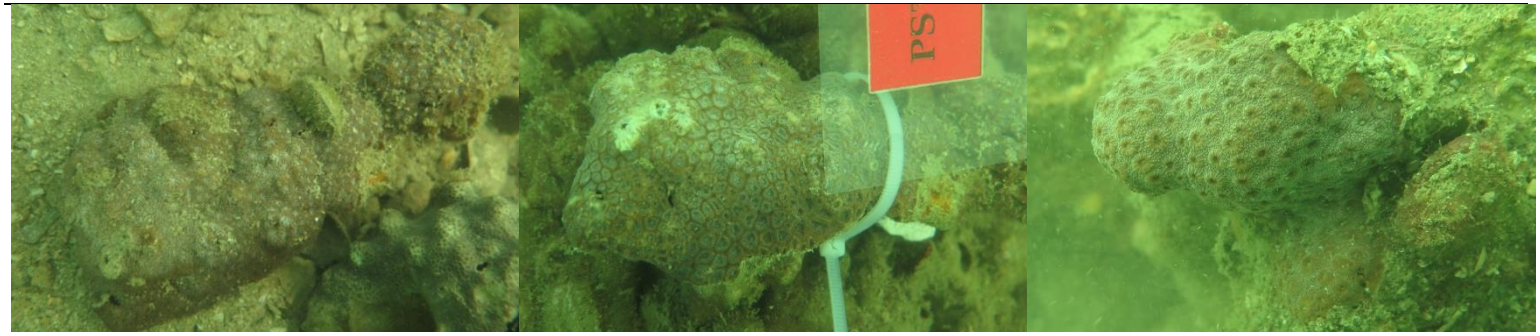
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T75 (*Favites chinensis*)		
		
Tag No.: PSTT-T76A (*Porites* sp.)		
		
Tag No.: PSTT-T76B (*Leptastrea pruinosa*)		

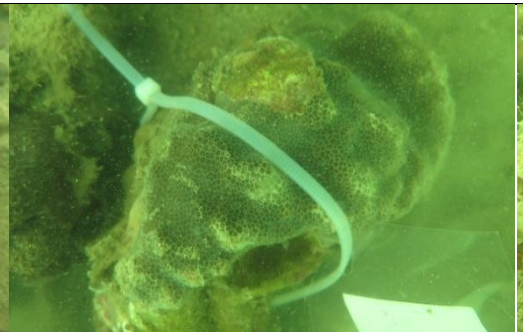
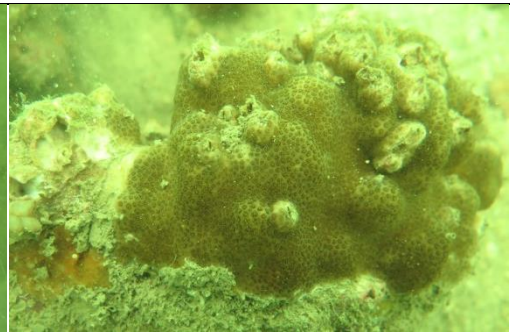
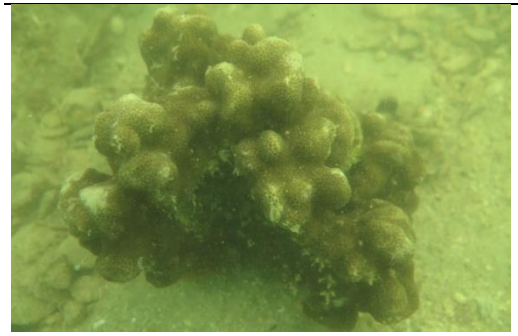
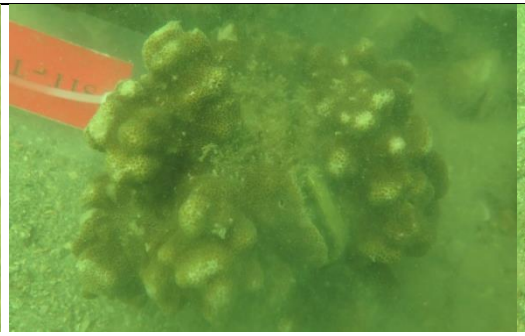
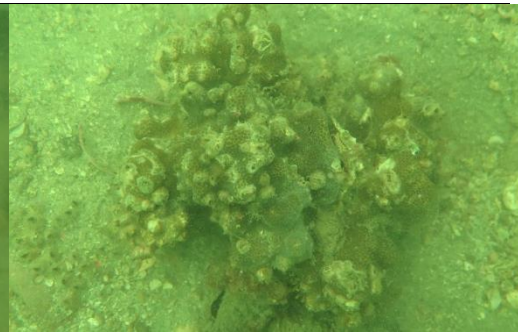
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T77 (*Leptastrea purpurea*)		
		
Tag No.: PSTT-T78 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T79A&B (*Favites chinensis* & *Oulastrea cripata*)		

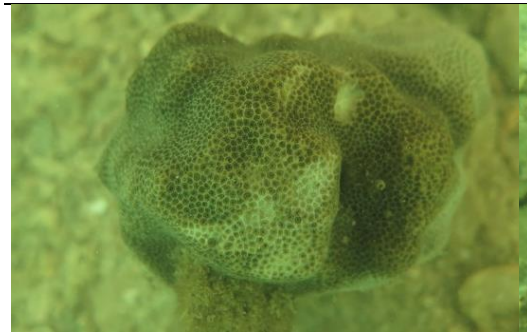
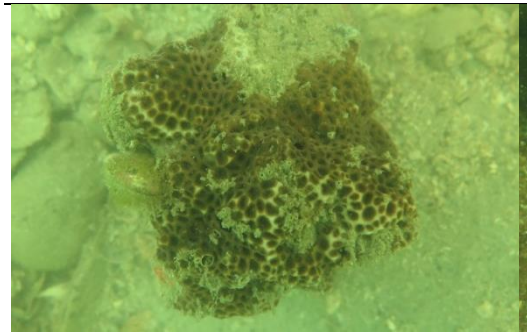
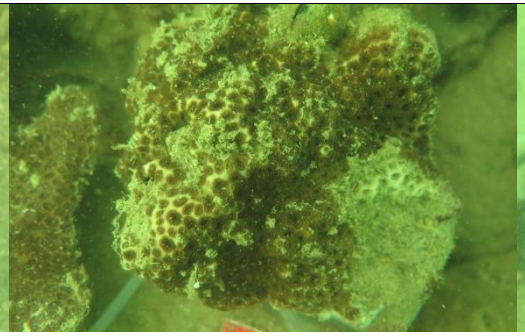
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T80 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T81 (*Porites* sp.)		
		
Tag No.: PSTT-T82A&B (*Oulastrea crispata*)		

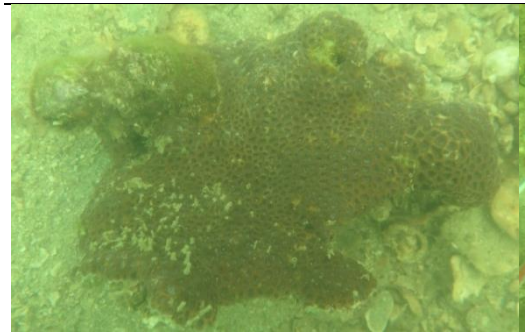
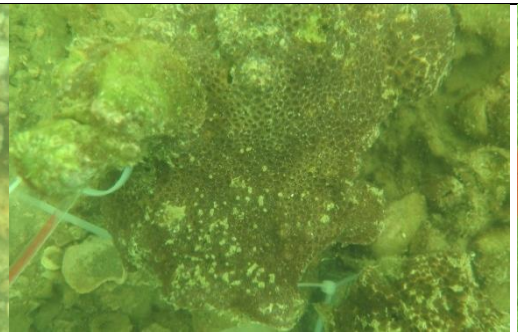
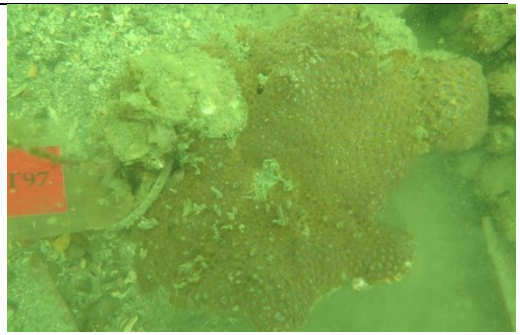
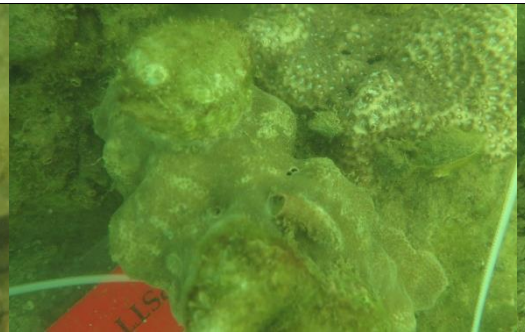
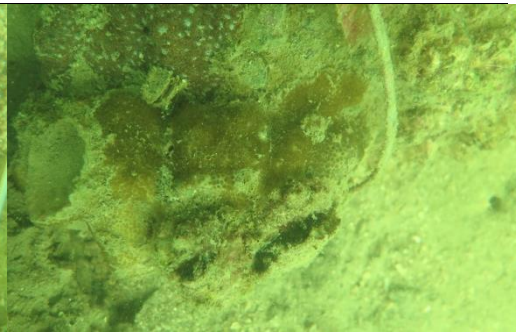
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T83 (*Favites pentagona*)		
		
Tag No.: PSTT-T84 (*Favites pentagona*)		
		
Tag No.: PSTT-T85 (*Leptastrea pruinosa*)		

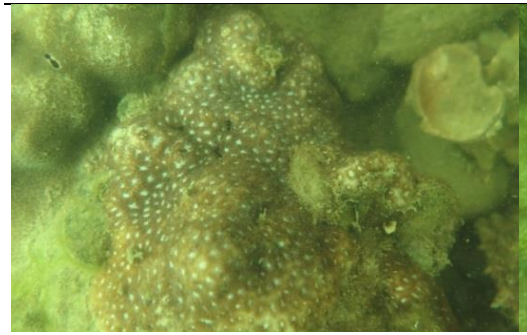
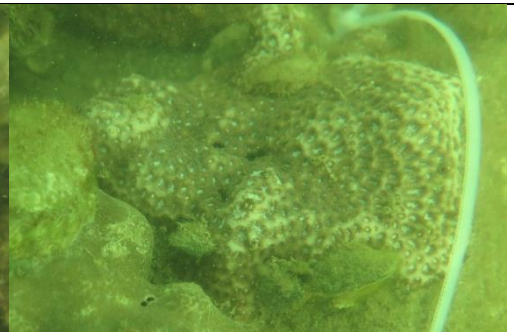
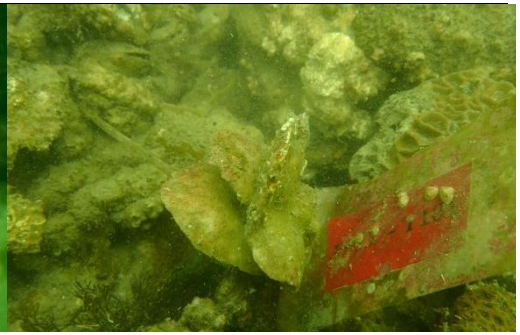
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T86 (*Favites acuticollis*)		
		
Tag No.: PSTT-T87 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T88 (*Platygyra acuta*)		

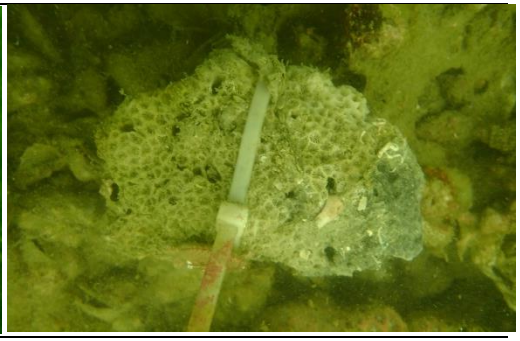
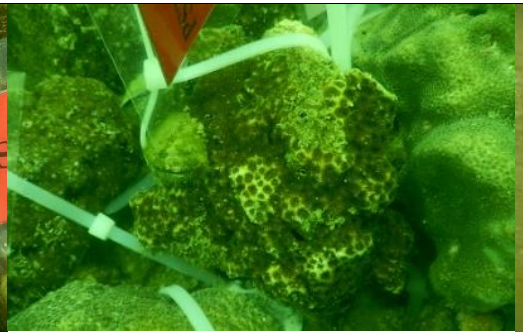
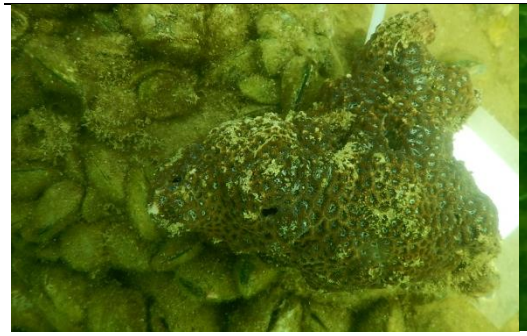
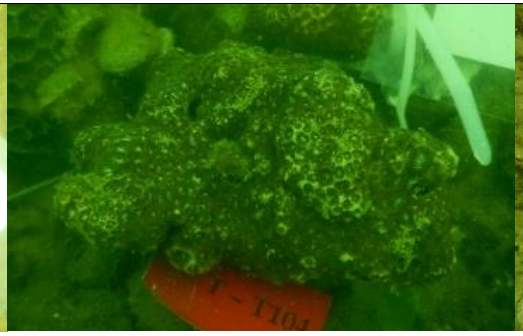
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T89A (*Porites* sp.)		
		
Tag No.: PSTT-T89B (*Oulastrea crispata*)		
		
Tag No.: PSTT-T90 (*Leptastrea pruinosa*)		

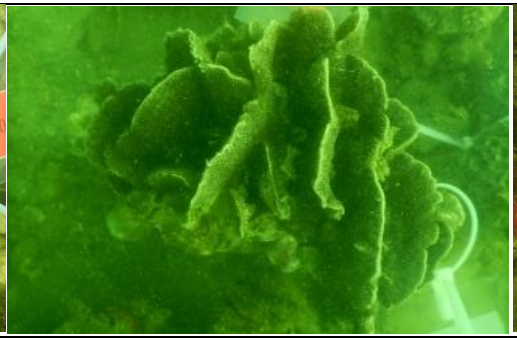
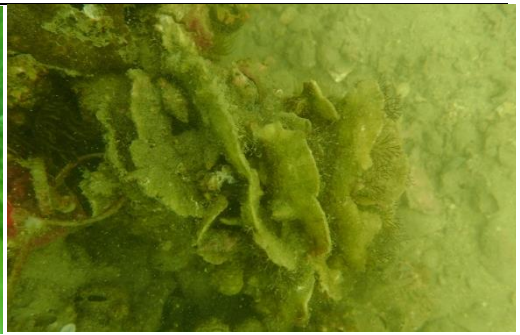
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T91 (*Porites* sp.)		
		
Tag No.: PSTT-T92 (*Dipsastraea rotumana*)		
		
Tag No.: PSTT-T93 (*Porites* sp.)		

Pre-translocation	Post-translocation	Post-project monitoring
		N/A
Tag No.: PSTT-T94 (*Leptastrea purpurea*)		
		
Tag No.: PSTT-T95 (*Porites* sp.)		
		
Tag No.: PSTT-T96 (*Leptastrea purpurea*)		

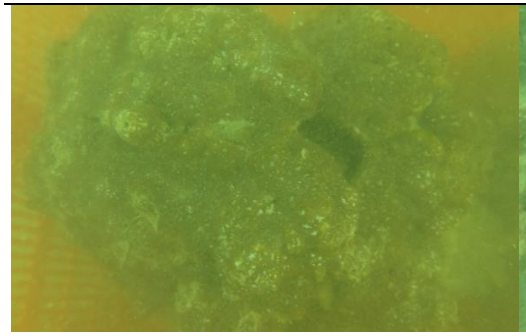
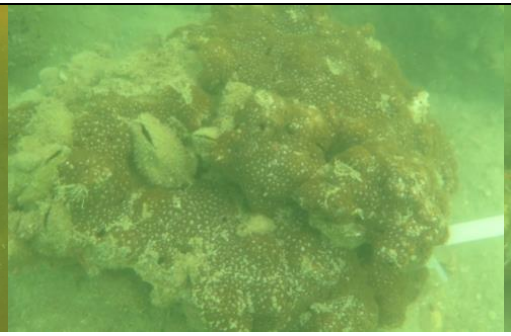
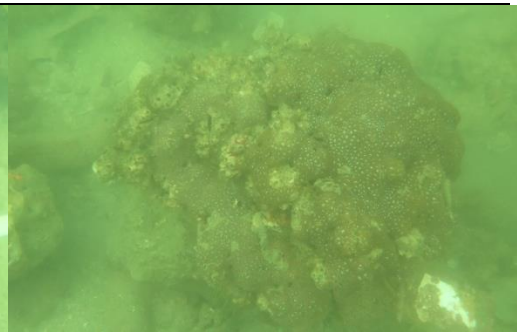
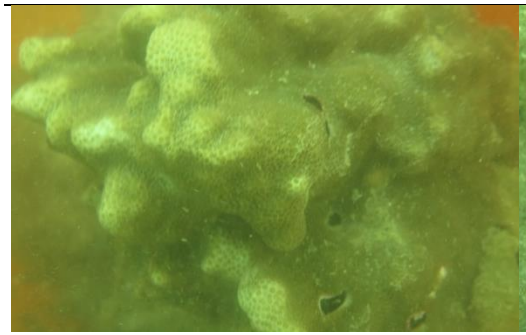
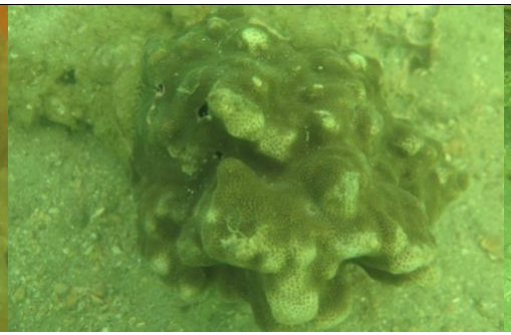
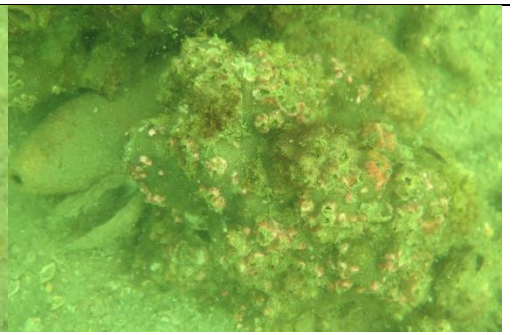
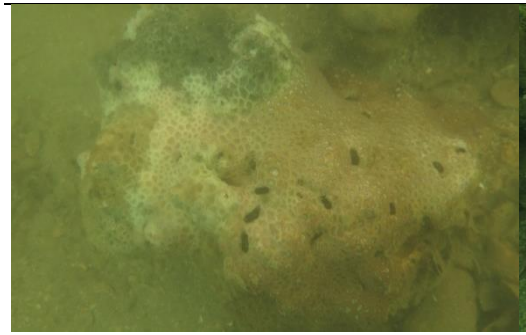
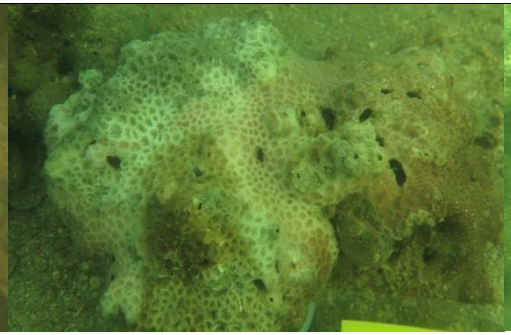
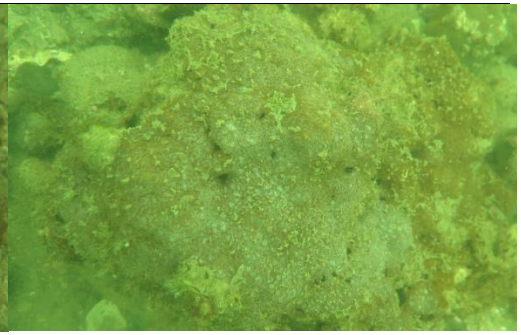
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T97 (*Leptastrea pruinosa*)		
		N/A
Tag No.: PSTT-T98 (*Plesiastrea versipora*)		
		
Tag No.: PSTT-T99A (*Porites* sp.)		

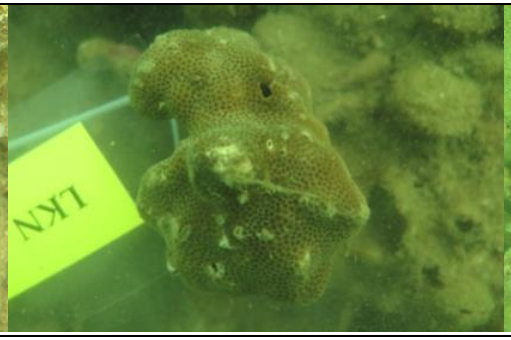
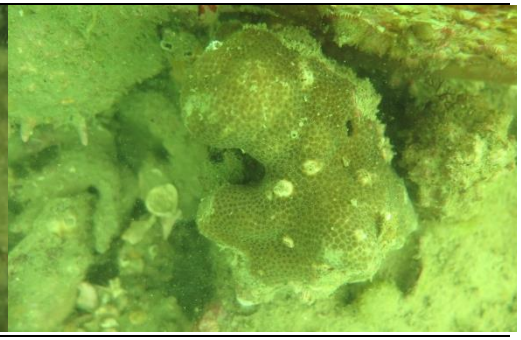
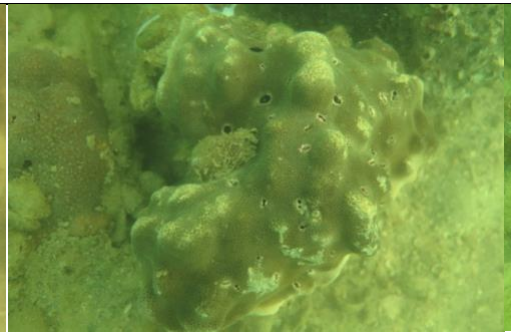
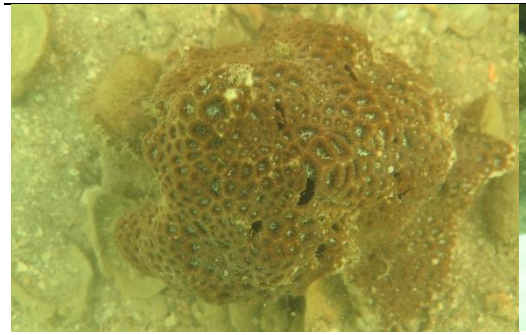
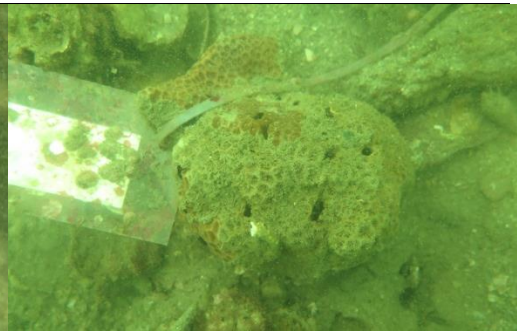
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T99B (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T100 (*Porites* sp.)		
		
Tag No.: PSTT-T101(*Pavona decussata*)		

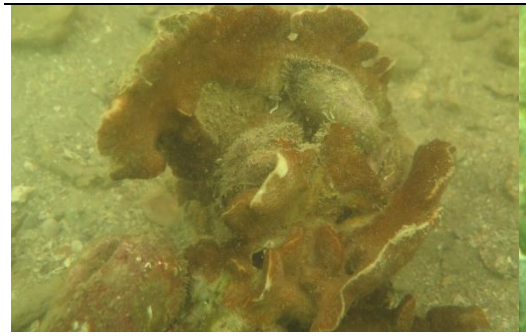
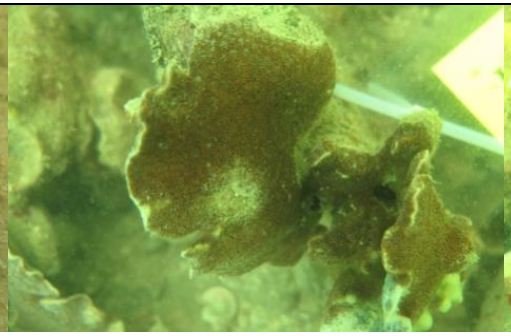
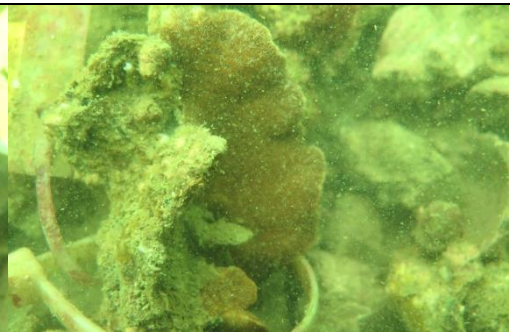
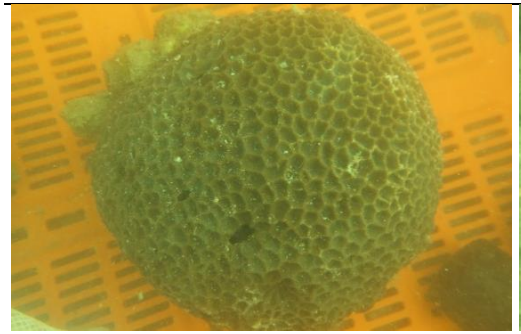
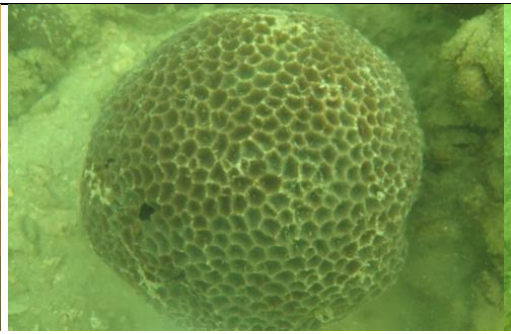
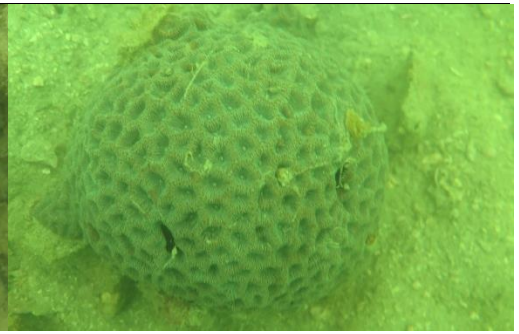
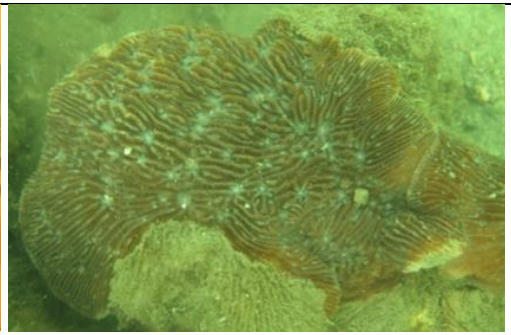
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T102 (*Leptastrea pruinosa*)		
		
Tag No.: PSTT-T103 (*Leptastrea purpurea*)		
		
Tag No.: PSTT-T104 (*Leptastrea pruinosa*)		

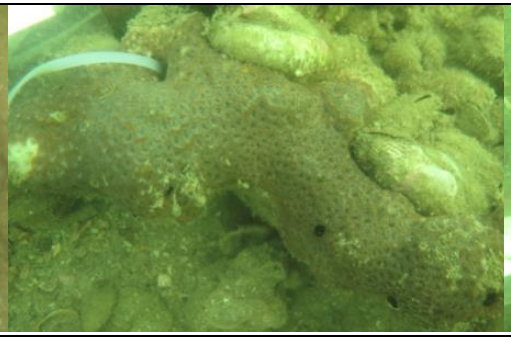
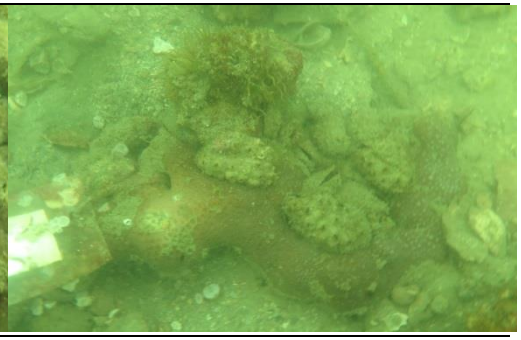
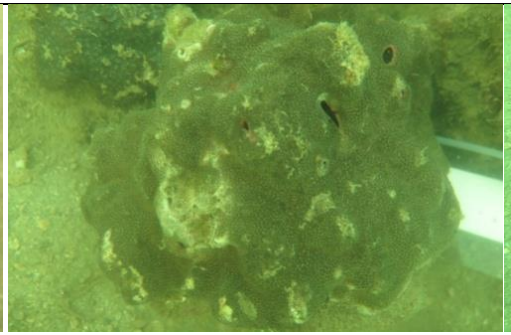
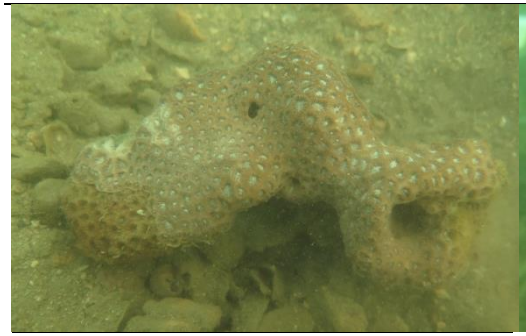
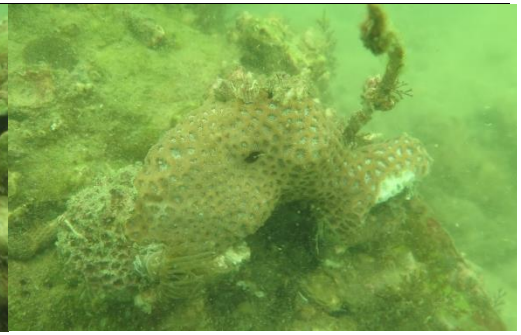
Pre-translocation	Post-translocation	Post-project monitoring
		
Tag No.: PSTT-T105 (*Pavona decussata*)		

Annex A2 – Translocated Corals from Liu Ko Ngam

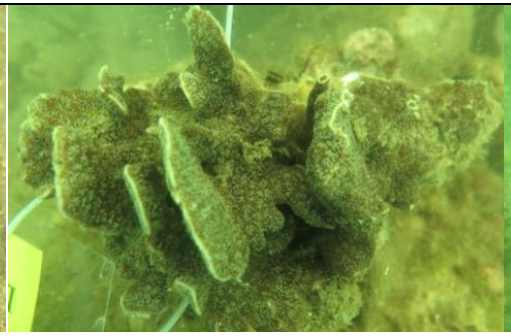
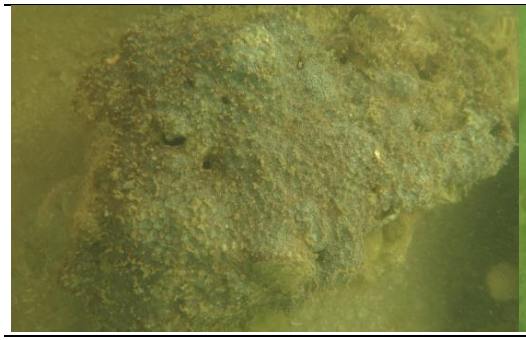
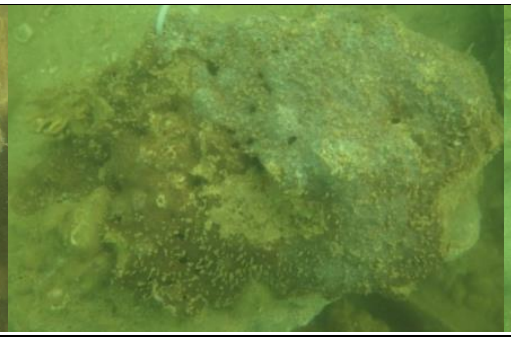
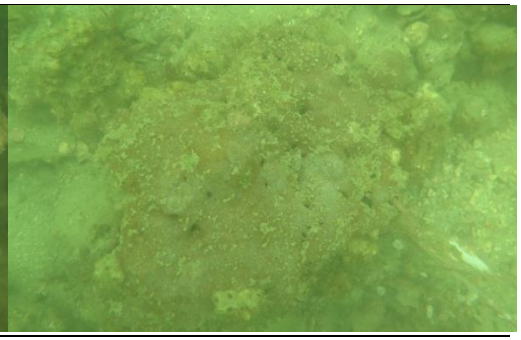
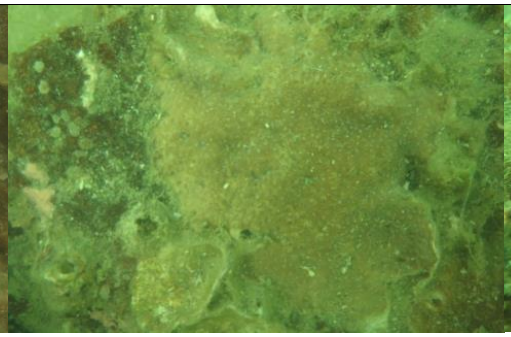
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T1 (*Leptastrea pruinosa*)		
		
Tag No.: LKN-T2 (*Porites* sp.)		
		
Tag No.: LKN-T3 (*Leptastrea purpurea*)		

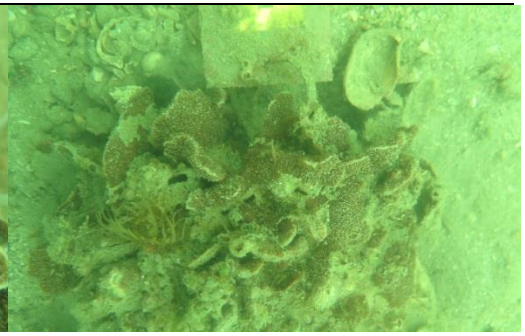
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T4 (*Porites* sp.)		
		
Tag No.: LKN-T5 (*Porites* sp.)		
		
Tag No.: LKN-T6 (*Leptastrea purpurea*)		

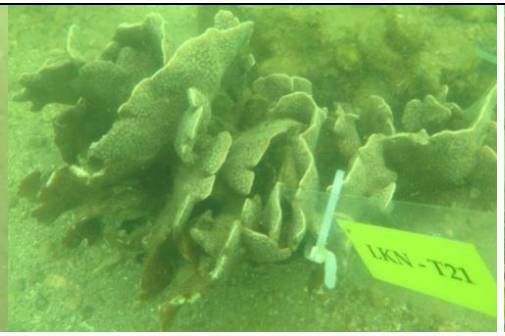
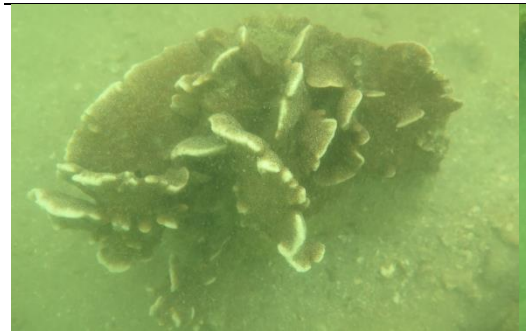
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T7 (*Pavona decussata*)		
		
Tag No.: LKN-T8 (*Favites acuticollis*)		
		N/A
Tag No.: LKN-T9 (*Lithophyllon undulatum*)		

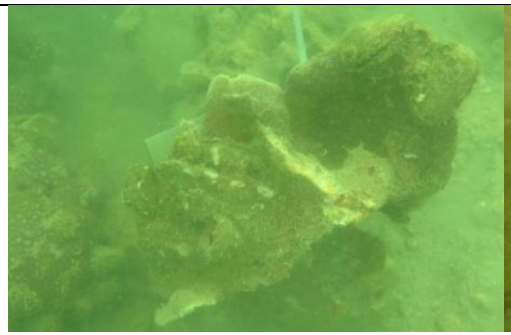
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T10 (*Leptastrea pruinosa*)		
		
Tag No.: LKN-T11 (*Porites* sp.)		
		
Tag No.: LKN-T12 (*Leptastrea purpurea*)		

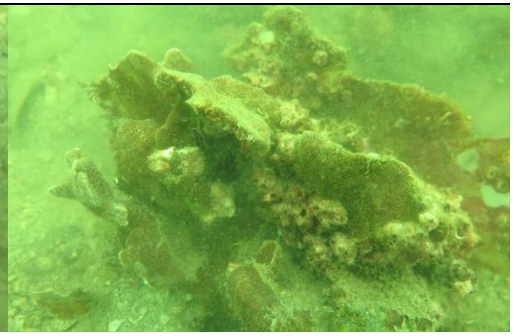
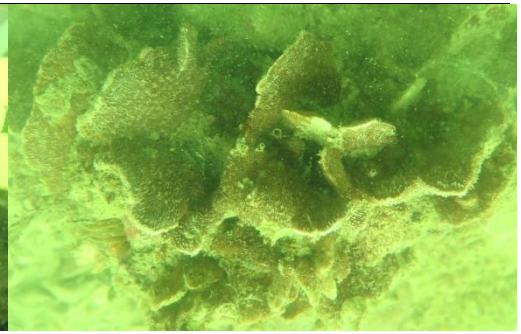
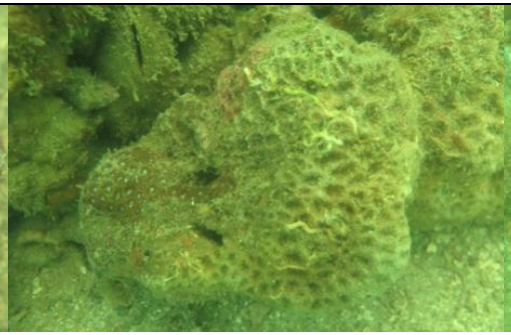
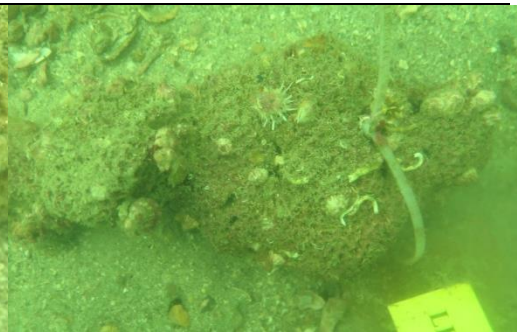
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T13 (*Lithophyllon undulatum*)		
		
Tag No.: LKN-T14 (*Pavona decussata*)		
		N/A
Tag No.: LKN-T15 (*Pavona decussata*)		

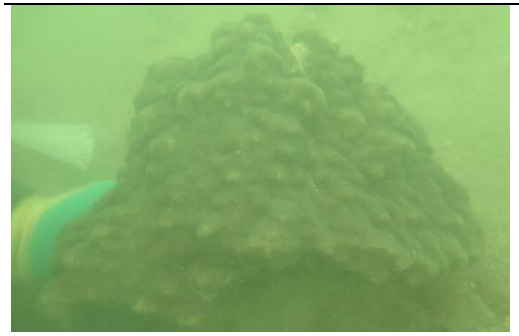
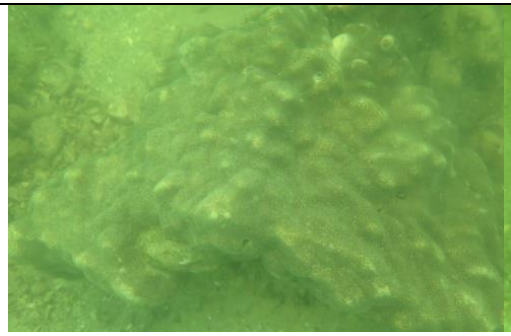
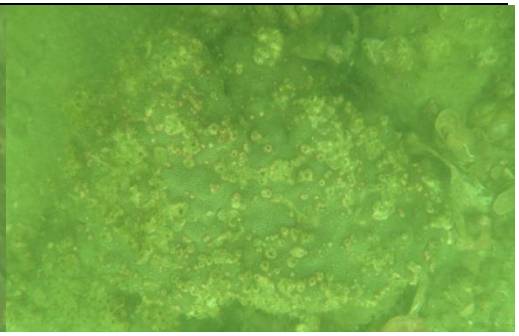
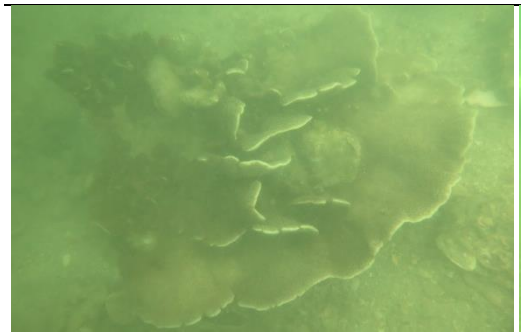
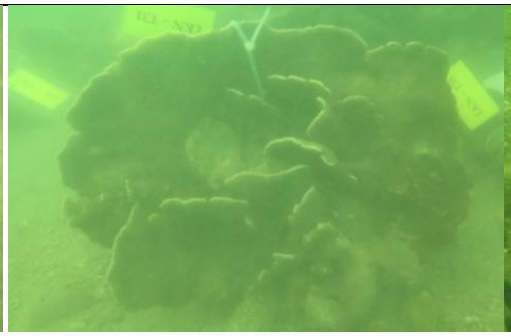
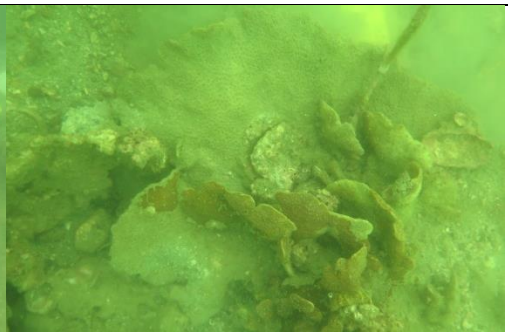
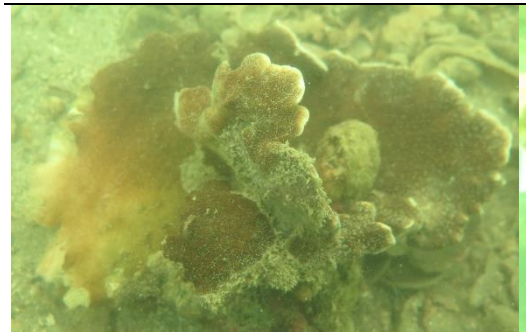
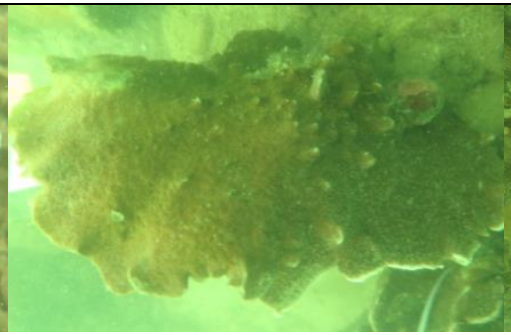
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T16 (*Pavona decussata*)		
		
Tag No.: LKN-T17 (*Leptastrea purpurea*)		
		
Tag No.: LKN-T18A (*Cyphastrea serailia*)		

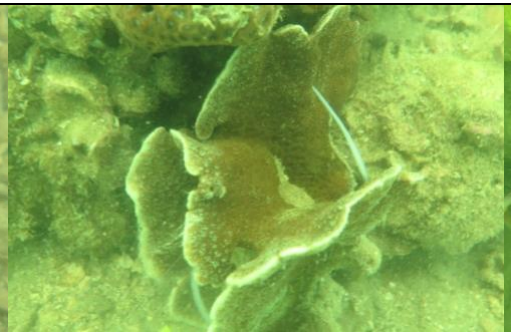
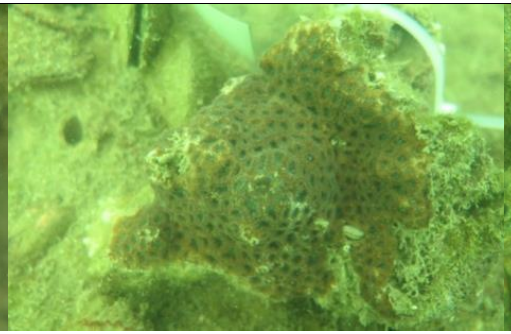
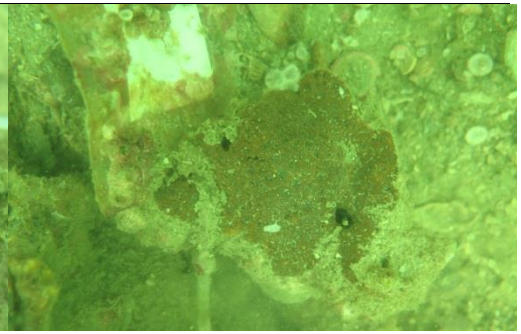
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T18B (*Pavona decussata*)		
		N/A
Tag No.: LKN-T19 (*Cyphastrea serailia*)		
		
Tag No.: LKN-T20 (*Leptastrea pruinosa*)		

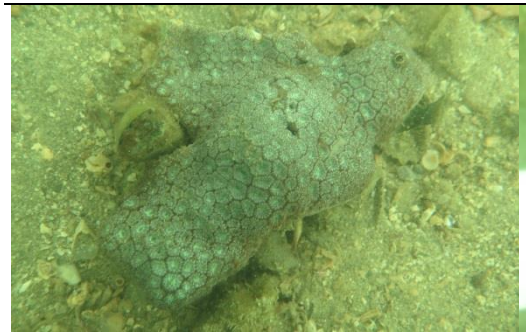
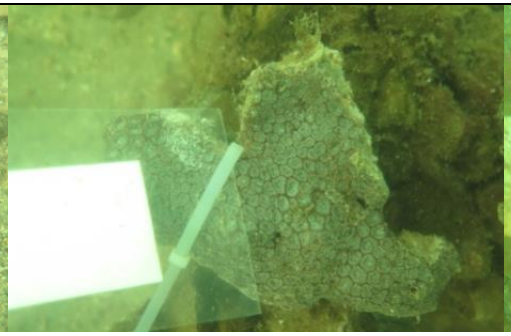
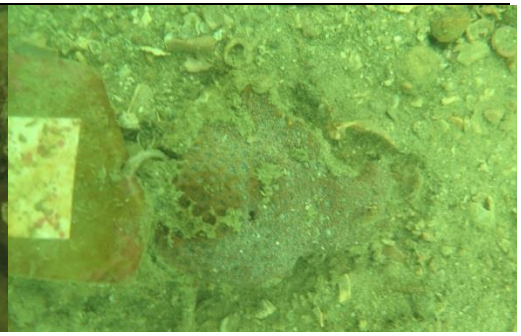
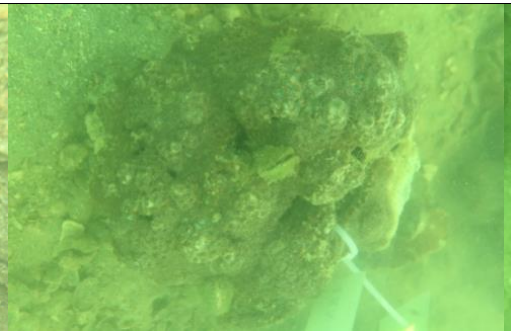
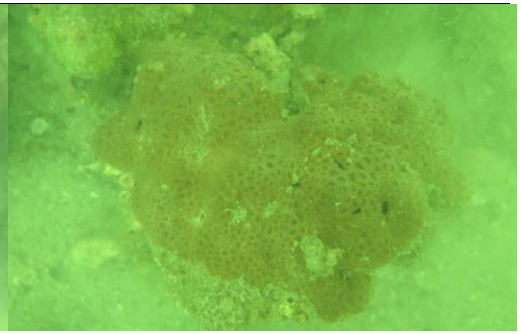
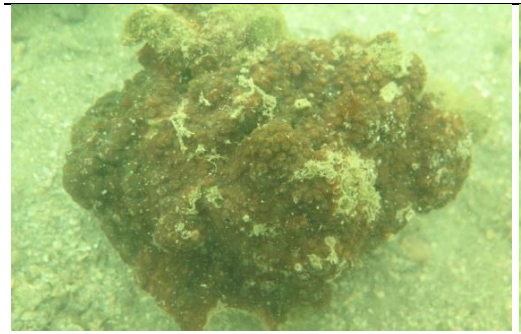
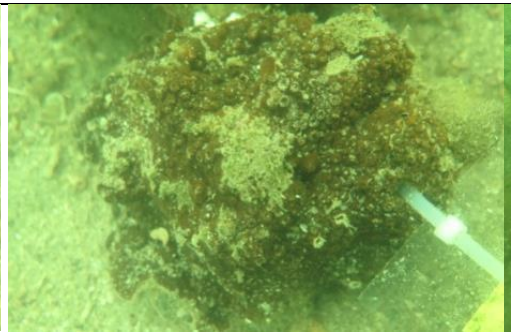
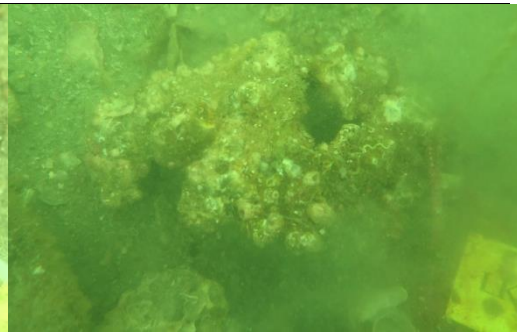
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T21 (*Pavona decussata*)		
		
Tag No.: LKN-T22 (*Pavona decussata*)		
		
Tag No.: LKN-T23 (*Pavona decussata*)		

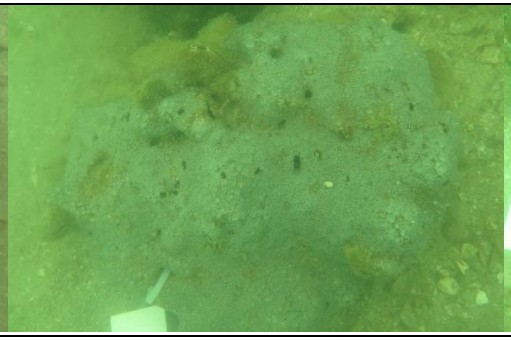
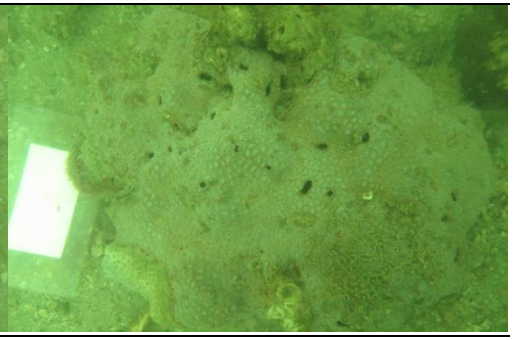
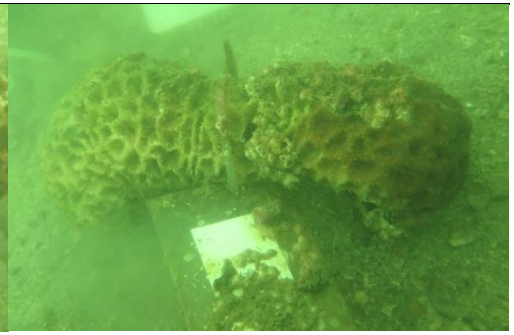
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T24 (*Pavona decussata*)		
		
Tag No.: LKN-T25 (*Pavona decussata*)		
		
Tag No.: LKN-T26 (*Pavona decussata*)		

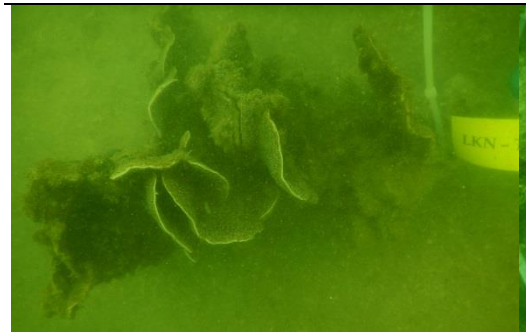
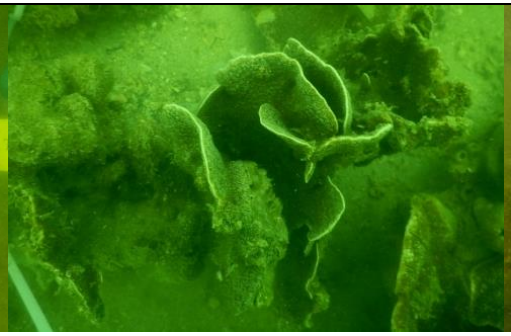
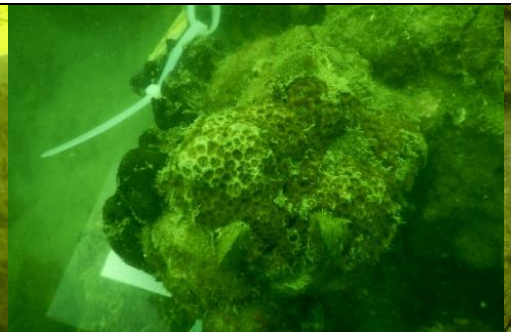
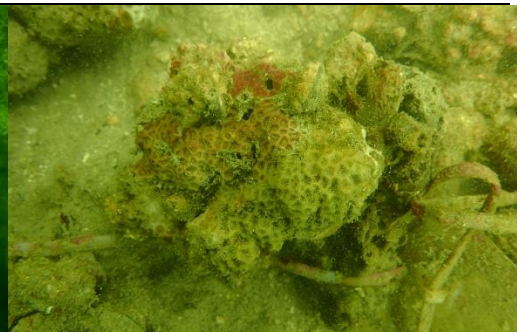
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T27 (*Pavona decussata*)		
		
Tag No.: LKN-T28 (*Pavona decussata*)		
		
Tag No.: LKN-T29 (*Leptastrea pruinosa*)		

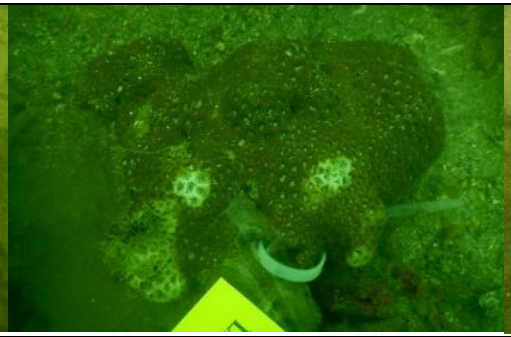
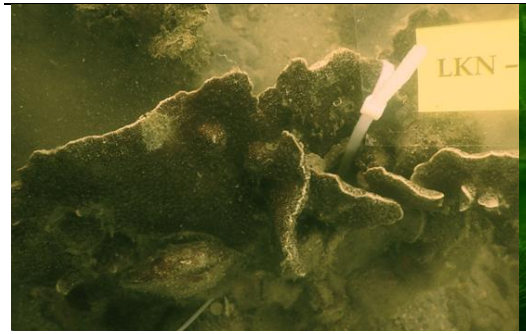
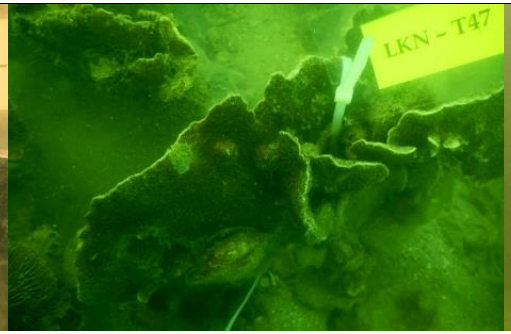
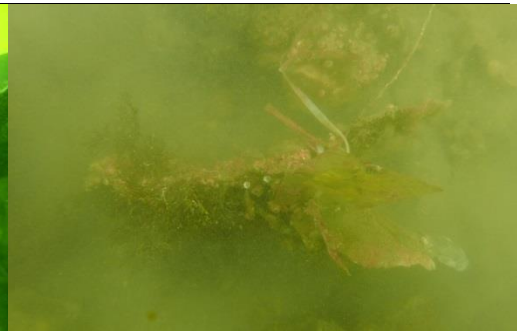
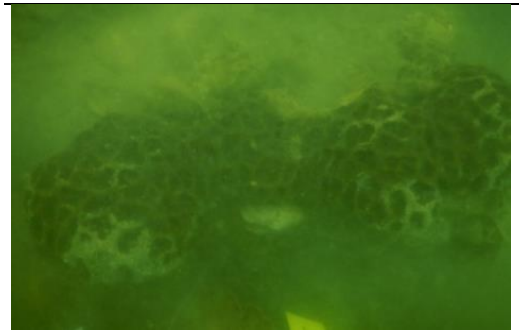
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T30 (*Porites* sp.)		
		
Tag No.: LKN-T31 (*Pavona decussata*)		
		
Tag No.: LKN-T32 (*Pavona decussata*)		

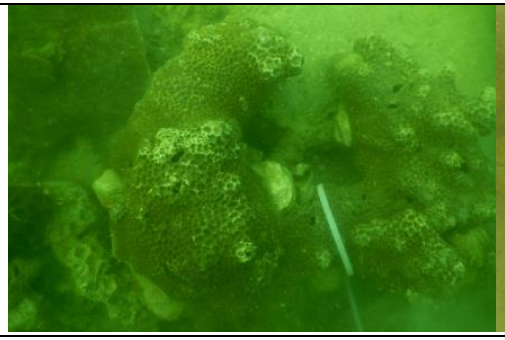
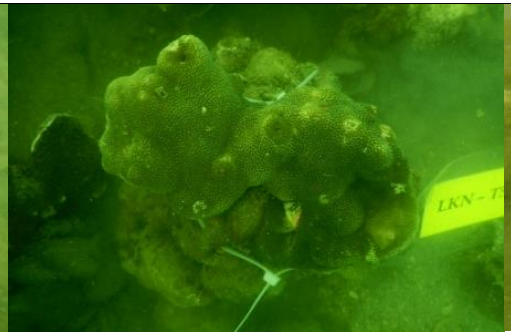
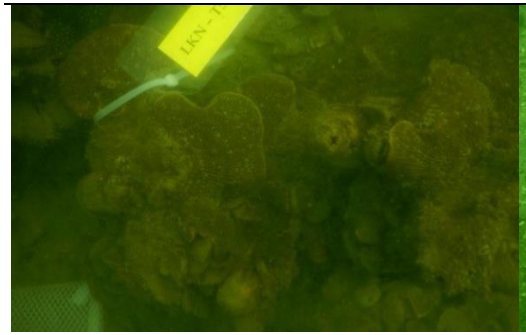
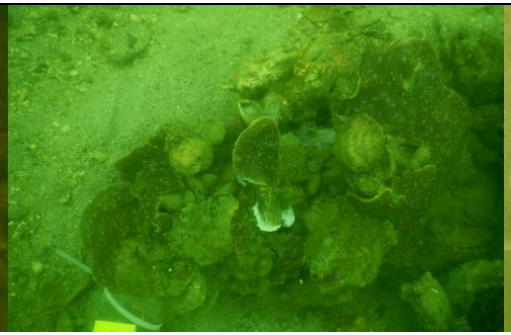
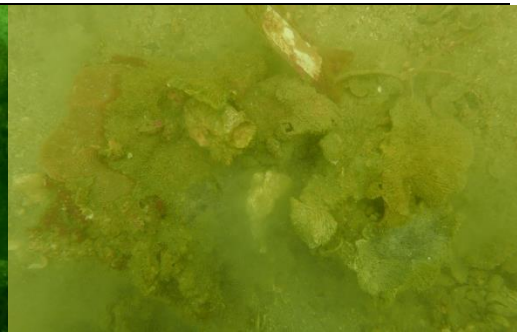
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T33 (*Pavona decussata*)		
		
Tag No.: LKN-T34 (*Pavona decussata*)		
		
Tag No.: LKN-T35 (*Favites pentagona*)		

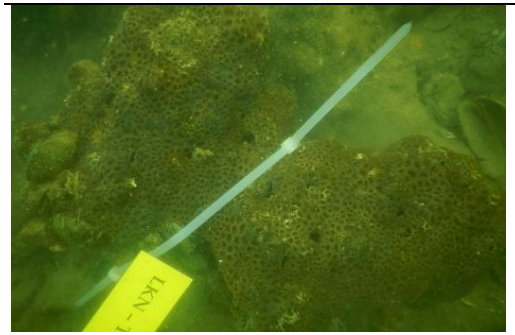
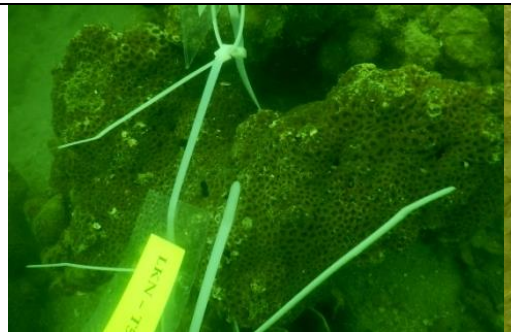
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T36 (*Leptastrea purpurea*)		
		
Tag No.: LKN-T37 (*Leptastrea pruinosa*)		
		
Tag No.: LKN-T38 (*Cyphastrea japonica*)		

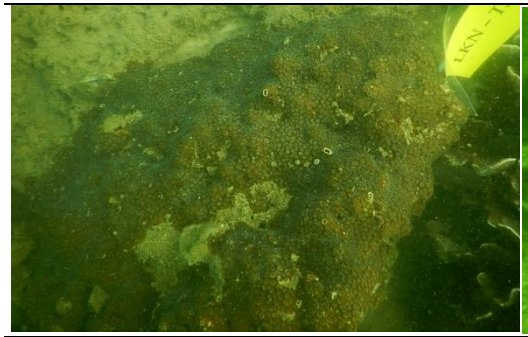
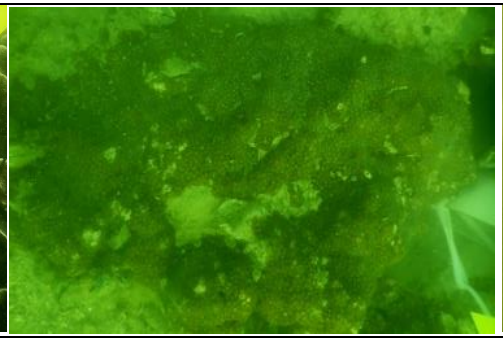
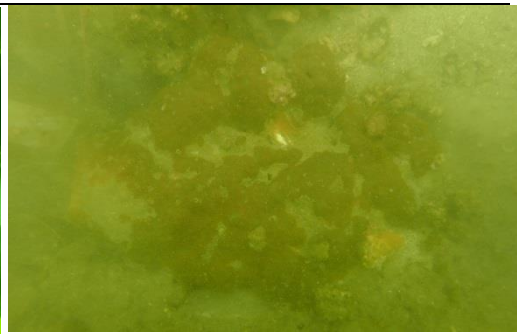
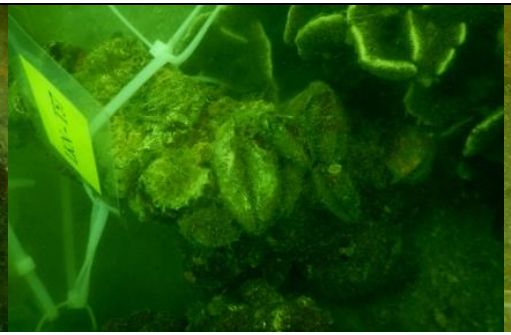
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T39 (*Leptastrea pruinosa*)		
		
Tag No.: LKN-T40 (*Favites flexuosa*)		
		
Tag No.: LKN-T41 (*Goniastrea aspera*)		

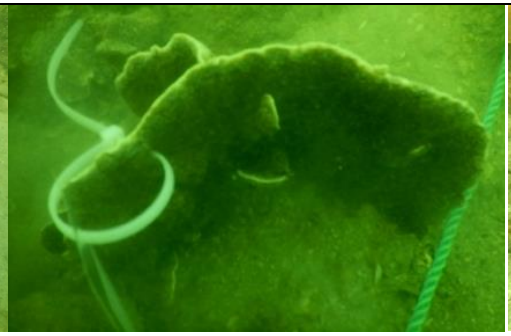
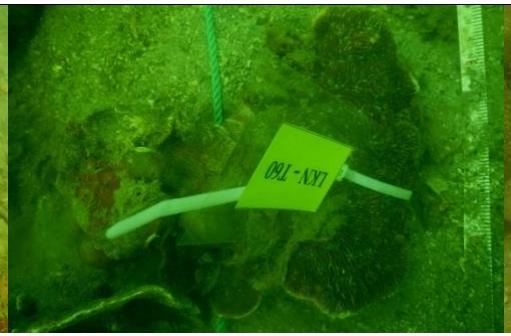
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T42 (*Pavona decussata*)		
		
Tag No.: LKN-T43 (*Leptastrea pruinosa*)		
		
Tag No.: LKN-T44 (*Leptastrea pruinosa*)		

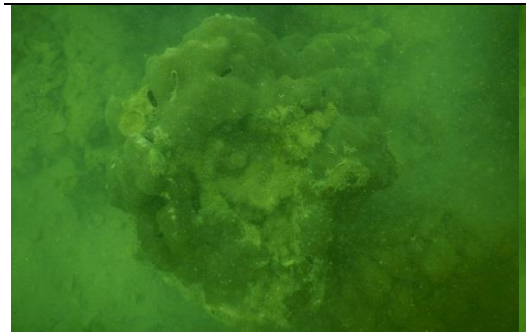
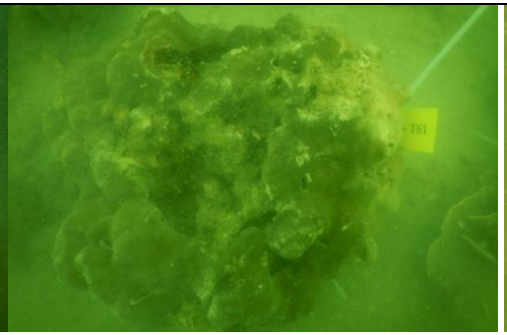
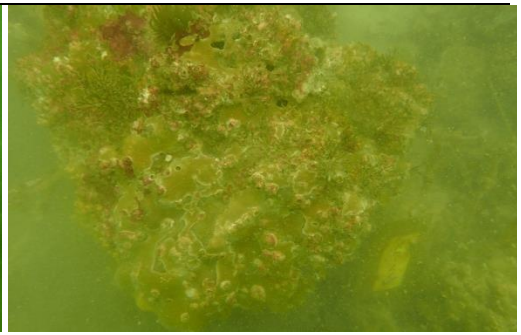
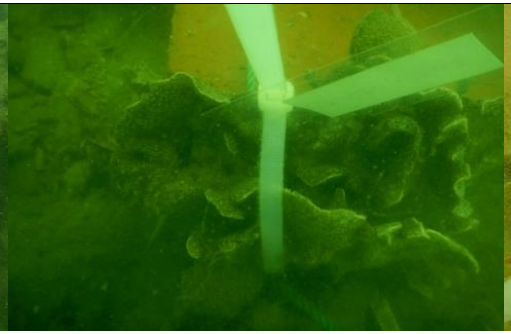
Pre-translocation	Post-translocation	
		
Tag No.: LKN-T45 (*Leptastrea pruinosa*)		
		
Tag No.: LKN-T47 (*Pavona decussata*)		
		
Tag No.: LKN-T48 (*Favites flexuosa*)		

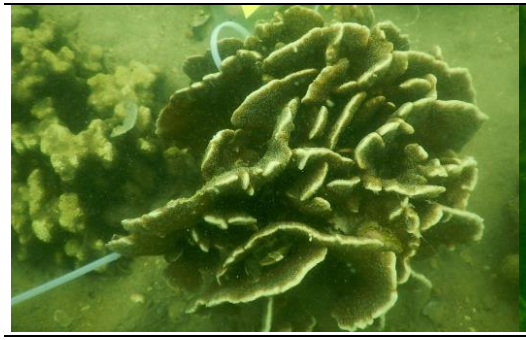
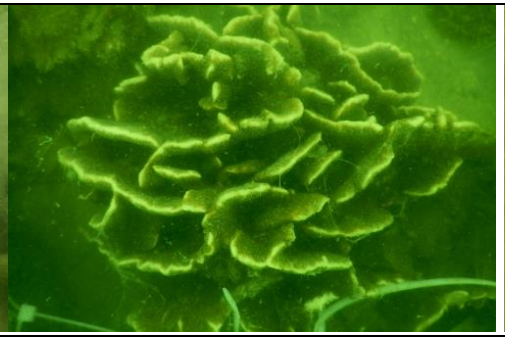
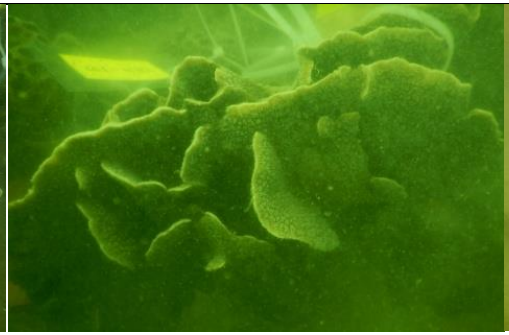
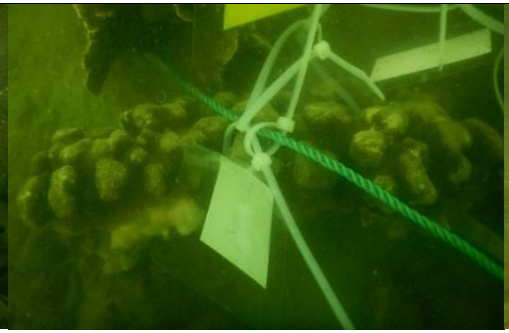
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T49 (*Leptastrea purpurea*)		
		
Tag No.: LKN-T50 (*Porites* sp.)		
		
Tag No.: LKN-T51 (*Lithophyllon undulatum*)		

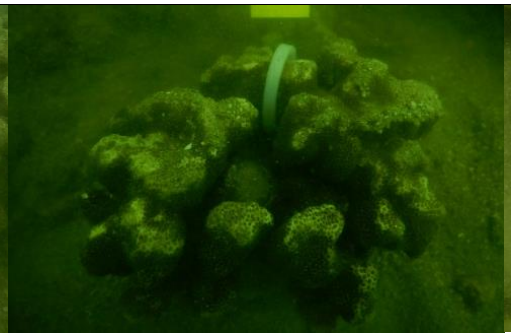
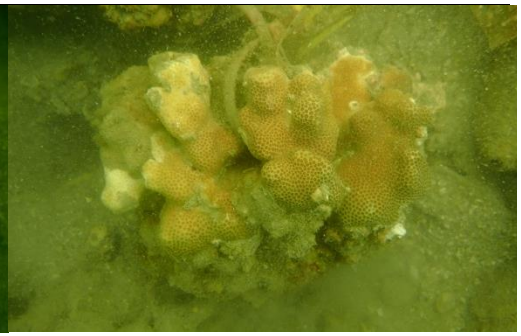
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T52 (*Lithophyllon undulatum*)		
		
Tag No.: LKN-T53 (*Pavona decussata*)		
		
Tag No.: LKN-T54 (*Leptastrea pruinosa*)		

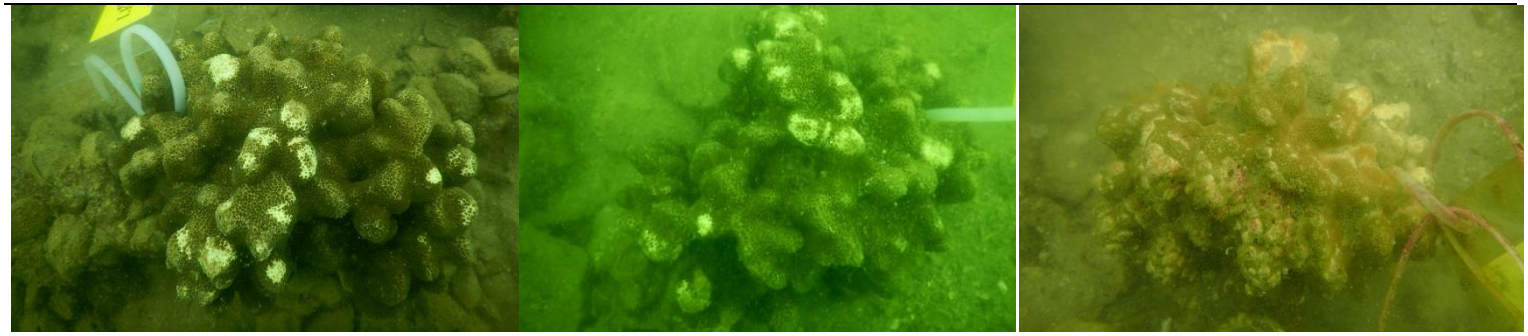
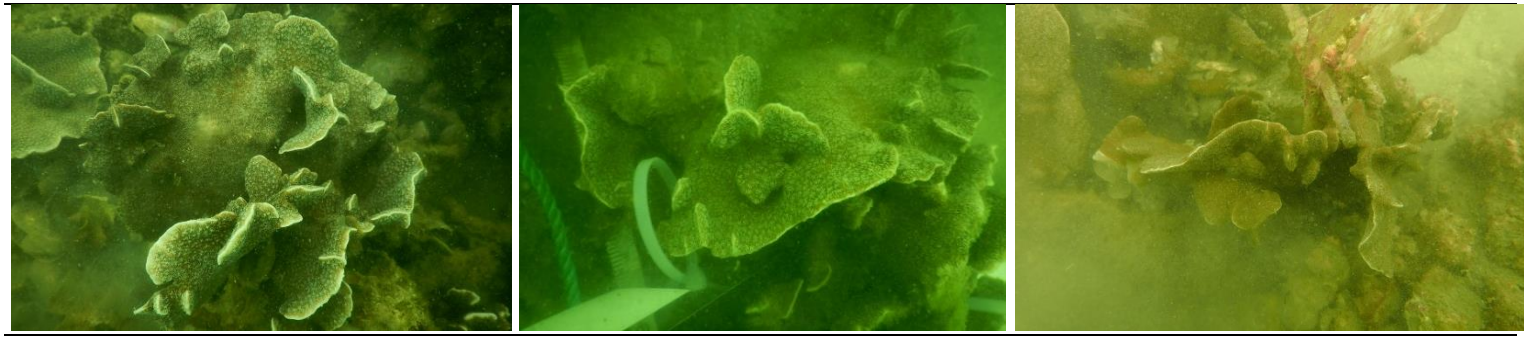
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T55 (*Cyphastrea serailia*)		
		
Tag No.: LKN-T56 (*Pavona decussata*)		
		
Tag No.: LKN-T57 (*Leptastrea pruinosa*)		

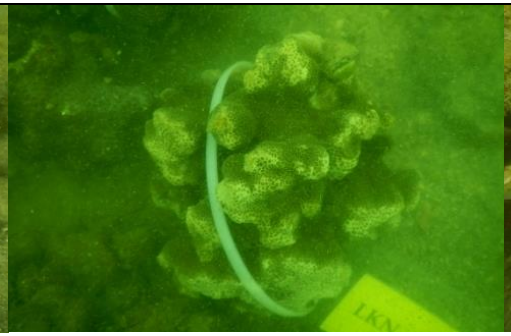
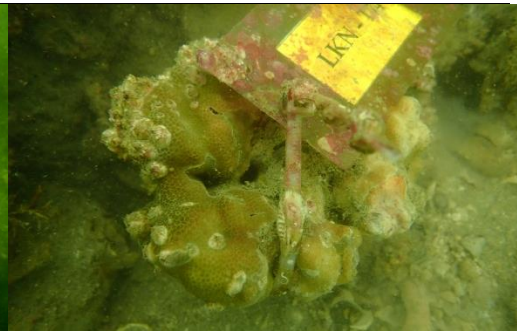
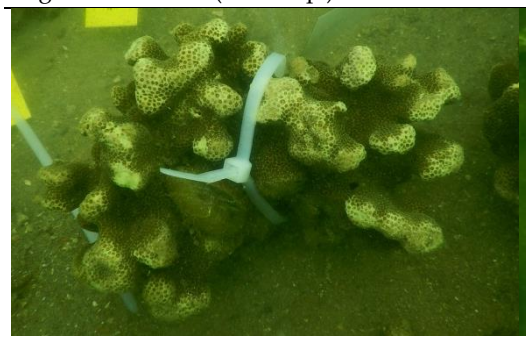
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T58 (*Pavona decussata*)		
		
Tag No.: LKN-T59 (*Pavona decussata*)		
		
Tag No.: LKN-T60 (*Lithophyllon undulatum*)		

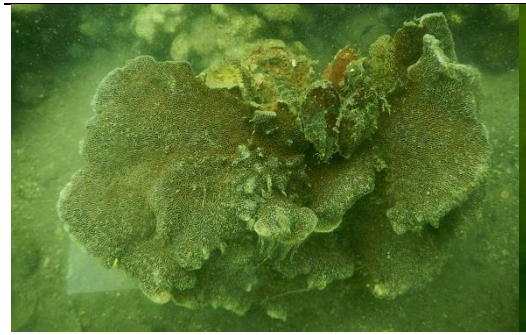
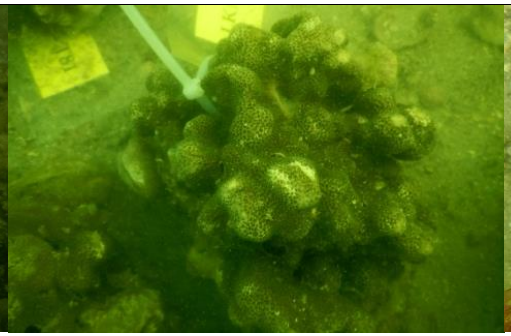
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T61 (*Porites* sp.)		
		
Tag No.: LKN-T62 (*Pavona decussata*)		
		
Tag No.: LKN-T63 (*Psammocora haimeana*)		

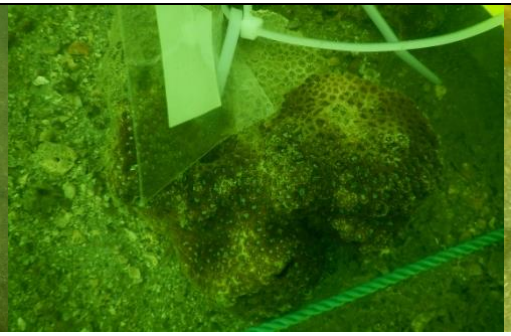
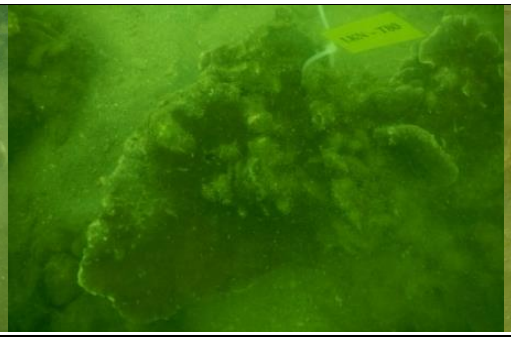
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T64 (*Pavona decussata*)		
		
Tag No.: LKN-T65 (*Pavona decussata*)		
		
Tag No.: LKN-T66 (*Porites* sp.)		

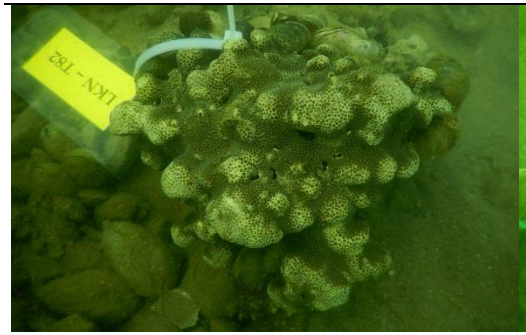
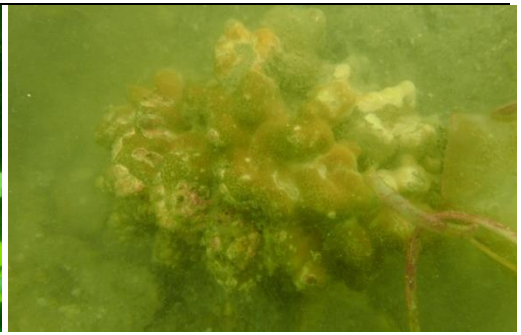
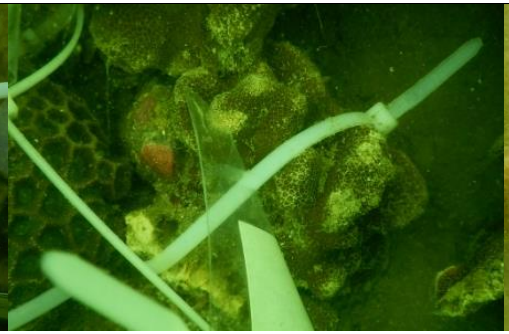
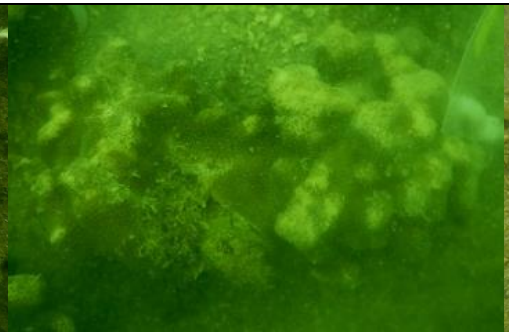
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T67 (*Dipsastraea rotumana*)		
		
Tag No.: LKN-T68 (*Porites* sp.)		
		
Tag No.: LKN-T69 (*Porites* sp.)		

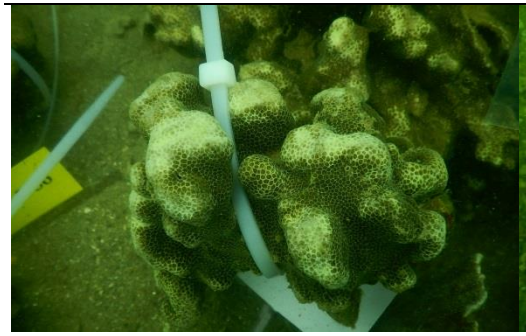
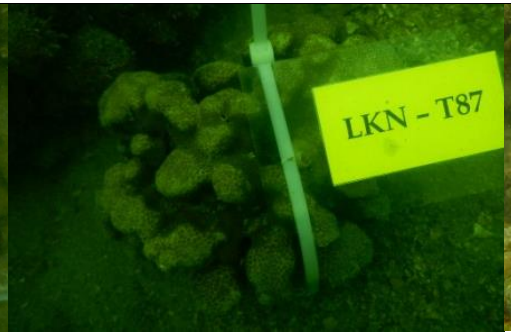
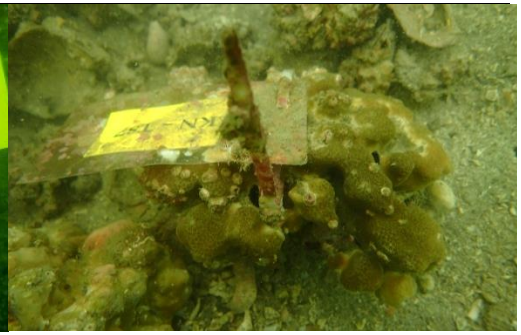
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T70 (*Porites* sp.)		
		
Tag No.: LKN-T71 (*Pavona decussata*)		
		
Tag No.: LKN-T72 (*Pavona decussata*)		

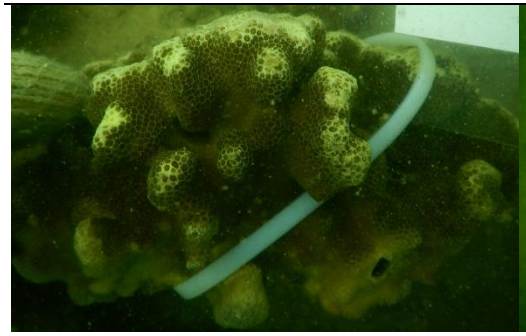
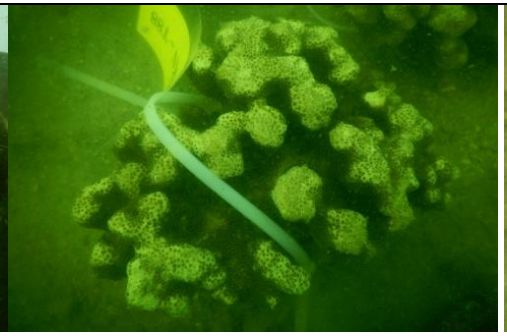
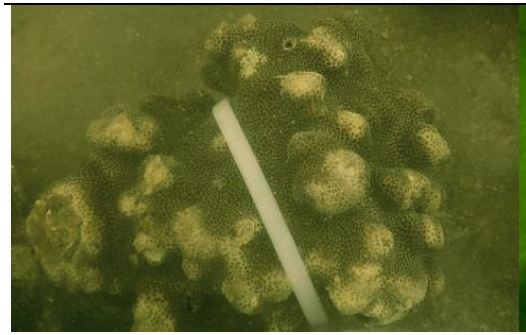
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T73 (*Porites* sp.)		
		
Tag No.: LKN-T74 (*Porites* sp.)		
		
Tag No.: LKN-T75 (*Porites* sp.)		

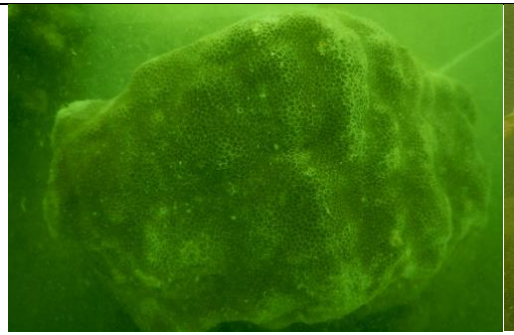
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T76 (*Porites* sp.)		
		
Tag No.: LKN-T77 (*Pavona decussata*)		
		
Tag No.: LKN-T78 (*Porites* sp.)		

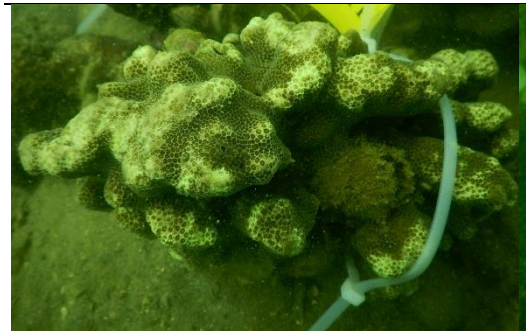
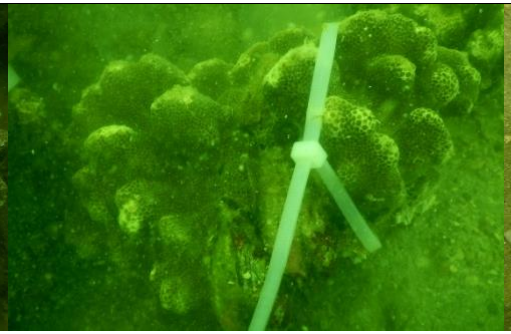
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T79 (*Leptastrea pruinosa*)		
		
Tag No.: LKN-T80 (*Pavona decussata*)		
		
Tag No.: LKN-T81 (*Porites* sp.)		

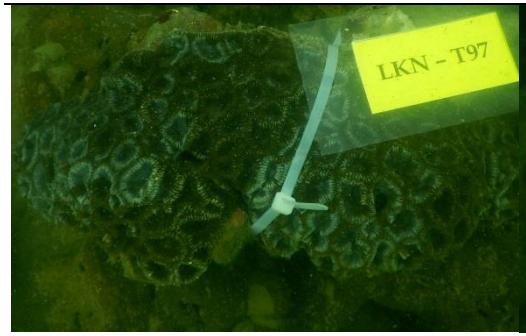
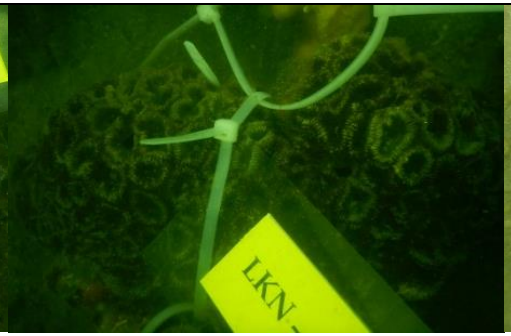
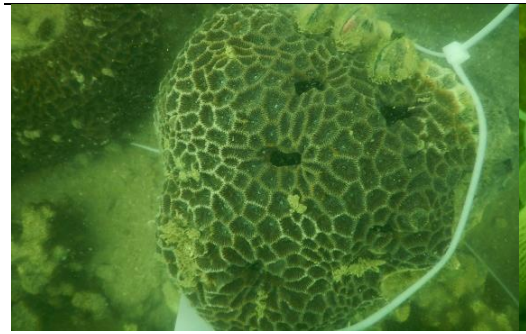
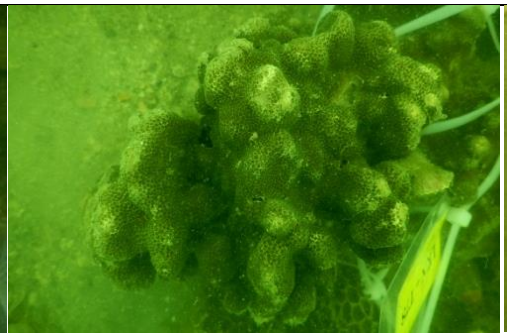
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T82 (*Porites* sp.)		
		
Tag No.: LKN-T83 (*Porites* sp.)		
		
Tag No.: LKN-T84 (*Porites* sp.)		

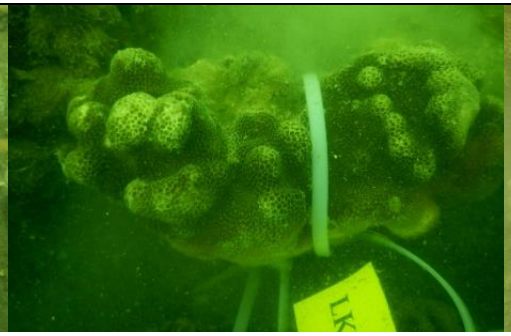
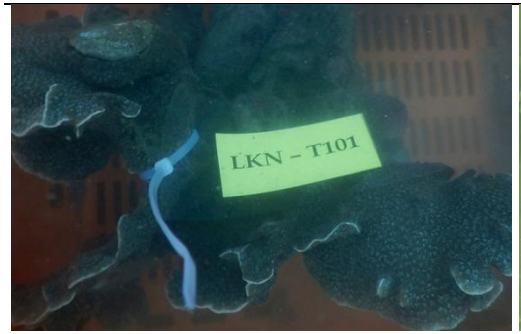
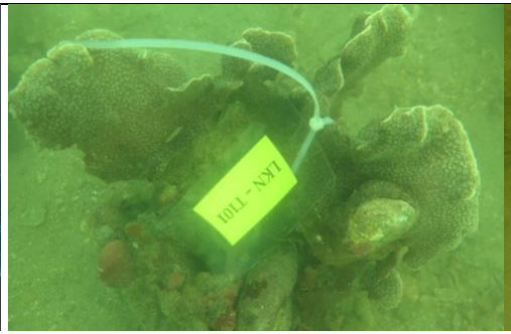
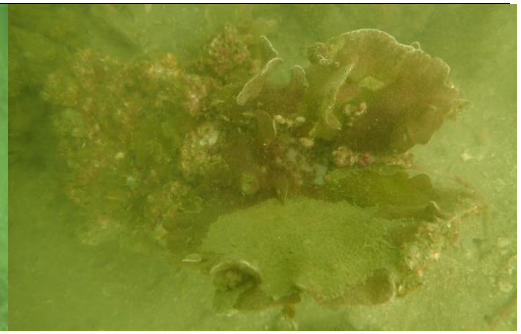
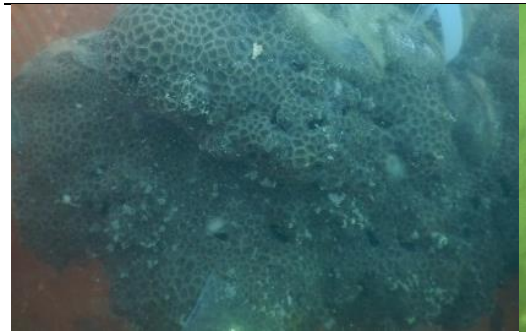
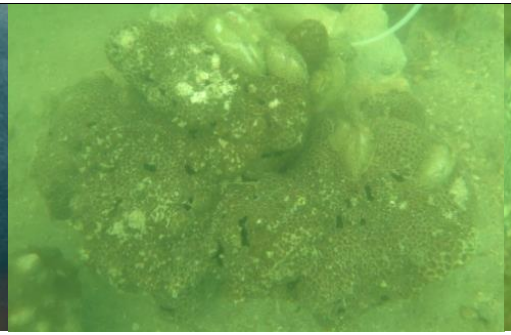
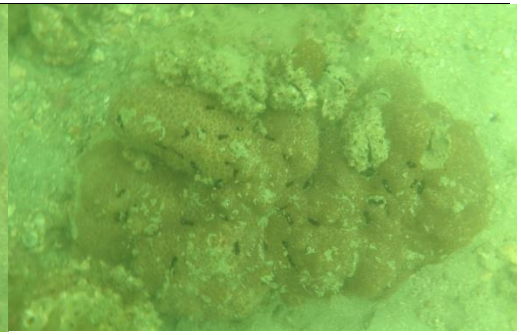
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T85 (*Porites* sp.)		
		
Tag No.: LKN-T86 (*Porites* sp.)		
		
Tag No.: LKN-T87 (*Porites* sp.)		

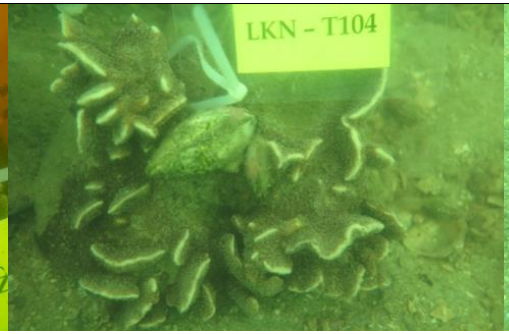
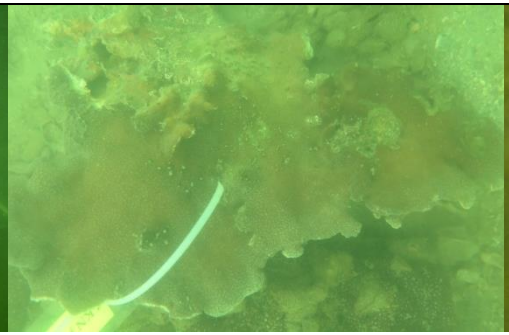
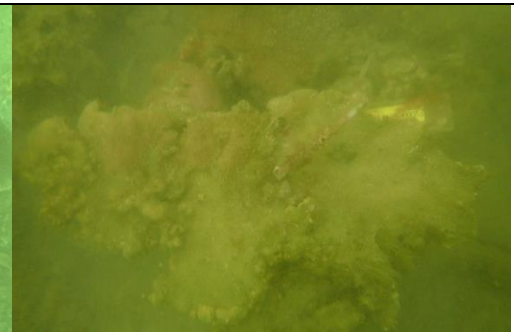
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T88 (*Porites* sp.)		
		
Tag No.: LKN-T89 (*Porites* sp.)		
		
Tag No.: LKN-T90 (*Porites* sp.)		

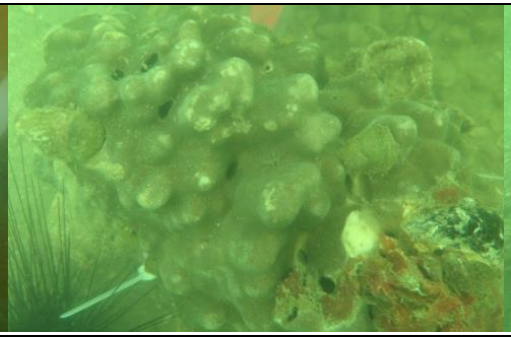
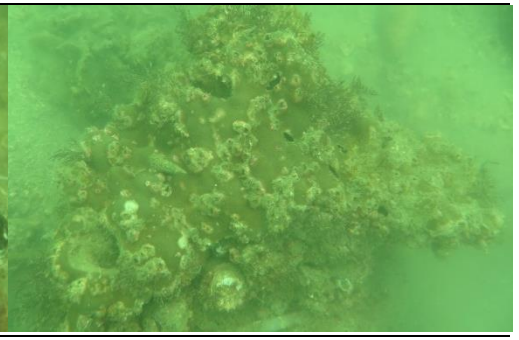
Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T91 (*Pavona decussata*)		
		
Tag No.: LKN-T92 (*Dipsastraea rotumana)*		
		
Tag No.: LKN-T93 (*Porites* sp.)		

Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T94 (*Favites chinensis*)		
		
Tag No.: LKN-T95 (*Porites* sp.)		
		
Tag No.: LKN-T96 (*Favites pentagona*)		

Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T97 (*Dipsastraea rotumana*)		
		
Tag No.: LKN-T98 (*Goniastrea aspera*)		
		
Tag No.: LKN-T99 (*Porites* sp.)		

Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T100 (*Porites* sp.)		
		
Tag No.: LKN-T101 (*Pavona decussata*)		
		
Tag No.: LKN-T102 (*Leptastrea pruinosa*)		

Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T103 (*Pavona decussata*)		
		
Tag No.: LKN-T104 (*Pavona decussata*)		
		
Tag No.: LKN-T107 (*Pavona decussata*)		

Pre-translocation	Post-translocation	Post-project Monitoring
		
Tag No.: LKN-T108 (*Porites* sp.)		

Annex B

Results of Post-project Monitoring Survey for Translocated Coral Colonies

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
PSTT-T1	*Porites* sp.	10-50	30	<1	<1	F	<1mm	RB
PSTT-T2	*Porites* sp.	10-50	30	<1	<1	F	<1mm	RB
PSTT-T3	*Favites chinensis*	<10	30	<1	<1	F	<1mm	RB
PSTT-T4	*Lithophyllon undulatum*	10-50	35	<1	25	C	>1mm	SD
PSTT-T5	*Cyphastrea japonica*	<10	10	<1	<1	F	<1mm	SD
PSTT-T6	*Lithophyllon undulatum*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T7	*Lithophyllon undulatum*	10-50	5	<1	<1	F	<1mm	SD
PSTT-T9	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T10	*Lithophyllon undulatum*	<10	5	<1	<1	F	<1mm	SD
PSTT-T11	*Leptastrea pruinosa*	10-50	<1	<1	5	C	>1mm	RB
PSTT-T12A	*Plesiastrea versipora*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T12B	*Oulastrea crispata*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T12C	*Oulastrea crispata*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T12D	*Leptastrea pruinosa*	10-50	20	<1	<1	F	<1mm	RB
PSTT-T13A	*Leptastrea pruinosa*	<10	20	<1	<1	F	<1mm	RB
PSTT-T13B	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T14	*Leptastrea pruinosa*	10-50	20	<1	10	C	1mm	RB
PSTT-T15	*Porites* sp.	10-50	90	<1	<1	F	<1mm	RB
PSTT-T16	*Porites* sp.	10-50	40	<1	<1	F	<1mm	RB
PSTT-T17	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T18	*Porites* sp.	10-50	25	<1	<1	F	<1mm	RB
PSTT-T19	*Leptastrea pruinosa*	<10	80	<1	<1	F	<1mm	RB
PSTT-T20	*Pavona decussata*	10-50	100	<1	100	C	>1mm	SD
PSTT-T21	*Leptastrea pruinosa*	10-50	50	<1	50	C	>1mm	RB
PSTT-T22	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T23	*Leptastrea pruinosa*	<10	<1	<1	20	C	>1mm	RB
PSTT-T24	*Leptastrea purpurea*	<10	70	<1	<1	F	<1mm	RB
PSTT-T25	*Dipsastraea rotumana*	<10	25	<1	<1	F	<1mm	SB
PSTT-T26	*Leptastrea purpurea*	10-50	40	<1	25	C	>1mm	SB
PSTT-T27	*Porites* sp.	10-50	60	<1	<1	F	<1mm	RB

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
PSTT-T28	*Leptastrea purpurea*	10-50	75	<1	<1	F	<1mm	RB
PSTT-T29	*Dipsastraea rotumana*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T31	*Favites pentagona*	<10	40	<1	40	C	>1mm	SB
PSTT-T32	*Leptastrea pruinosa*	<10	90	<1	<1	F	<1mm	RB
PSTT-T33	*Leptastrea pruinosa*	10-50	<1	<1	10	C	>1mm	RB
PSTT-T34	*Platygyra carnosus*	<10	<1	<1	<1	F	<1mm	SB
PSTT-T36	*Pavona decussata*	10-50	50	<1	10	C	>1mm	RB
PSTT-T37	*Lithophyllon undulatum*	10-50	20	<1	20	C	>1mm	RB
PSTT-T38	*Cyphastrea serailia*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T39	*Porites* sp.	10-50	30	<1	<1	F	<1mm	SD
PSTT-T41	*Pavona decussata*	10-50	70	<1	<1	F	<1mm	SD
PSTT-T42	*Pavona decussata*	<10	100	<1	<1	F	<1mm	SD
PSTT-T43	*Lithophyllon undulatum*	<10	100	<1	<1	F	<1mm	SD
PSTT-T44	*Pavona decussata*	10-50	60	<1	50	C	>1mm	SD
PSTT-T45	*Leptastrea pruinosa*	10-50	10	<1	25	C	>1mm	RB
PSTT-T46	*Leptastrea pruinosa*	10-50	100	<1	100	C	>1mm	RB
PSTT-T47	*Leptastrea pruinosa*	<10	90	<1	<1	F	<1mm	RB
PSTT-T48	*Leptastrea pruinosa*	10-50	5	<1	5	C	>1mm	SB
PSTT-T49	*Leptastrea pruinosa*	10-50	20	<1	20	C	>1mm	SB
PSTT-T50	*Leptastrea pruinosa*	<10	20	10	<1	F	<1mm	SD
PSTT-T51	*Pavona decussata*	<10	80	<1	<1	F	<1mm	SD
PSTT-T52	*Pavona decussata*	<10	10	<1	<1	F	<1mm	SD
PSTT-T54	*Pavona decussata*	10-50	70	<1	<1	F	<1mm	SD
PSTT-T55	*Leptastrea pruinosa*	<10	20	<1	<1	F	<1mm	RB
PSTT-T56	*Favites acuticollis*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T57	*Favites pentagona*	10-50	40	<1	<1	F	<1mm	SB
PSTT-T58	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T59	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T60	*Porites* sp.	10-50	20	10	<1	F	<1mm	SB
PSTT-T61	*Psammocora haimeana*	<10	<1	<1	<1	F	<1mm	RB

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
PSTT-T62	*Leptastrea pruinosa*	10-50	10	<1	5	C	>1mm	RB
PSTT-T64	*Leptastrea pruinosa*	10-50	<1	1	<1	F	<1mm	RB
PSTT-T65	*Porites* sp.	<10	30	<1	<1	F	<1mm	RB
PSTT-T66	*Leptastrea pruinosa*	10-50	10	<1	<1	F	<1mm	RB
PSTT-T67	*Leptastrea purpurea*	10-50	60	<1	<1	F	<1mm	RB
PSTT-T68	*Cyphastrea serailia*	<10	<1	<1	<1	F	<1mm	SB
PSTT-T69	*Goniastrea aspera*	<10	<1	<1	15	C	>1mm	RB
PSTT-T70	*Leptastrea pruinosa*	<10	35	<1	<1	F	<1mm	RB
PSTT-T71	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T72	*Porites* sp.	10-50	20	<1	<1	F	<1mm	RB
PSTT-T73	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T74	*Leptastrea purpurea*	10-50	<1	<1	15	C	>1mm	RB
PSTT-T75	*Favites chinensis*	<10	10	<1	50	C	>1mm	RB
PSTT-T76A	*Porites* sp.	<10	20	<1	10	C	>1mm	SB
PSTT-T76B	*Leptastrea pruinosa*	<10	5	<1	<1	F	<1 mm	SB
PSTT-T77	*Leptastrea purpurea*	<10	95	<1	70	C	>1mm	RB
PSTT-T78	*Leptastrea pruinosa*	<10	60	<1	40	C	>1mm	RB
PSTT-T79A	*Favites chinensis*	<10	5	<1	<1	F	<1mm	SB
PSTT-T79B	*Oulastrea crispata*	<10	10	<1	<1	F	<1mm	SB
PSTT-T80	*Leptastrea pruinosa*	10-50	50	<1	50	C	>1mm	SB
PSTT-T81	*Porites* sp.	10-50	10	<1	10	C	>1mm	RB
PSTT-T82A	*Oulastrea crispata*	<10	<1	<1	20	C	>1mm	RB
PSTT-T82B	*Oulastrea crispata*	<10	<1	<1	20	C	>1mm	RB
PSTT-T83	*Favites pentagona*	<10	100	<1	100	C	>1mm	SD
PSTT-T84	*Favites pentagona*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T85	*Leptastrea pruinosa*	<10	100	<1	100	C	>1mm	SD
PSTT-T86	*Favites acuticollis*	10-50	5	<1	10	C	>1mm	RB
PSTT-T87	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T88	*Platygyra acuta*	10-50	100	<1	100	C	>1mm	SD
PSTT-T89A	*Porites* sp.	<10	15	<1	<1	F	<1mm	SB

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
PSTT-T89B	*Oulastrea crispata*	<10	<1	<1	<1	F	<1mm	SB
PSTT-T90	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T91	*Porites* sp.	10-50	5	<1	<1	F	<1mm	SD
PSTT-T92	*Dipsastraea rotumana*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T93	*Porites* sp.	10-50	10	<1	<1	F	<1mm	SD
PSTT-T95	*Porites* sp.	10-50	<1	<1	10	C	>1mm	RB
PSTT-T96	*Leptastrea purpurea*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T97	*Leptastrea pruinosa*	10-50	<1	<1	25	C	>1mm	SB
PSTT-T99A	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T99B	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T100	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T101	*Pavona decussata*	<10	100	<1	100	C	>1mm	SD
PSTT-T102	*Leptastrea pruinosa*	<10	100	<1	100	C	>1mm	SD
PSTT-T103	*Leptastrea purpurea*	<10	80	<1	10	C	>1mm	SD
PSTT-T104	*Leptastrea pruinosa*	<10	50	<1	<1	F	<1mm	SD
PSTT-T105	*Pavona decussata*	10-50	100	<1	25	C	>1mm	RB

Note: PSTT-T8, PSTT-T30, PSST-T53, PSTT-T94 and PSTT-T98 could not be located during post-project monitoring survey and the results are not presented in the table.

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
LKN-T1	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T2	*Porites* sp.	10-50	30	<1	<1	F	<1mm	SB
LKN-T3	*Leptastrea purpurea*	10-50	10	<1	<1	F	<1mm	SB
LKN-T4	*Porites* sp.	<10	<1	<1	<1	F	<1mm	RB
LKN-T5	*Porites* sp.	10-50	40	<1	<1	F	<1mm	SB
LKN-T6	*Leptastrea purpurea*	10-50	70	<1	<1	F	<1mm	SB
LKN-T7	*Pavona decussata*	10-50	20	<1	<1	F	<1mm	RB
LKN-T8	*Favites acuticollis*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T10	*Leptastrea pruinosa*	10-50	10	<1	<1	F	<1mm	SB
LKN-T11	*Porites* sp.	10-50	20	<1	<1	F	<1mm	SB
LKN-T12	*Leptastrea purpurea*	10-50	10	<1	<1	F	<1mm	RB
LKN-T13	*Lithophyllon undulatum*	10-50	50	<1	<1	F	<1mm	SD
LKN-T14	*Pavona decussata*	10-50	25	<1	10	C	>1mm	RB
LKN-T16	*Pavona decussata*	10-50	30	<1	<1	F	<1mm	RB
LKN-T17	*Leptastrea purpurea*	10-50	5	<1	<1	F	<1mm	SB
LKN-T18A	*Cyphastrea serailia*	<10	<1	<1	<1	F	<1mm	RB
LKN-T18B	*Pavona decussata*	10-50	10	<1	<1	F	<1mm	SB
LKN-T20	*Leptastrea pruinosa*	10-50	10	<1	10	C	>1mm	SB
LKN-T21	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T22	*Pavona decussata*	10-50	5	<1	<1	F	<1mm	SB
LKN-T23	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T24	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T25	*Pavona decussata*	10-50	30	<1	10	C	>1mm	SB
LKN-T26	*Pavona decussata*	10-50	70	<1	<1	F	<1mm	SB
LKN-T27	*Pavona decussata*	10-50	20	<1	<1	F	<1mm	SB
LKN-T28	*Pavona decussata*	<10	<1	<1	<1	F	<1mm	RB
LKN-T29	*Leptastrea pruinosa*	<10	100	<1	100	C	>1mm	RB
LKN-T30	*Porites* sp.	10-50	10	<1	<1	F	<1mm	SD
LKN-T31	*Pavona decussata*	10-50	85	<1	25	C	>1mm	SB
LKN-T32	*Pavona decussata*	10-50	90	<1	25	C	>1mm	SB
LKN-T33	*Pavona decussata*	<10	50	<1	<1	F	<1mm	RB

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
LKN-T34	*Pavona decussata*	10-50	30	<1	<1	F	<1mm	SB
LKN-T35	*Favites pentagona*	<10	<1	<1	5	C	1mm	RB
LKN-T36	*Leptastrea purpurea*	<10	10	<1	10	C	1mm	SD
LKN-T37	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T38	*Cyphastrea japonica*	10-50	90	<1	100	C	>1mm	SB
LKN-T39	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T40	*Favites flexuosa*	10-50	60	<1	<1	F	<1mm	RB
LKN-T41	*Goniastrea aspera*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T42	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T43	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T44	*Leptastrea pruinosa*	<10	50	<1	15	C	>1mm	RB
LKN-T45	*Leptastrea pruinosa*	<10	50	<1	25	C	>1mm	RB
LKN-T47	*Pavona decussata*	10-50	50	<1	<1	F	<1mm	RB
LKN-T48	*Favites paraflexuosa*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T49	*Leptastrea purpurea*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T50	*Porites* sp.	10-50	5	10	<1	F	<1mm	RB
LKN-T51	*Lithophyllon undulatum*	10-50	80	<1	80	C	>1mm	RB
LKN-T52	*Lithophyllon undulatum*	10-50	30	<1	30	C	>1mm	RB
LKN-T53	*Pavona decussata*	10-50	<1	<1	10	C	>1mm	RB
LKN-T54	*Leptastrea pruinosa*	10-50	50	<1	50	C	>1mm	RB
LKN-T55	*Cyphastrea serailia*	10-50	20	<1	20	C	>1mm	RB
LKN-T56	*Pavona decussata*	10-50	70	<1	<1	F	<1mm	RB
LKN-T57	*Leptastrea pruinosa*	10-50	60	<1	10	C	>1mm	RB
LKN-T58	*Pavona decussata*	10-50	70	<1	30	C	>1mm	RB
LKN-T59	*Pavona decussata*	10-50	30	<1	<1	F	<1mm	SD
LKN-T60	*Lithophyllon undulatum*	<10	40	<1	40	C	>1mm	RB
LKN-T61	*Porites* sp.	10-50	25	<1	<1	F	<1mm	SD
LKN-T62	*Pavona decussata*	10-50	40	<1	25	C	>1mm	RB
LKN-T63	*Psammocora haimeana*	<10	<1	<1	<1	F	<1mm	SB
LKN-T64	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T65	*Pavona decussata*	10-50	10	<1	10	C	>1mm	RB

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
LKN-T66	*Porites* sp.	10-50	75	<1	<1	F	<1mm	RB
LKN-T67	*Dipsastraea rotumana*	<10	35	<1	<1	F	<1mm	RB
LKN-T68	*Porites* sp.	10-50	5	<1	<1	F	<1mm	RB
LKN-T69	*Porites* sp.	10-50	20	5	<1	F	<1mm	RB
LKN-T70	*Porites* sp.	10-50	25	5	<1	F	<1mm	SD
LKN-T71	*Pavona decussata*	10-50	80	<1	<1	F	<1mm	SD
LKN-T72	*Pavona decussata*	10-50	10	5	<1	F	<1mm	SD
LKN-T73	*Porites* sp.	<10	10	10	<1	F	<1mm	SD
LKN-T74	*Porites* sp.	<10	20	5	<1	F	<1mm	SD
LKN-T75	*Porites* sp.	10-50	20	5	10	C	>1mm	SD
LKN-T76	*Porites* sp.	10-50	5	<1	<1	F	<1mm	SD
LKN-T77	*Pavona decussata*	10-50	10	<1	<1	F	<1mm	SD
LKN-T78	*Porites* sp.	<10	75	<1	10	C	>1mm	RB
LKN-T79	*Leptastrea pruinosa*	10-50	50	<1	25	C	>1mm	RB
LKN-T80	*Pavona decussata*	10-50	50	<1	<1	F	<1mm	SD
LKN-T81	*Porites* sp.	<10	10	<1	<1	F	<1mm	SD
LKN-T82	*Porites* sp.	10-50	10	10	<1	F	<1mm	SD
LKN-T83	*Porites* sp.	<10	10	<1	10	C	>1mm	SD
LKN-T84	*Porites* sp.	<10	50	<1	50	C	>1mm	SD
LKN-T85	*Porites* sp.	<10	30	<1	10	C	>1mm	SD
LKN-T86	*Porites* sp.	<10	5	<1	<1	F	<1mm	SD
LKN-T87	*Porites* sp.	<10	5	<1	<1	F	<1mm	SD
LKN-T88	*Porites* sp.	<10	5	<1	<1	F	<1mm	SD
LKN-T89	*Porites* sp.	<10	10	<1	<1	F	<1mm	SD
LKN-T90	*Porites* sp.	<10	15	<1	<1	F	<1mm	SD
LKN-T91	*Pavona decussata*	10-50	5	<1	<1	F	<1mm	RB
LKN-T92	*Dipsastraea rotumana*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T93	*Porites* sp.	10-50	60	<1	<1	F	<1mm	RB
LKN-T94	*Favites chinensis*	<10	90	<1	30	C	>1mm	SD
LKN-T95	*Porites* sp.	<10	20	<1	<1	F	<1mm	SD
LKN-T96	*Favites pentagona*	10-50	75	<1	10	C	>1mm	RB

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
LKN-T97	*Dipsastraea rotumana*	10-50	20	<1	20	C	>1mm	RB
LKN-T98	*Goniastrea aspera*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T99	*Porites* sp.	10-50	20	<1	<1	F	<1mm	SD
LKN-T100	*Porites* sp.	<10	30	<1	<1	F	<1mm	SD
LKN-T101	*Pavona decussata*	10-50	40	<1	<1	F	<1mm	SD
LKN-T102	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T103	*Pavona decussata*	10-50	10	<1	<1	F	<1mm	SD
LKN-T104	*Pavona decussata*	10-50	100	<1	<1	F	<1mm	SD
LKN-T107	*Pavona decussata*	10-50	80	<1	<1	F	<1mm	SD
LKN-T108	*Porites* sp.	10-50	25	<1	<1	F	<1mm	SB

Note: LKN-T9, LKN-T15 and LKN-T19 could not be located during post-project monitoring survey and the results are not presented in the table.

Annex C

Results of Post-translocation Survey

Annex C1 - Post-translocation Survey for Translocated Coral from Pak Sha Tau Tsui

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
PSTT-T1	*Porites* sp.	10-50	5	5	<1	F	<1mm	RB
PSTT-T2	*Porites* sp.	10-50	5	5	<1	F	<1mm	RB
PSTT-T3	*Favites chinensis*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T4	*Lithophyllon undulatum*	10-50	<1	<1	<1	F	<1mm	SD
PSTT-T5	*Cyphastrea japonica*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T6	*Lithophyllon undulatum*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T7	*Lithophyllon undulatum*	10-50	<1	<1	<1	F	<1mm	SD
PSTT-T8	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T9	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T10	*Lithophyllon undulatum*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T11	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T12A	*Plesiastrea versipora*	10-50	<1	5	<1	F	<1mm	RB
PSTT-T12B	*Oulastrea crispata*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T12C	*Oulastrea crispata*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T12D	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T13A	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T13B	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T14	*Leptastrea pruinosa*	10-50	<1	5	<1	F	<1mm	RB
PSTT-T15	*Porites* sp.	10-50	10	10	<1	F	<1mm	RB
PSTT-T16	*Porites* sp.	10-50	5	10	<1	F	<1mm	RB
PSTT-T17	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T18	*Porites* sp.	10-50	5	10	<1	F	<1mm	RB
PSTT-T19	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T20	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T21	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T22	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T23	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T24	*Leptastrea purpurea*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T25	*Dipsastraea rotumana*	<10	<1	<1	<1	F	<1mm	SB
PSTT-T26	*Leptastrea purpurea*	10-50	<1	<1	<1	F	<1mm	SB

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
PSTT-T27	*Porites* sp.	10-50	10	10	<1	F	<1mm	RB
PSTT-T28	*Leptastrea purpurea*	10-50	30	<1	<1	F	<1mm	RB
PSTT-T29	*Dipsastraea rotumana*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T30	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T31	*Favites pentagona*	<10	<1	<1	<1	F	<1mm	SB
PSTT-T32	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T33	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T34	*Platygyra carnosus*	<10	<1	<1	<1	F	<1mm	SB
PSTT-T36	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T37	*Lithophyllon undulatum*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T38	*Cyphastrea serailia*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T39	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SD
PSTT-T41	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SD
PSTT-T42	*Pavona decussata*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T43	*Lithophyllon undulatum*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T44	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SD
PSTT-T45	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T46	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T47	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T48	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T49	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T50	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T51	*Pavona decussata*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T52	*Pavona decussata*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T53	*Pavona decussata*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T54	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SD
PSTT-T55	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T56	*Favites acuticollis*	10-50	<1	<1	5	F	<1mm	SB
PSTT-T57	*Favites pentagona*	10-50	<1	<1	5	F	<1mm	SB
PSTT-T58	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
PSTT-T59	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T60	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T61	*Psammocora haimeana*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T62	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T64	*Leptastrea pruinosa*	10-50	<1	1	<1	F	<1mm	RB
PSTT-T65	*Porites* sp.	<10	<1	<1	<1	F	<1mm	RB
PSTT-T66	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T67	*Leptastrea purpurea*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T68	*Cyphastrea serailia*	<10	<1	<1	<1	F	<1mm	SB
PSTT-T69	*Goniastrea aspera*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T70	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T71	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T72	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T73	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T74	*Leptastrea purpurea*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T75	*Favites chinensis*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T76A	*Porites* sp.	<10	<1	<1	<1	F	<1mm	SB
PSTT-T76B	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1 mm	SB
PSTT-T77	*Leptastrea purpurea*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T78	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T79A	*Favites chinensis*	<10	<1	<1	<1	F	<1mm	SB
PSTT-T79B	*Oulastrea crispata*	<10	<1	<1	<1	F	<1mm	SB
PSTT-T80	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T81	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T82A	*Oulastrea crispata*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T82B	*Oulastrea crispata*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T83	*Favites pentagona*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T84	*Favites pentagona*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T85	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	SB
PSTT-T86	*Favites acuticollis*	10-50	<1	<1	<1	F	<1mm	RB

Annex C1 - Post-translocation Survey for Translocated Coral from Pak Sha Tau Tsui

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
PSTT-T87	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T88	*Platygyra acuta*	10-50	<1	<1	<1	F	<1mm	SD
PSTT-T89A	*Porites* sp.	<10	<1	<1	<1	F	<1mm	SB
PSTT-T89B	*Oulastrea crispata*	<10	<1	<1	<1	F	<1mm	SB
PSTT-T90	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T91	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SD
PSTT-T92	*Dipsastraea rotumana*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T93	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SD
PSTT-T94	*Leptastrea purpurea*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T95	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T96	*Leptastrea purpurea*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T97	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T98	*Plesiastrea versipora*	10-50	<1	<1	<1	F	<1mm	RB
PSTT-T99A	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T99B	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T100	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SB
PSTT-T101	*Pavona decussata*	<10	<1	<1	<1	F	<1mm	SD
PSTT-T102	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T103	*Leptastrea purpurea*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T104	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
PSTT-T105	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB

Annex C2 - Post-translocation Survey for Translocated Corals from Liu Ko Ngam

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
LKN-T1	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T2	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SB
LKN-T3	*Leptastrea purpurea*	10-50	10	10	<1	F	<1mm	SB
LKN-T4	*Porites* sp.	<10	<1	<1	<1	F	<1mm	RB
LKN-T5	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SB
LKN-T6	*Leptastrea purpurea*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T7	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T8	*Favites acuticollis*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T9	*Lithophyllon undulatum*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T10	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T11	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SB
LKN-T12	*Leptastrea purpurea*	10-50	5	5	<1	F	<1mm	RB
LKN-T13	*Lithophyllon undulatum*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T14	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T15	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T16	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T17	*Leptastrea purpurea*	10-50	5	5	<1	F	<1mm	SB
LKN-T18A	*Cyphastrea serailia*	<10	<1	<1	<1	F	<1mm	RB
LKN-T18B	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T19	*Cyphastrea serailia*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T20	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T21	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T22	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T23	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T24	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T25	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T26	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T27	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T28	*Pavona decussata*	<10	<1	<1	<1	F	<1mm	RB
LKN-T29	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
LKN-T30	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SD

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
LKN-T31	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T32	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T33	*Pavona decussata*	<10	<1	<1	<1	F	<1mm	RB
LKN-T34	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T35	*Favites pentagona*	<10	<1	<1	<1	F	<1mm	RB
LKN-T36	*Leptastrea purpurea*	<10	<1	<1	<1	F	<1mm	SD
LKN-T37	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T38	*Cyphastrea japonica*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T39	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T40	*Favites flexuosa*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T41	*Goniastrea aspera*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T42	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T43	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T44	*Leptastrea pruinosa*	<10	<1	<1	<1	F	<1mm	RB
LKN-T45	*Leptastrea pruinosa*	<10	3	<1	<1	F	<1mm	RB
LKN-T47	*Pavona decussata*	10-50	<1	10	<1	F	<1mm	RB
LKN-T48	*Favites paraflexuosa*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T49	*Leptastrea purpurea*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T50	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	RB
LKN-T51	*Lithophyllon undulatum*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T52	*Lithophyllon undulatum*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T53	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T54	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T55	*Cyphastrea serailia*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T56	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T57	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T58	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T59	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T60	*Lithophyllon undulatum*	<10	<1	<1	<1	F	<1mm	RB
LKN-T61	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SD
LKN-T62	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
LKN-T63	*Psammocora haimeana*	<10	<1	<1	<1	F	<1mm	SB
LKN-T64	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T65	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T66	*Porites* sp.	10-50	5	<1	<1	F	<1mm	RB
LKN-T67	*Dipsastraea rotumana*	<10	<1	<1	<1	F	<1mm	RB
LKN-T68	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	RB
LKN-T69	*Porites* sp.	10-50	10	<1	<1	F	<1mm	RB
LKN-T70	*Porites* sp.	10-50	5	<1	<1	F	<1mm	SD
LKN-T71	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T72	*Pavona decussata*	10-50	5	5	<1	F	<1mm	SD
LKN-T73	*Porites* sp.	<10	5	<1	<1	F	<1mm	SD
LKN-T74	*Porites* sp.	<10	10	<1	<1	F	<1mm	SD
LKN-T75	*Porites* sp.	10-50	10	<1	<1	F	<1mm	SD
LKN-T76	*Porites* sp.	10-50	5	<1	<1	F	<1mm	SD
LKN-T77	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T78	*Porites* sp.	<10	5	<1	<1	F	<1mm	RB
LKN-T79	*Leptastrea pruinosa*	10-50	<1	5	<1	F	<1mm	RB
LKN-T80	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T81	*Porites* sp.	<10	<1	10	<1	F	<1mm	SD
LKN-T82	*Porites* sp.	10-50	<1	10	<1	F	<1mm	SD
LKN-T83	*Porites* sp.	<10	5	<1	<1	F	<1mm	SD
LKN-T84	*Porites* sp.	<10	10	<1	<1	F	<1mm	SD
LKN-T85	*Porites* sp.	<10	<1	10	<1	F	<1mm	SD
LKN-T86	*Porites* sp.	<10	5	5	<1	F	<1mm	SD
LKN-T87	*Porites* sp.	<10	<1	<1	<1	F	<1mm	SD
LKN-T88	*Porites* sp.	<10	<1	20	<1	F	<1mm	SD
LKN-T89	*Porites* sp.	<10	<1	<1	<1	F	<1mm	SD
LKN-T90	*Porites* sp.	<10	10	<1	<1	F	<1mm	SD
LKN-T91	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T92	*Dipsastraea rotumana*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T93	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	RB

Annex C2 - Post-translocation Survey for Translocated Corals from Liu Ko Ngam

Tag Number	Species	Size range (<10; 10-50; >50) (cm)	Partial Mortality (%)	Bleaching (%)	Sediment % cover	Sediment texture (Fine (F); Course (C))	Sediment thickness (<1mm; 1mm; >1mm)	Substrate Type (BR, LB, SB, RB, SD)
LKN-T94	*Favites chinensis*	<10	<1	<1	<1	F	<1mm	RB
LKN-T95	*Porites* sp.	<10	10	<1	<1	F	<1mm	SD
LKN-T96	*Favites pentagona*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T97	*Dipsastraea rotumana*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T98	*Goniastrea aspera*	10-50	<1	<1	<1	F	<1mm	RB
LKN-T99	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SD
LKN-T100	*Porites* sp.	<10	<1	<1	<1	F	<1mm	SD
LKN-T101	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T102	*Leptastrea pruinosa*	10-50	<1	<1	<1	F	<1mm	SB
LKN-T103	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T104	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T107	*Pavona decussata*	10-50	<1	<1	<1	F	<1mm	SD
LKN-T108	*Porites* sp.	10-50	<1	<1	<1	F	<1mm	SB

Annex D

Health Status of Reference Coral Colonies at Control Station

Annex D - Health Status of Reference Corals at Control Station (Tsing Chau)

Tag no.	Species	Size range (<10, 10-50; >50cm)	Partial Mortality (%)	Bleaching (%)	Sediment cover (%)	Percentage increase in sediment cover (%)	Sediment Thickness (<1mm; 1mm; >1mm)	Sediment Type (Mud/ Sand)	Sediment Color
Baseline Monitoring on 30 October 2015									
TC-1	*Dipsastraea rotumana*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-2	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-3	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-5	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-6	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-7	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-8	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-9	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-10	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-11	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-12	*Dipsastraea rotumana*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-13	*Favities pentagona*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-14	*Lithophyllon undulatum*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-15	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-16	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-17	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-18	*Porities* sp.	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-19	*Dipsastraea rotumana*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-20	*Lithophyllon undulatum*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-21	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-22	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-23	*Leptastrea purpurea*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-24	*Cyphastrea japonica*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-25	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-26	*Leptastrea pruinosa*	>50	<1	<1	<1	N/A	<1	N/A	N/A
TC-27	*Leptastrea pruinosa*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-28	*Favities pentagona*	10-50	<1	<1	<1	N/A	<1	N/A	N/A
TC-29	*Leptastrea pruinosa*	>50	<1	<1	<1	N/A	<1	N/A	N/A
TC-30	*Leptastrea pruinosa*	>50	<1	<1	<1	N/A	<1	N/A	N/A
Post-project Monitoring on 25 May 2016									
TC-1	*Dipsastraea rotumana*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-2	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-3	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-5	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-6	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-7	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-8	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A

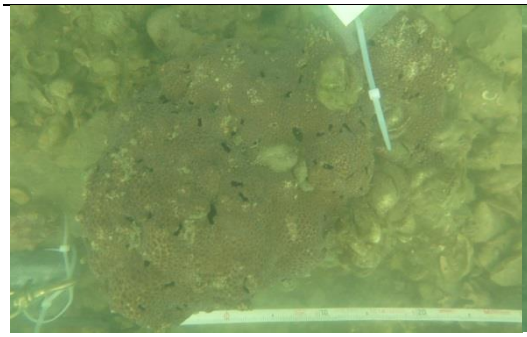
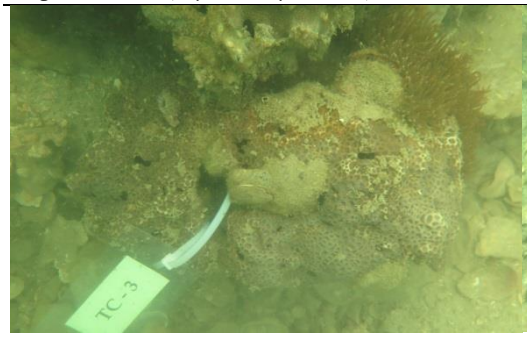
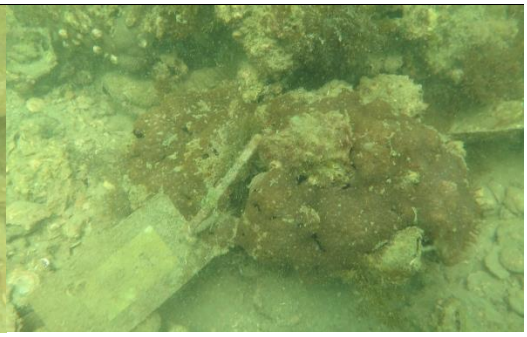
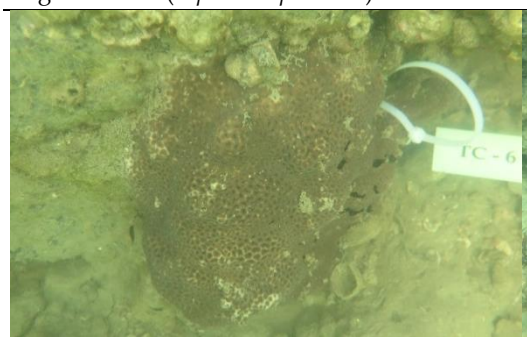
Tag no.	Species	Size range (<10, 10-50; >50cm)	Partial Mortality (%)	Bleaching (%)	Sediment cover (%)	Percentage increase in sediment cover (%)	Sediment Thickness (<1mm; 1mm; >1mm)	Sediment Type (Mud/ Sand)	Sediment Color
TC-9	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-10	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-11	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-12	*Dipsastraea rotumana*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-13	*Favities pentagona*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-14	*Lithophyllon undulatum*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-15	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-16	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-17	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-18	*Porities* sp.	10-50	50	<1	<1	0	<1	N/A	N/A
TC-19	*Dipsastraea rotumana*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-20	*Lithophyllon undulatum*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-21	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-22	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-23	*Leptastrea purpurea*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-24	*Cyphastrea japonica*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-25	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-26	*Leptastrea pruinosa*	>50	<1	<1	<1	0	<1	N/A	N/A
TC-27	*Leptastrea pruinosa*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-28	*Favities pentagona*	10-50	<1	<1	<1	0	<1	N/A	N/A
TC-29	*Leptastrea pruinosa*	>50	<1	<1	<1	0	<1	N/A	N/A
TC-30	*Leptastrea pruinosa*	>50	<1	<1	<1	0	<1	N/A	N/A

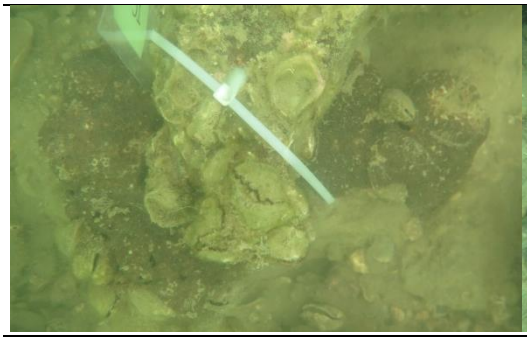
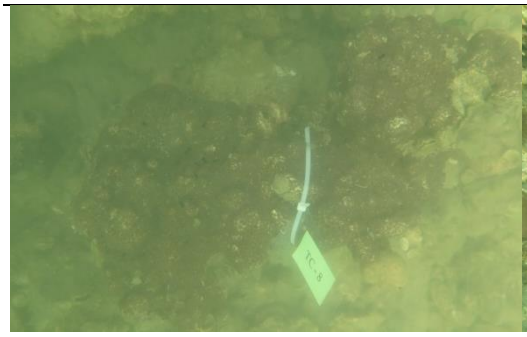
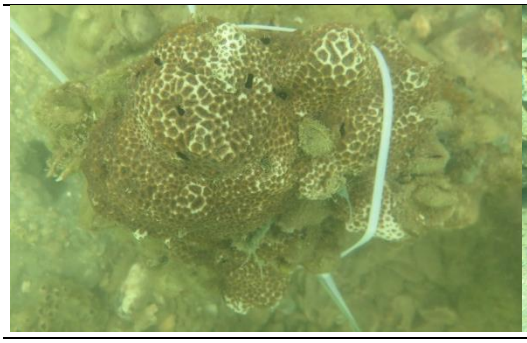
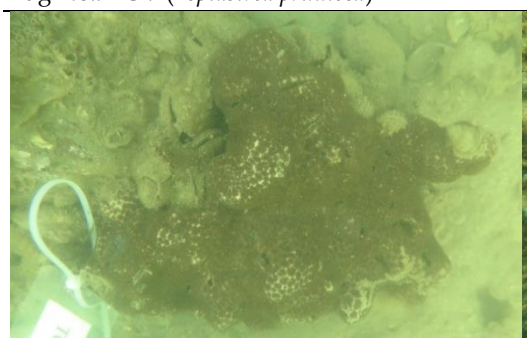
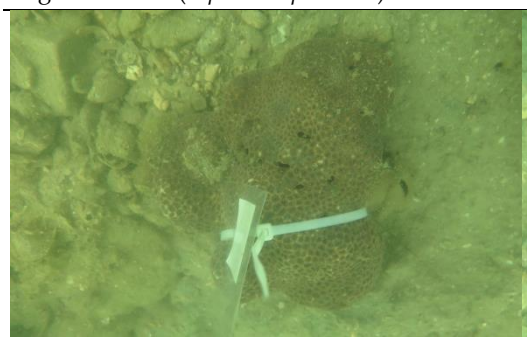
Notes: TC-4 could not be located during the post-project monitoring survey and the results are not presented in the table.

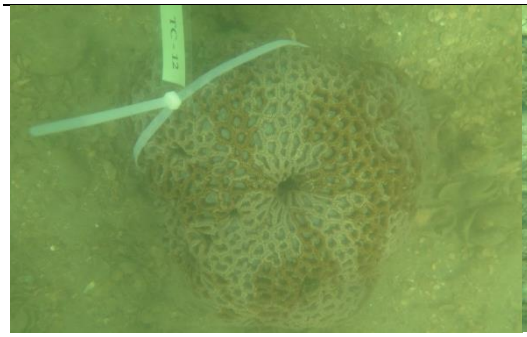
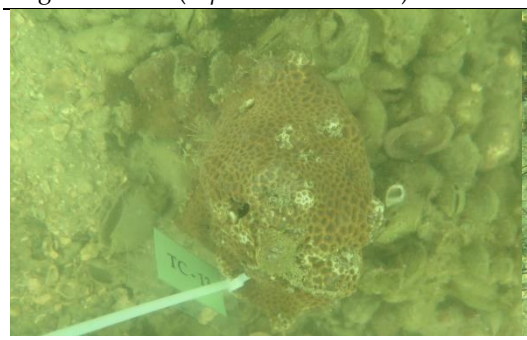
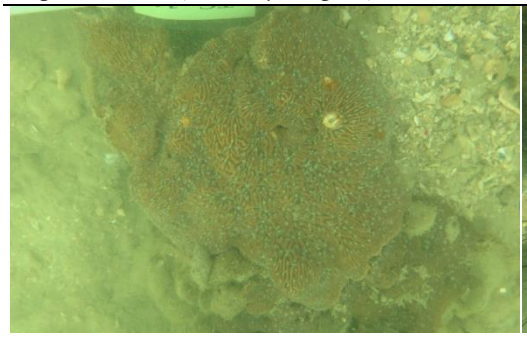
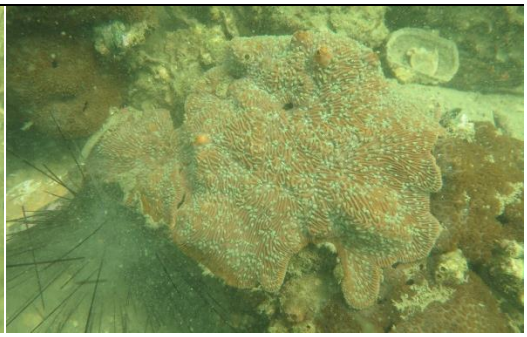
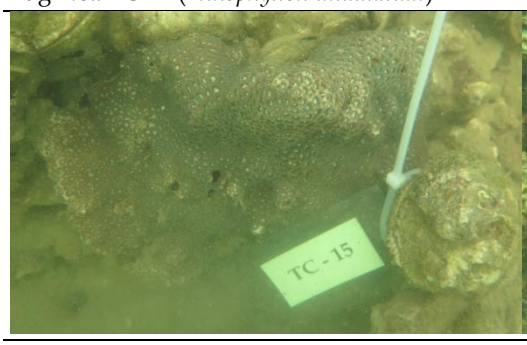
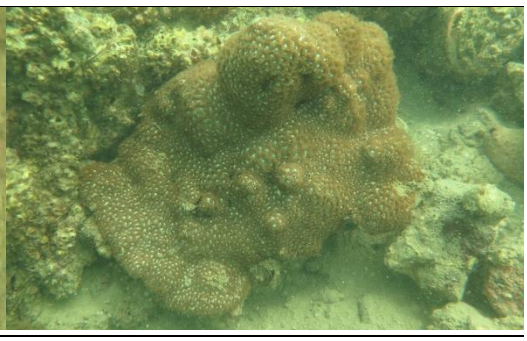
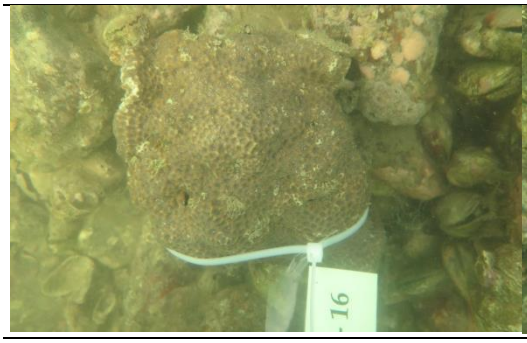
Annex E

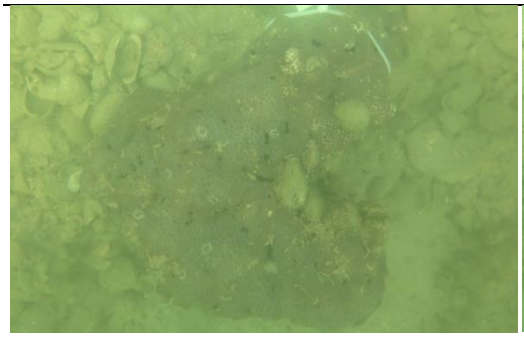
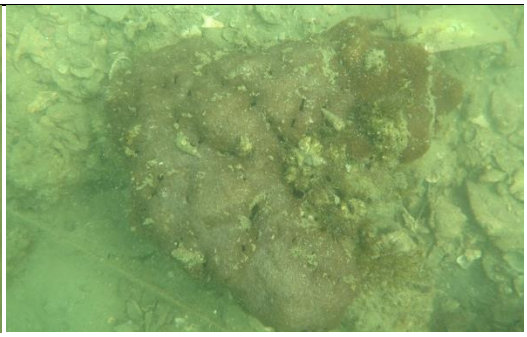
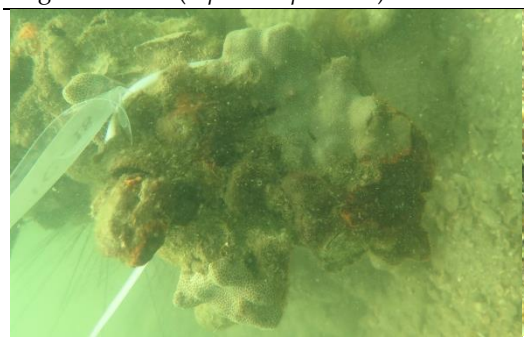
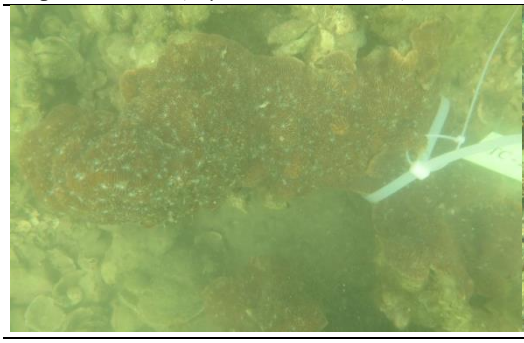
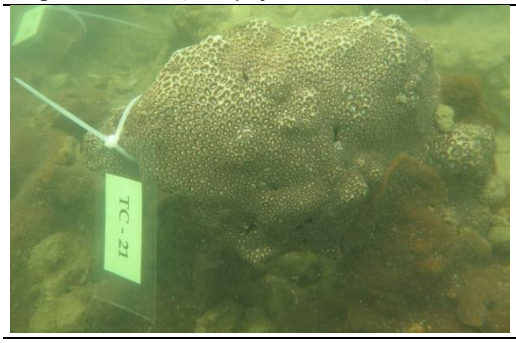
Photographic Record of Reference Coral Colonies

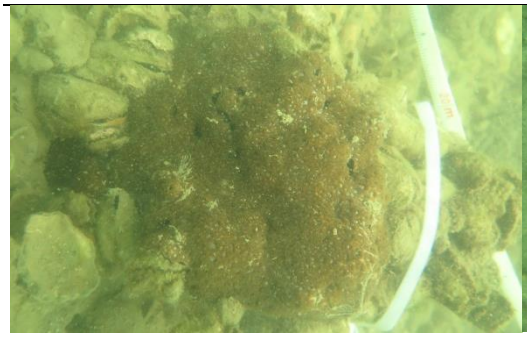
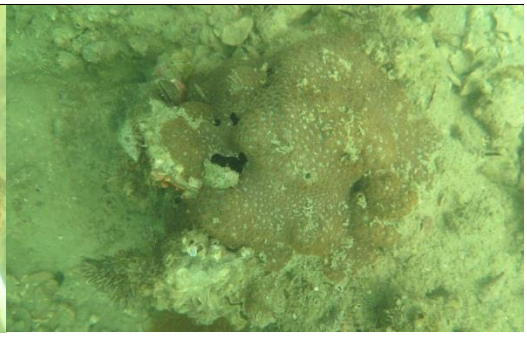
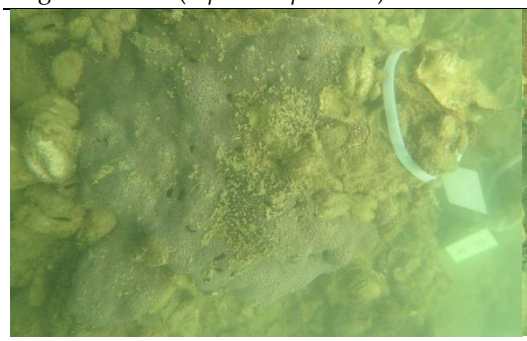
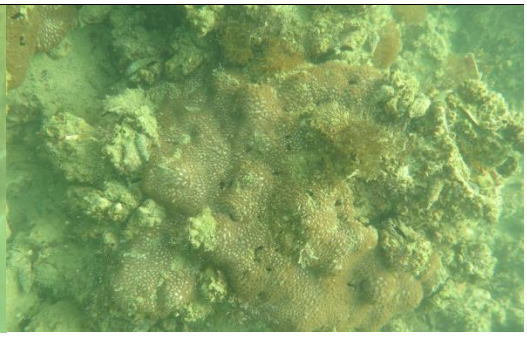
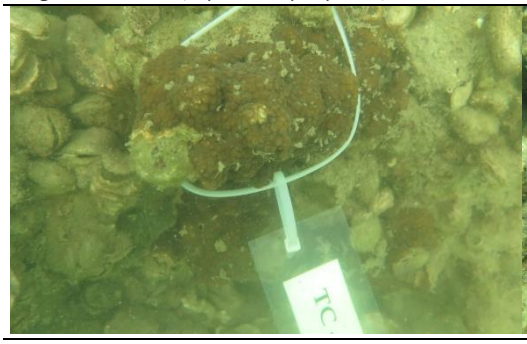
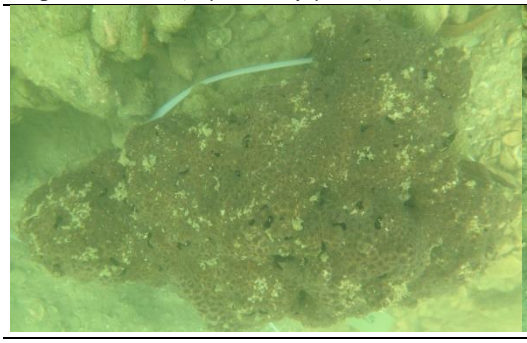
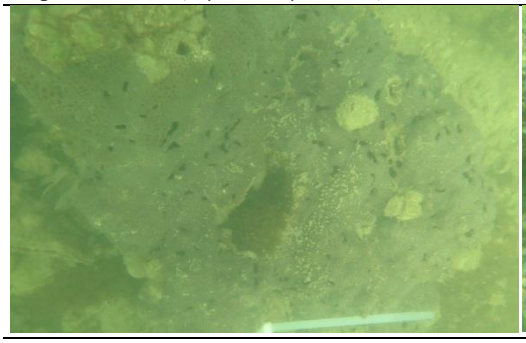
Annex E –Reference Corals Tagged at Tsing Chau (Control Station)

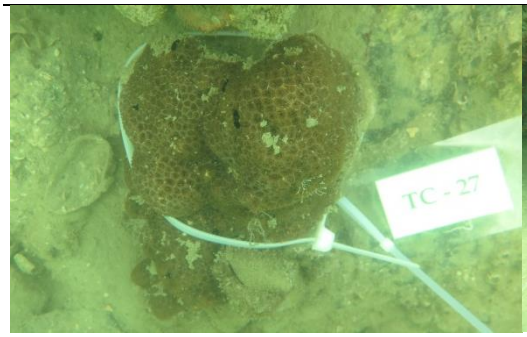
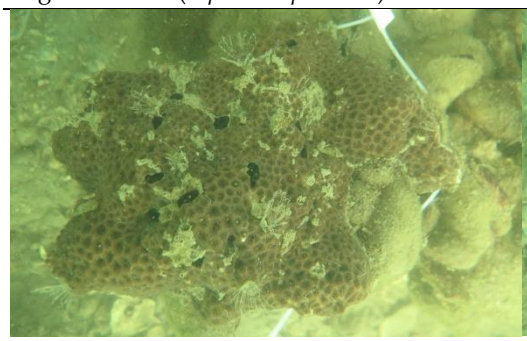
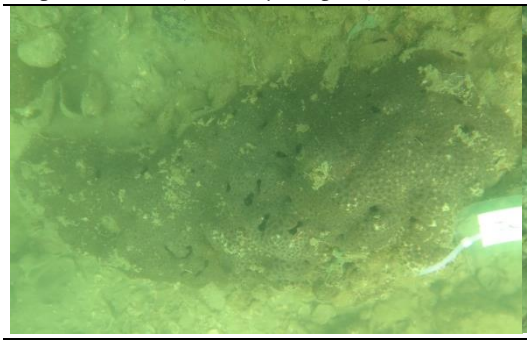
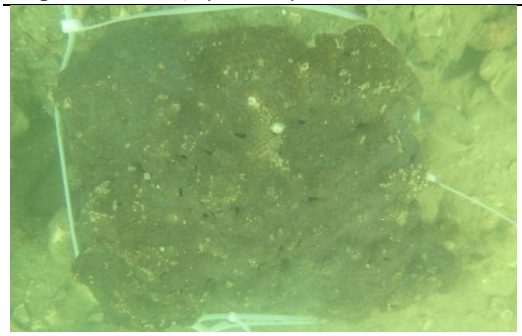
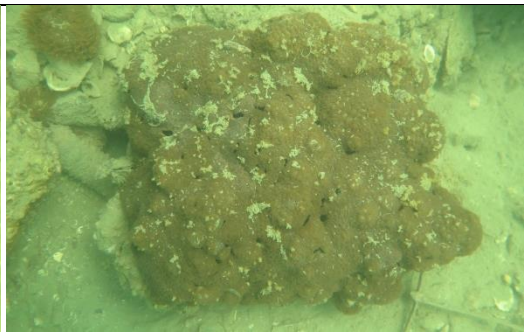
Baseline Monitoring on 30 October 2015	Post-project Monitoring on 25 May 2016
	
Tag No.: TC-1 (*Dipsastraea rotumana*)	
	
Tag No.: TC-2 (*Leptastrea pruinosa*)	
	
Tag No.: TC-3 (*Leptastrea purpurea*)	
	
Tag No.: TC-5 (*Leptastrea pruinosa*)	
	
Tag No.: TC-6 (*Leptastrea pruinosa*)	

Baseline Monitoring on 30 October 2015	Post-project Monitoring on 25 May 2016
	
Tag No.: TC-7 (*Leptastrea pruinosa*)	
	
Tag No.: TC-8 (*Leptastrea pruinosa*)	
	
Tag No.: TC-9 (*Leptastrea pruinosa*)	
	
Tag No.: TC-10 (*Leptastrea pruinosa*)	
	
Tag No.: TC-11 (*Leptastrea pruinosa*)	

Baseline Monitoring on 30 October 2015	Post-project Monitoring on 25 May 2016
	
Tag No.: TC-12 (*Dipsastraea rotumana*)	
	
Tag No.: TC-13 (*Favities pentagona*)	
	
Tag No.: TC-14 (*Lithophyllon undulatum*)	
	
Tag No.: TC-15 (*Leptastrea pruinosa*)	
	
Tag No.: TC-16 (*Leptastrea pruinosa*)	

Baseline Monitoring on 30 October 2015	Post-project Monitoring on 25 May 2016
	
Tag No.: TC-17 (*Leptastrea pruinosa*)	
	
Tag No.: TC-18 (*Porities* sp.)	
	
Tag No.: TC-19 (*Dipsastraea rotumana*)	
	
Tag No.: TC-20 (*Lithophyllon undulatum*)	
	
Tag No.: TC-21 (*Leptastrea pruinosa*)	

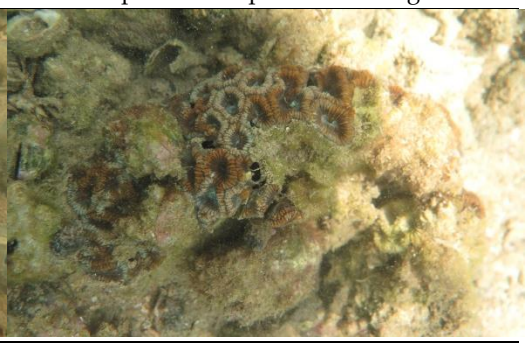
Baseline Monitoring on 30 October 2015	Post-project Monitoring on 25 May 2016
	
Tag No.: TC-22 (*Leptastrea pruinosa*)	
	
Tag No.: TC-23 (*Leptastrea purpurea*)	
	
Tag No.: TC-24 (*Crphastrea japonica*)	
	
Tag No.: TC-25 (*Leptastrea pruinosa*)	
	
Tag No.: TC-26 (*Leptastrea pruinosa*)	

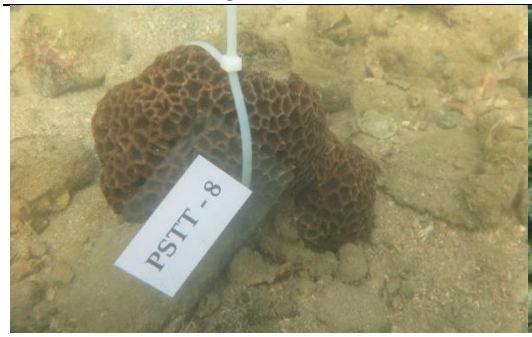
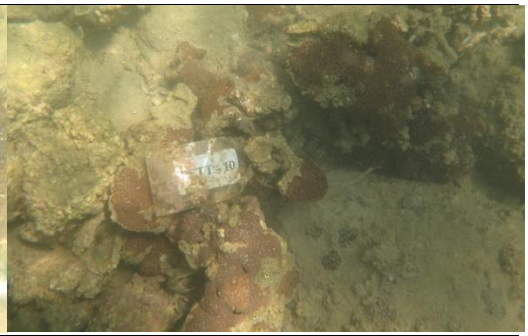
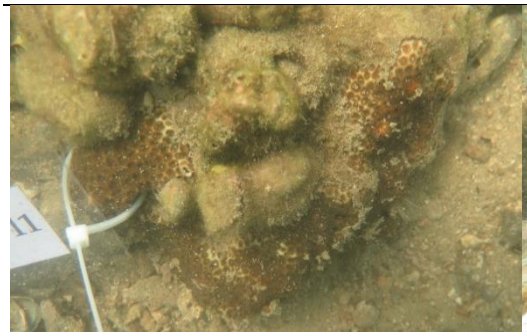
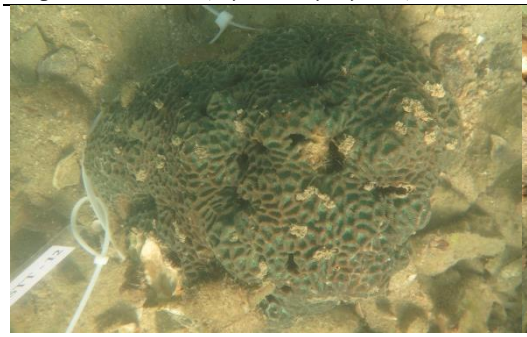
Baseline Monitoring on 30 October 2015	Post-project Monitoring on 25 May 2016
	
Tag No.: TC-27 (*Leptastrea pruinosa*)	
	
Tag No.: TC-28 (*Favities pentagona*)	
	
Tag No.: TC-29 (*Leptastrea pruinosa*)	
	
Tag No.: TC-30 (*Leptastrea pruinosa*)	

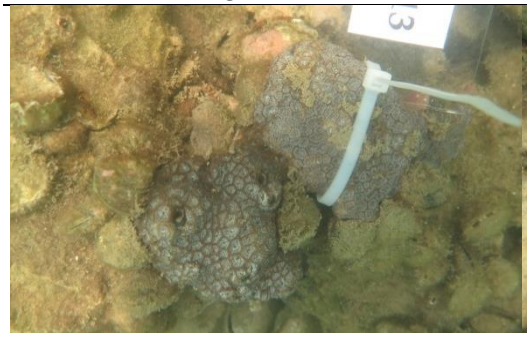
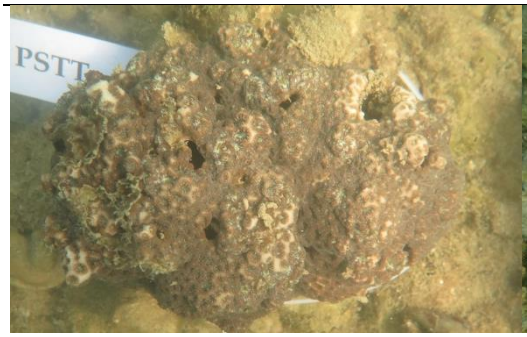
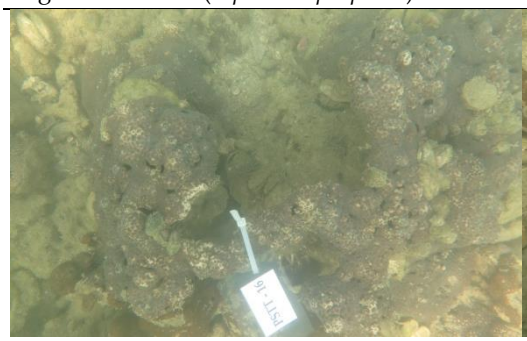
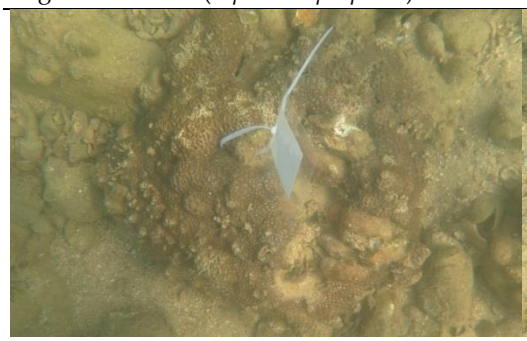
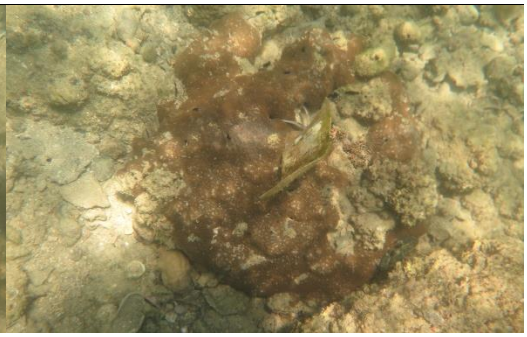
Annex F

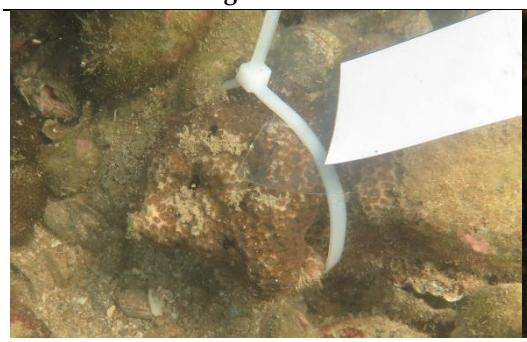
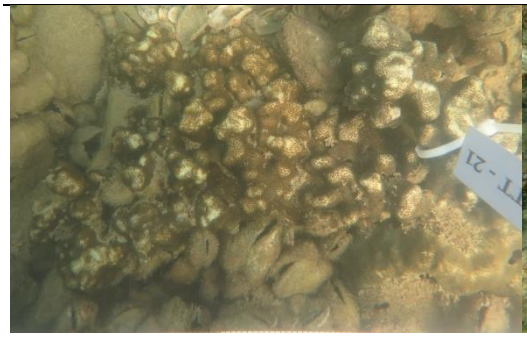
Photographic Record of Tagged Coral Colonies for Monitoring of General Coral Conditions

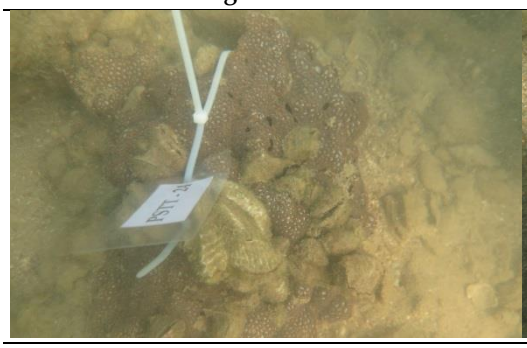
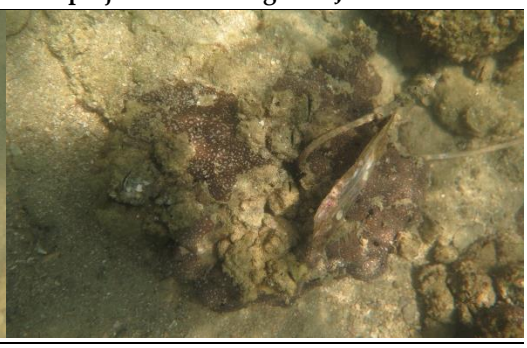
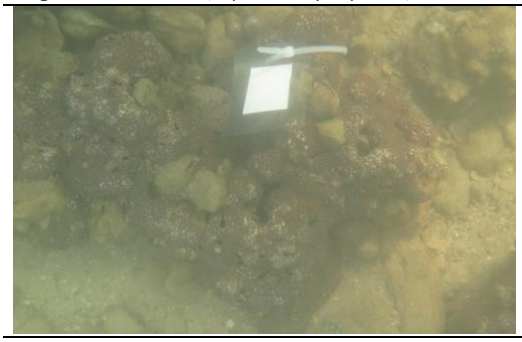
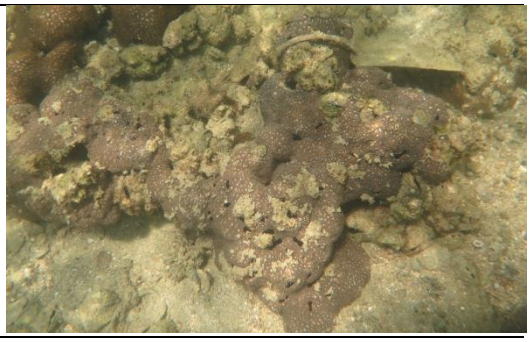
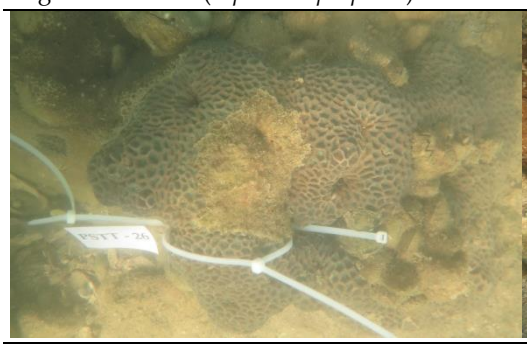
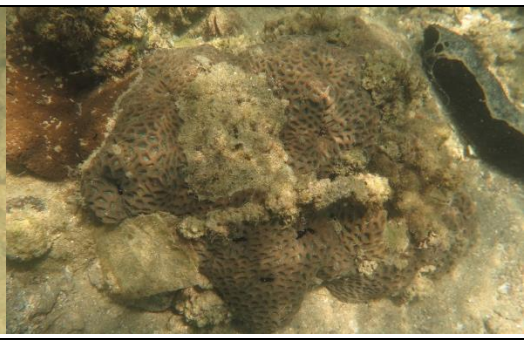
Annex F1 – Corals Tagged at Pak Sha Tau Tsui

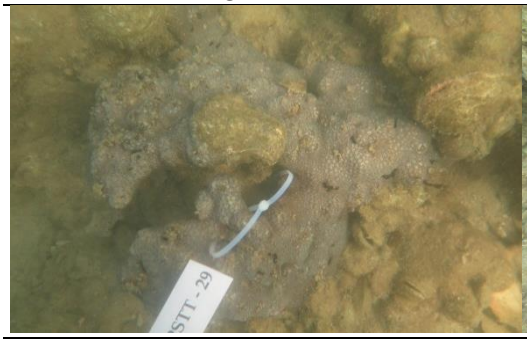
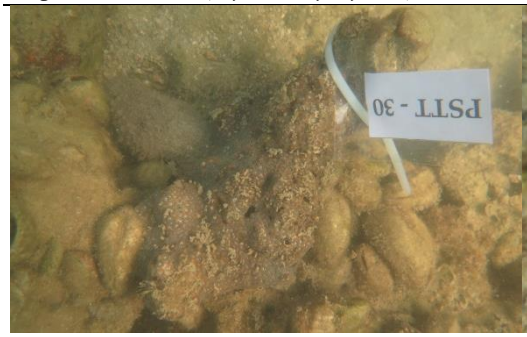
Baseline Monitoring on 29 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: PSTT-2 (*Favites flexuosa*)	Note: Colony was observed to be overturned in previous impact monitoring.
	
Tag No.: PSTT-4 (*Dipsastraea rotumana*)	Note: Physical damage observed.
	N/A
Tag No.: PSTT-6 (*Leptastrea purpurea*)	Note: Colony was observed missing within the affect area.
	
Tag No.: PSTT-7 (*Leptastrea pruinosa*)	Note: Physical damage observed.

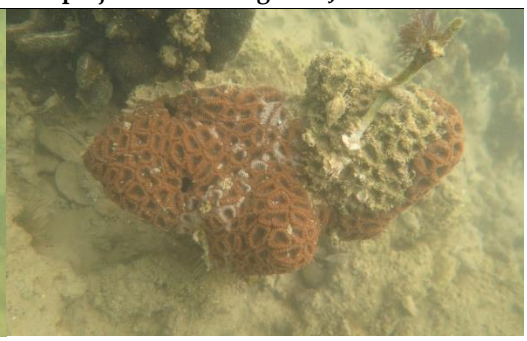
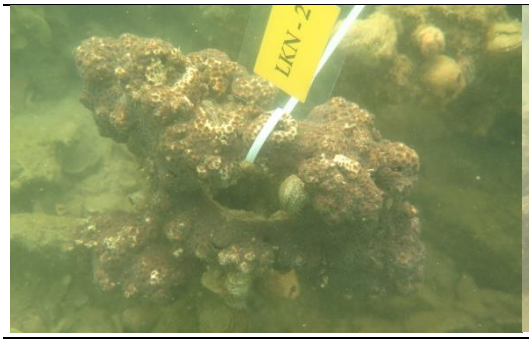
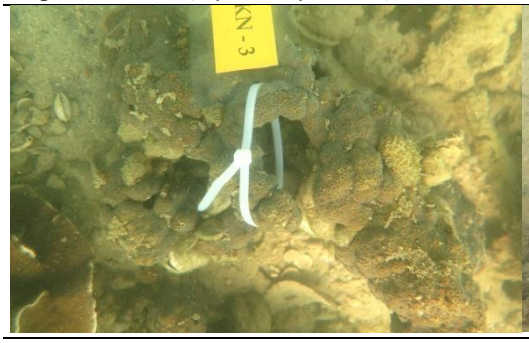
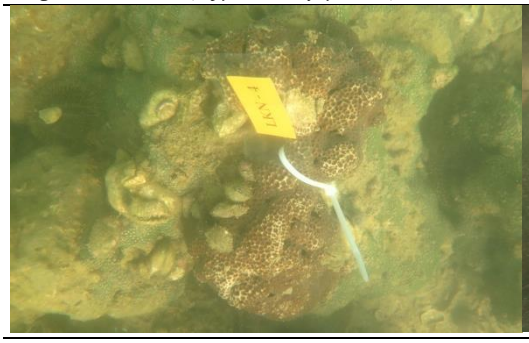
Baseline Monitoring on 29 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: PSTT-8 (*Goniastrea aspera*)	
	
Tag No.: PSTT-9 (*Cyphastrea serailia*)	
	
Tag No.: PSTT-10 (*Leptastrea pruinosa*)	Note: Physical damage observed
	
Tag No.: PSTT-11 (*Leptastrea purpurea*)	
	
Tag No.: PSTT-12 (*Goniastrea aspera*)	Note: Physical damage observed.

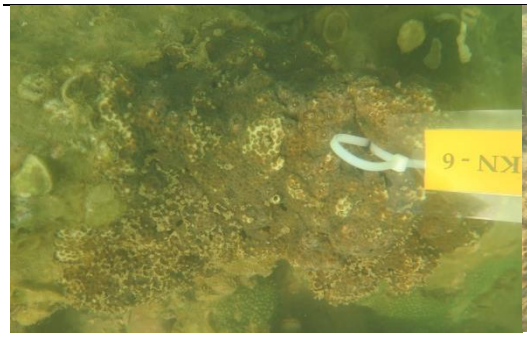
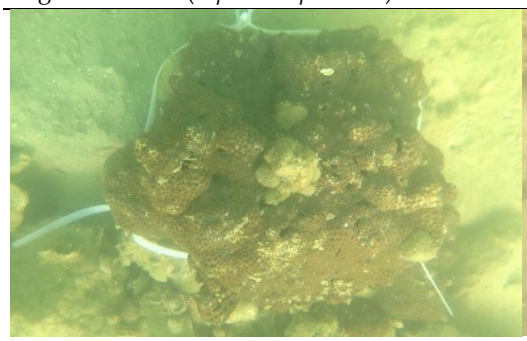
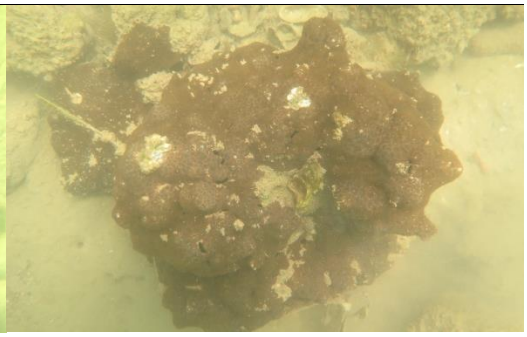
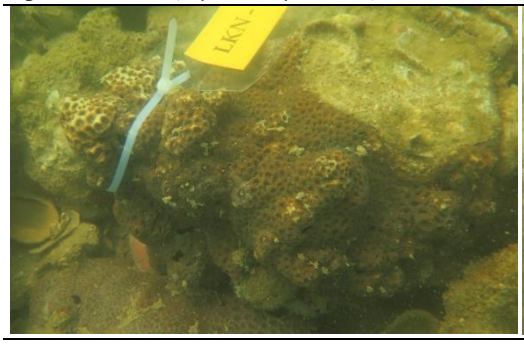
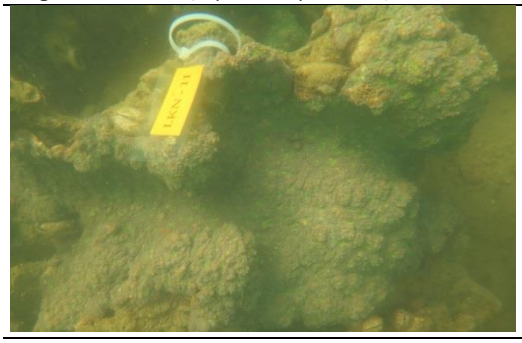
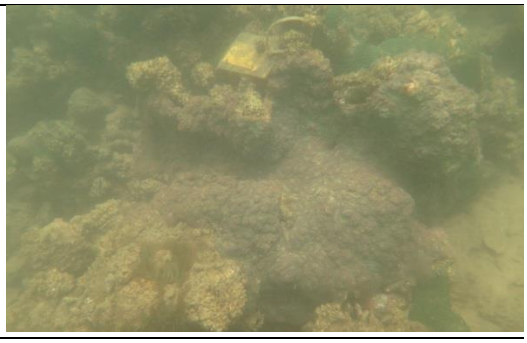
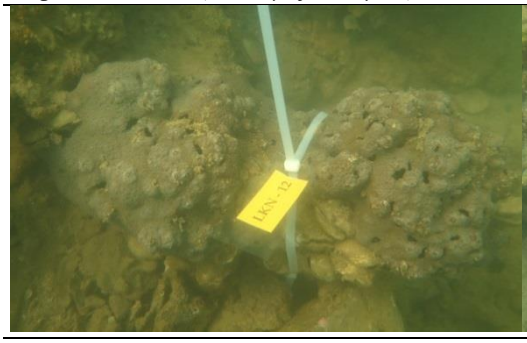
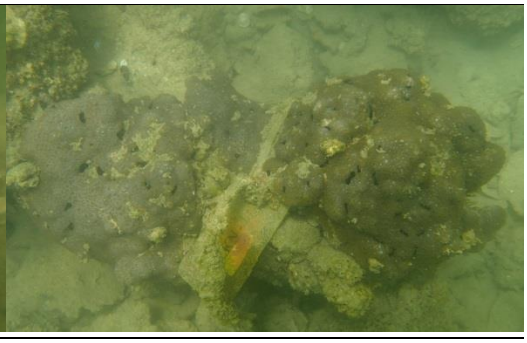
Baseline Monitoring on 29 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: PSTT-13 (*Leptastrea pruinosa*)	
	
Tag No.: PSTT-14 (*Dipsastraea rotumana*)	
	
Tag No.: PSTT-15 (*Leptastrea purpurea*)	
	
Tag No.: PSTT-16 (*Leptastrea purpurea*)	
	
Tag No.: PSTT-18 (*Leptastrea pruinosa*)	

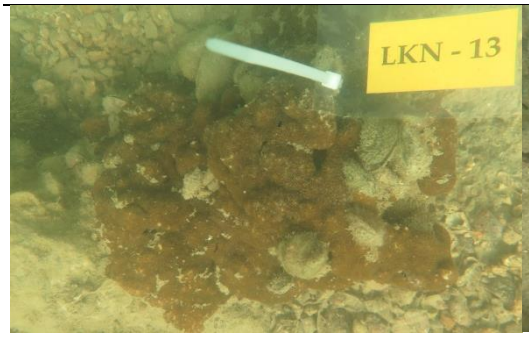
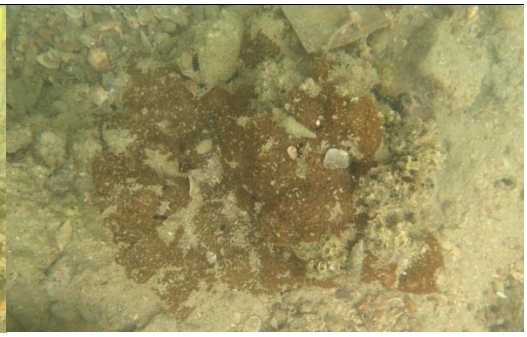
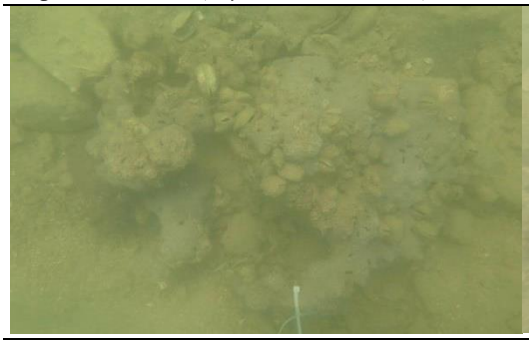
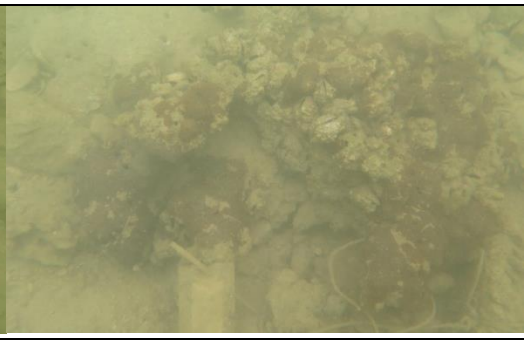
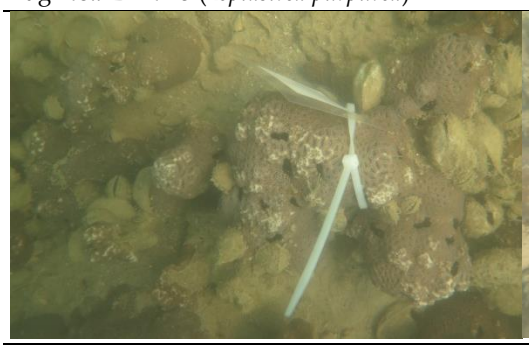
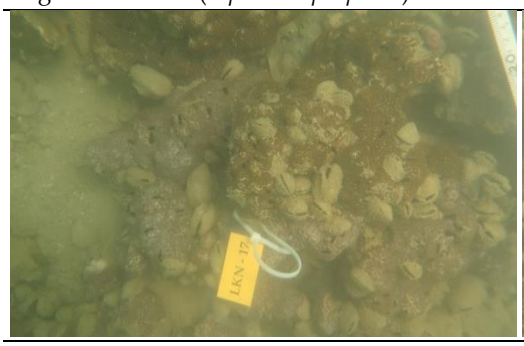
Baseline Monitoring on 29 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: PSTT-19 (*Leptastrea pruinosa*)	
	
Tag No.: PSTT-20 (*Leptastrea pruinosa*)	
	
Tag No.: PSTT-21 (*Porites* sp.)	
	
Tag No.: PSTT-22 (*Leptastrea pruinosa*)	
	
Tag No.: PSTT-23 (*Porites* sp.)	

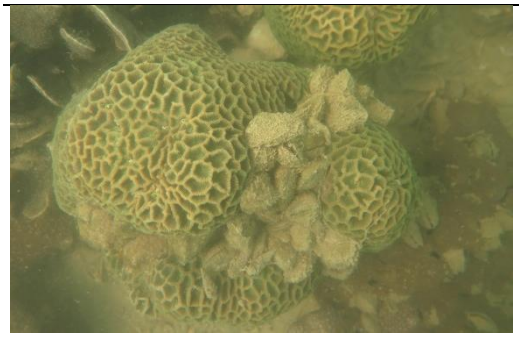
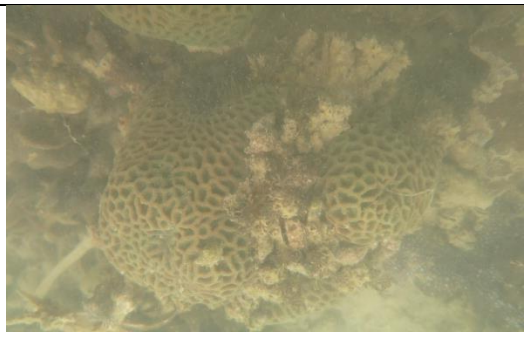
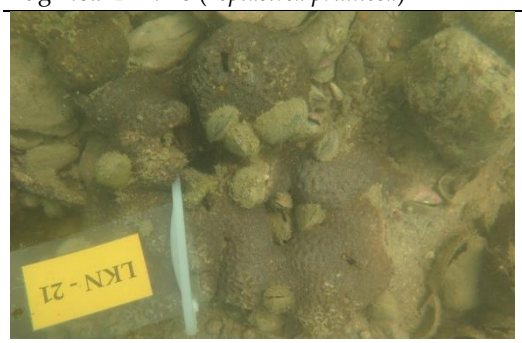
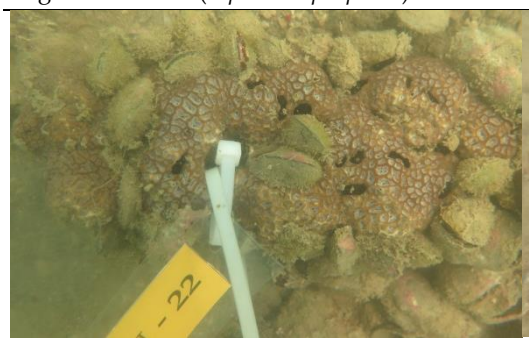
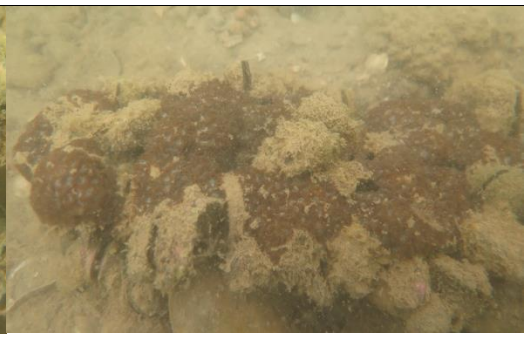
Baseline Monitoring on 29 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: PSTT-24 (*Leptastrea purpurea*)	
	
Tag No.: PSTT-25 (*Leptastrea purpurea*)	
	
Tag No.: PSTT-26 (*Favites chinensis*)	
	
Tag No.: PSTT-27 (*Porites* sp.)	
	
Tag No.: PSTT-28 (*Leptastrea pruinosa*)	

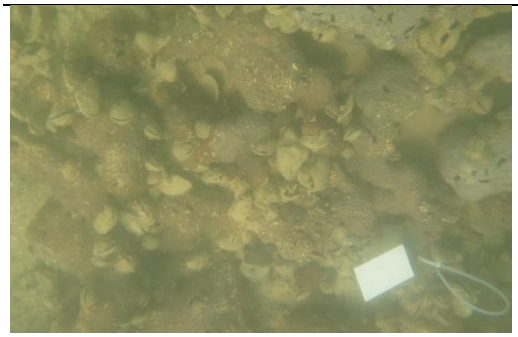
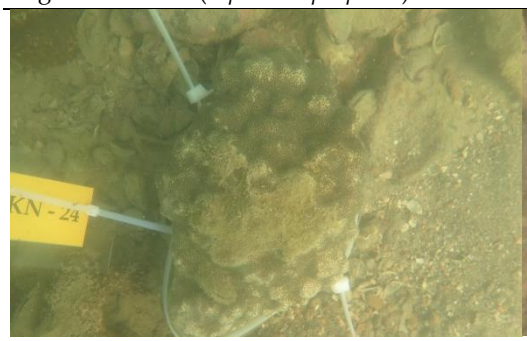
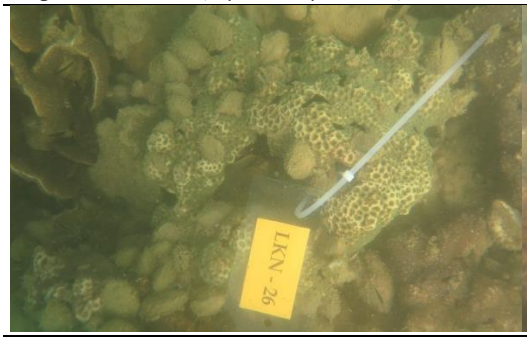
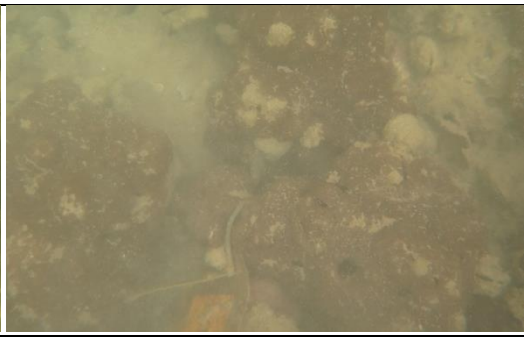
Baseline Monitoring on 29 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: PSTT-29 (*Leptastrea purpurea*)	
	
Tag No.: PSTT-30 (*Leptastrea purpurea*)	

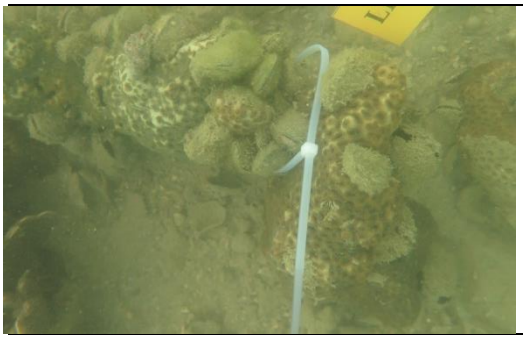
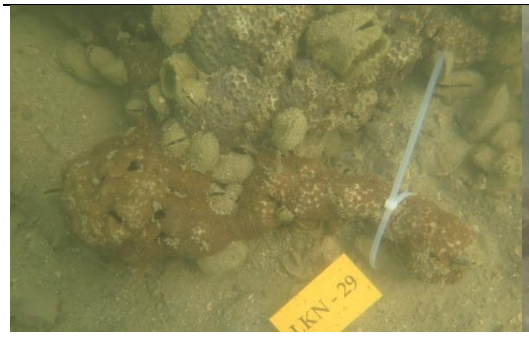
Baseline Monitoring on 30 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: LKN-1 (*Dipsastraea rotumana*)	
	
Tag No.: LKN-2 (*Leptastrea pruinosa*)	
	
Tag No.: LKN-3 (*Cyphastrea japonica*)	
	
Tag No.: LKN-4 (*Favites pentagona)*	
	
Tag No.: LKN-5 (*Dipsastraea rotumana*)	

Baseline Monitoring on 30 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: LKN-6 (*Leptastrea pruinosa*)	
	
ag No.: LKN-8 (*Leptastrea pruinosa*)	
	
Tag No.: LKN-9 (*Leptastrea pruinosa*)	
	
Tag No.: LKN-11 (*Echinophyllia aspera*)	
	
Tag No.: LKN-12 (*Leptastrea purpurea*)	

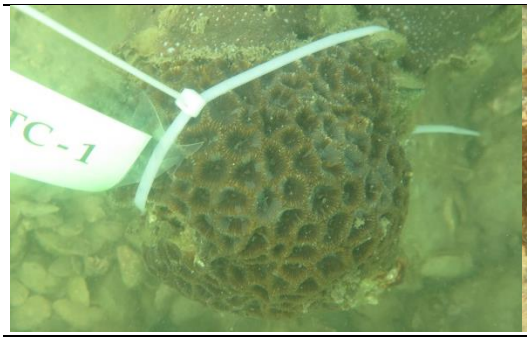
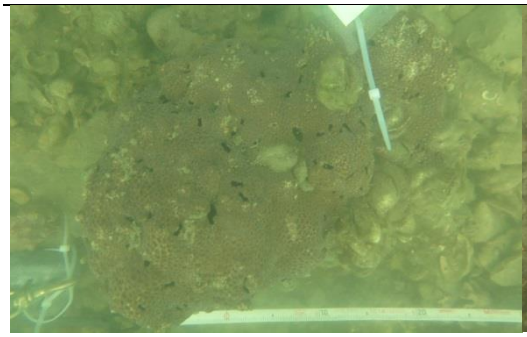
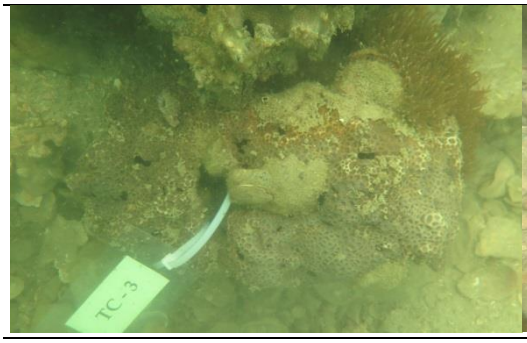
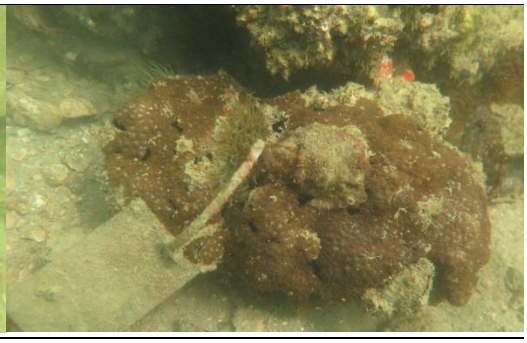
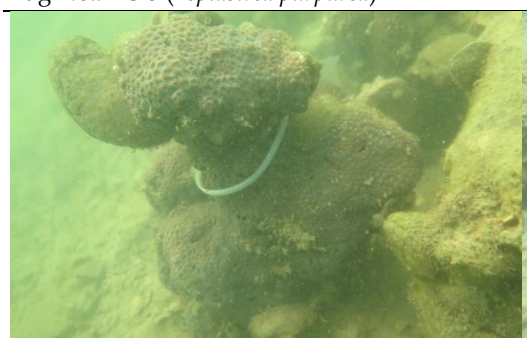
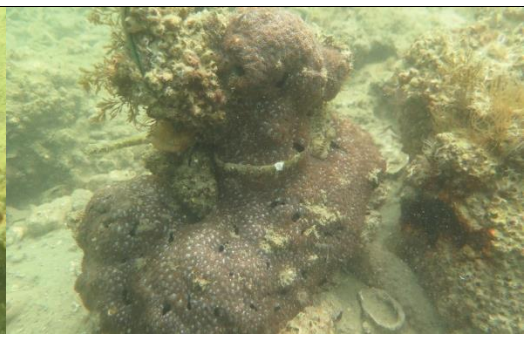
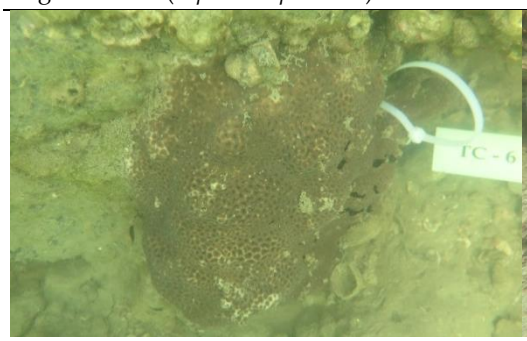
Baseline Monitoring on 30 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: LKN-13 (*Leptastrea pruinosa*)	
	
Tag No.: LKN-14 (*Dipsastraea rotumana*)	
	
Tag No.: LKN-15 (*Leptastrea purpurea*)	
	
Tag No.: LKN-16 (*Leptastrea purpurea*)	
	
Tag No.: LKN-17 (*Leptastrea pruinosa*)	

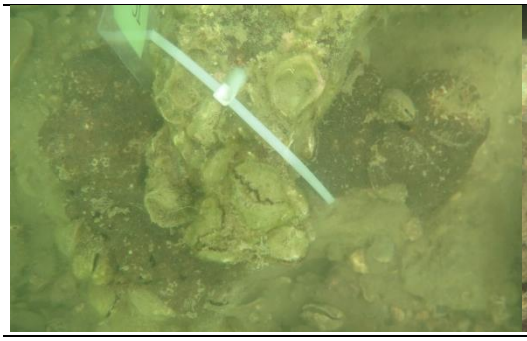
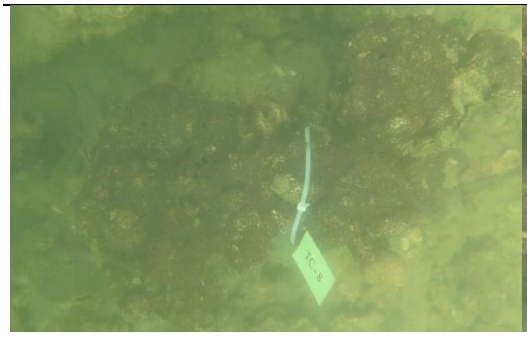
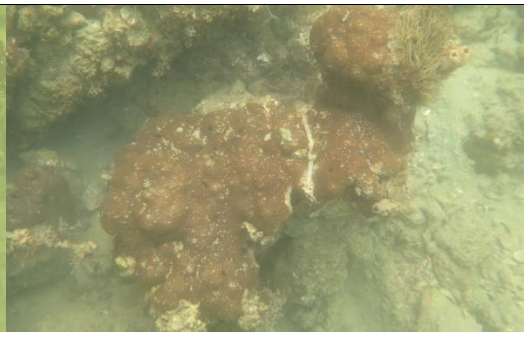
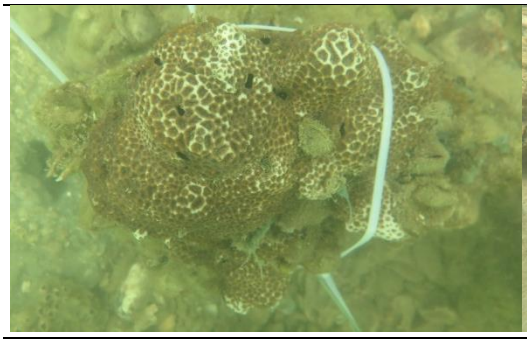
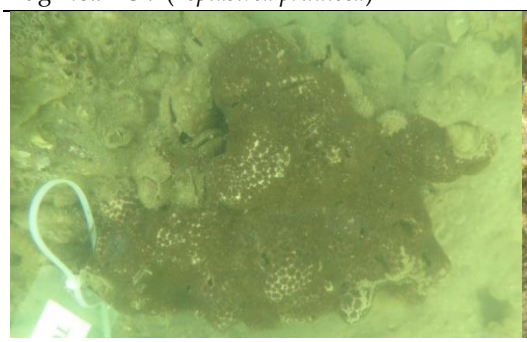
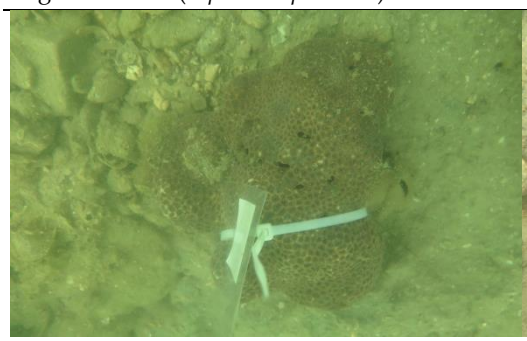
Baseline Monitoring on 30 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: LKN-18 (*Leptastrea purpurea*)	
	
ag No.: LKN-19 (*Platygyra acuta*)	
	
Tag No.: LKN-20 (*Leptastrea pruinosa*)	
	
Tag No.: LKN-21 (*Leptastrea purpurea*)	
	
Tag No.: LKN-22 (*Leptastrea purpurea*)	

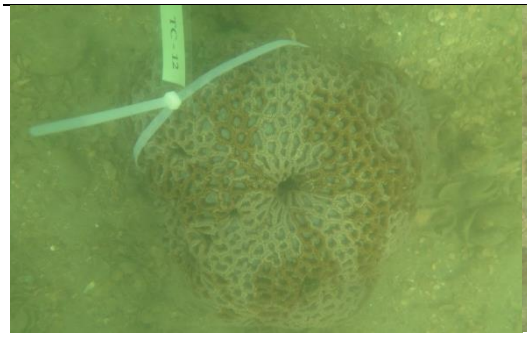
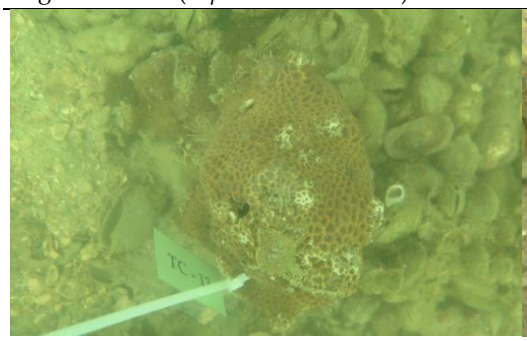
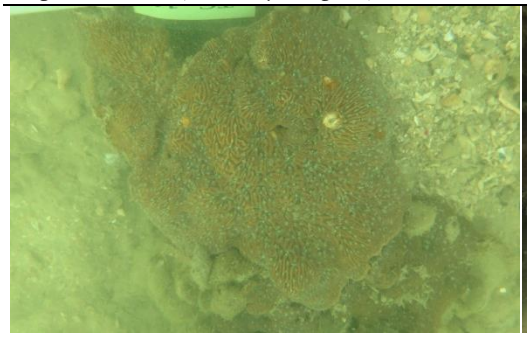
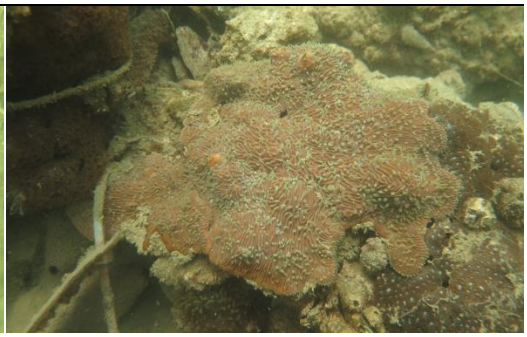
Baseline Monitoring on 30 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: LKN-23 (*Leptastrea purpurea*)	
	
Tag No.: LKN-24 (*Porites* sp.)	
	
Tag No.: LKN-25 (*Leptastrea pruinosa*)	
	
Tag No.: LKN-26 (*Leptastrea pruinosa*)	
	
Tag No.: LKN-27 (*Leptastrea pruinosa*)	

Baseline Monitoring on 30 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: LKN-28 (*Leptastrea pruinosa*)	
	
Tag No.: LKN-29 (*Leptastrea pruinosa*)	
	
Tag No.: LKN-30 (*Dipsastraea rotumana*)	

Annex F3 – Corals Tagged at Tsing Chau

Baseline Monitoring on 30 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: TC-1 (*Dipsastraea rotumana*)	
	
Tag No.: TC-2 (*Leptastrea pruinosa*)	
	
Tag No.: TC-3 (*Leptastrea purpurea*)	
	
Tag No.: TC-5 (*Leptastrea pruinosa*)	
	
Tag No.: TC-6 (*Leptastrea pruinosa*)	

Baseline Monitoring on 30 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: TC-7 (*Leptastrea pruinosa*)	
	
Tag No.: TC-8 (*Leptastrea pruinosa*)	
	
Tag No.: TC-9 (*Leptastrea pruinosa*)	
	
Tag No.: TC-10 (*Leptastrea pruinosa*)	
	
Tag No.: TC-11 (*Leptastrea pruinosa*)	

Baseline Monitoring on 30 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: TC-12 (*Dipsastraea rotumana*)	
	
Tag No.: TC-13 (*Favities pentagona*)	
	
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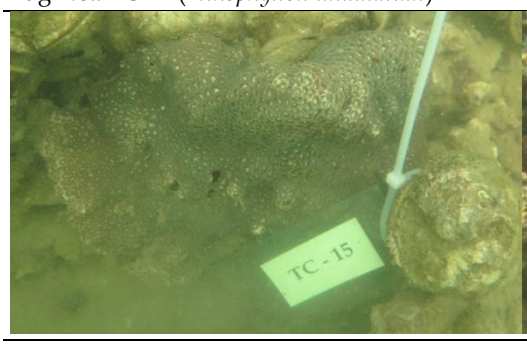	
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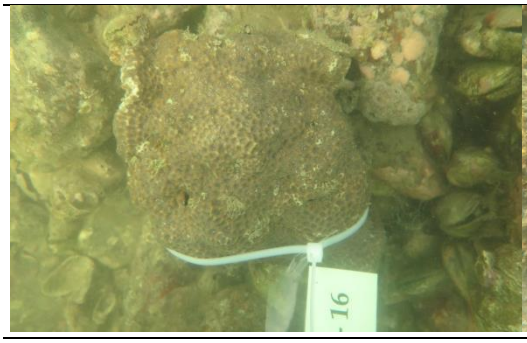	
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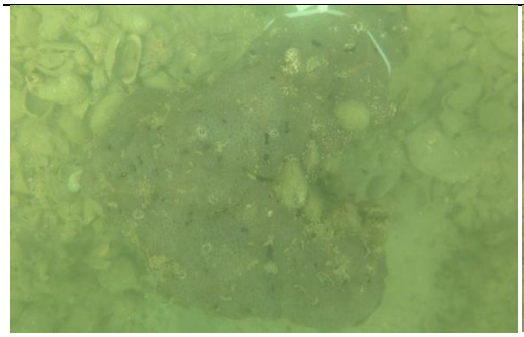
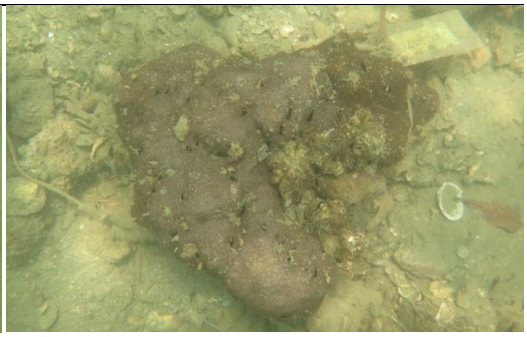
Baseline Monitoring on 30 October 2015	Post-project Monitoring on 3 June 2016
	
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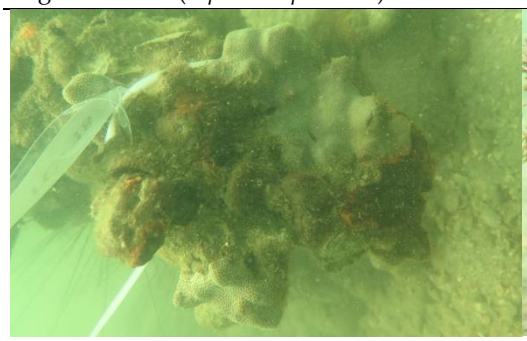
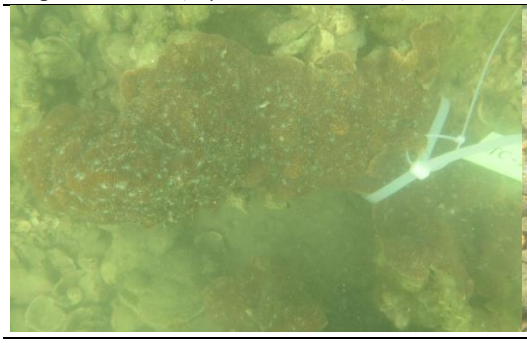
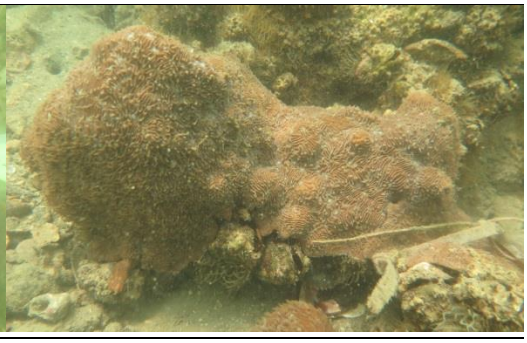
	
Tag No.: TC-18 (*Porities* sp.)	
	
Tag No.: TC-19 (*Dipsastraea rotumana*)	
	
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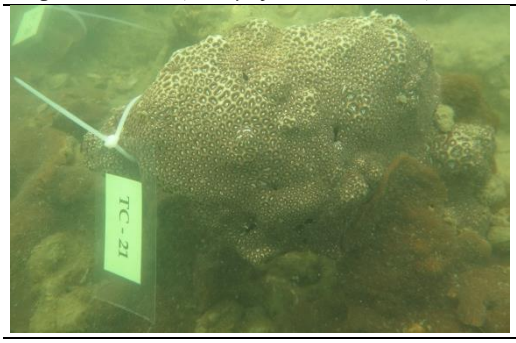
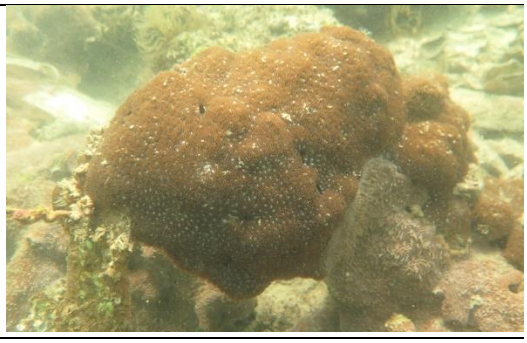
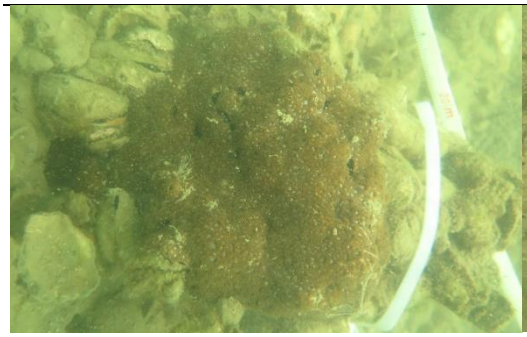
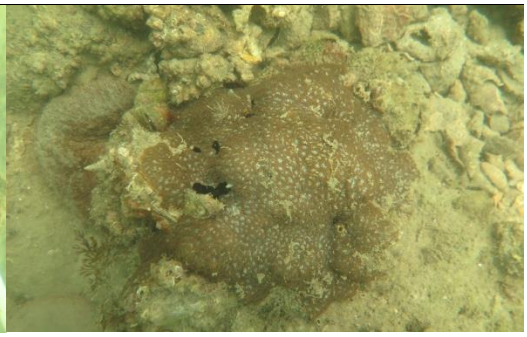
	
Tag No.: TC-21 (*Leptastrea pruinosa*)	

Baseline Monitoring on 30 October 2015	Post-project Monitoring on 3 June 2016
	
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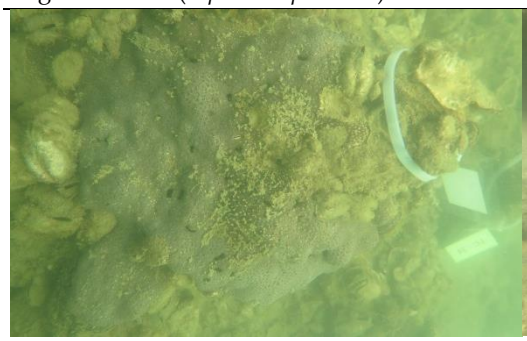
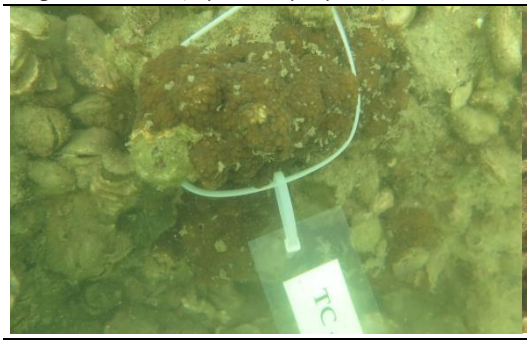
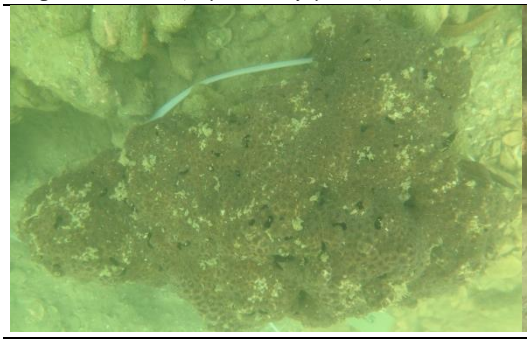
	
Tag No.: TC-23 (*Leptastrea purpurea*)	
	
Tag No.: TC-24 (*Crphastrea japonica*)	
	
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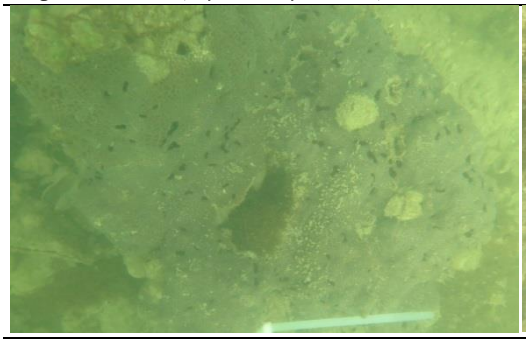
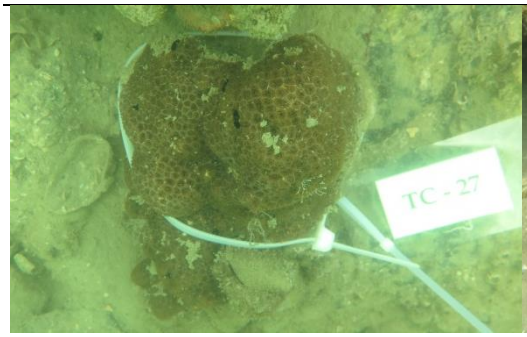
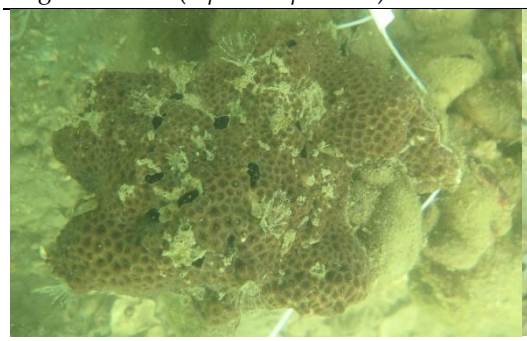
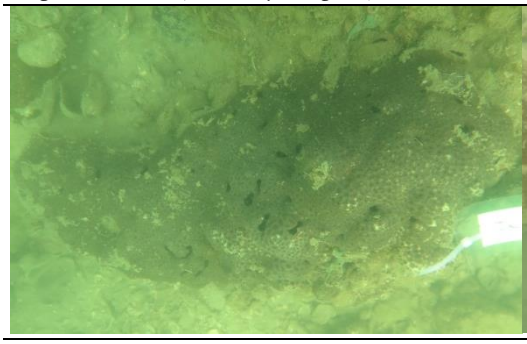
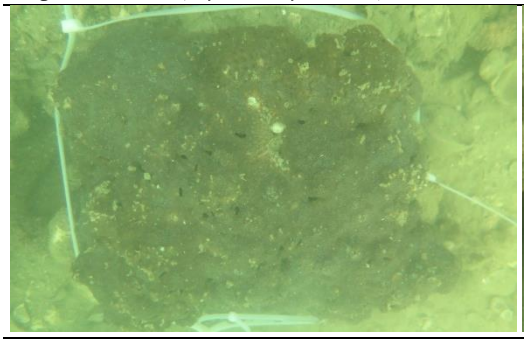
	
Tag No.: TC-26 (*Leptastrea pruinosa*)	

Baseline Monitoring on 30 October 2015	Post-project Monitoring on 3 June 2016
	
Tag No.: TC-27 (*Leptastrea pruinosa*)	
	
Tag No.: TC-28 (*Favities pentagona*)	
	
Tag No.: TC-29 (*Leptastrea pruinosa*)	
	
Tag No.: TC-30 (*Leptastrea pruinosa*)	

Annex G

Results of REA survey

Table G1 Rank of Ecological Seabed Attributes along the REA Survey Transects (1)

Date	Site (2)	Hard Coral	Dead Coral	Soft Coral	Black Coral	Macroalgae	Turf Algae
Baseline on 29-30/10/15	PSTT	2	2	0	0	0	0
	LKN	2	3	0	0	0	0
	TC	2	2	0	0	0	0
Post-project Monitoring on 3/6/16	PSTT	2	2	0	0	0	0
	LKN	2	3	0	0	0	0
	TC	2	2	0	0	0	0

Note: (1) Rank: 0 = none recorded, 1 = 1-5%, 2= 6-10%, 3= 11-30%, 4=31-50%, 5=51-75% and 6=76-100%
(2) PSTT = Pak Sha Tau Tsui, LKN = Liu Ko Ngam & TC = Tsing Chau.

Table G2 Rank of Physical Seabed Attributes along the REA Survey Transects (1)

		Hard Substrata						Soft Substrata		
Date	Site(2)	Bedrock/ continuous pavement	Large Boulders (> 50 cm)	Small Boulders (< 50 cm)	Rubble	Rock (< 26 cm)	Other	Sand	Mud/Silt	Mud
Baseline on 29 -30/10/15	PSTT	0	1	4	3	2	0	1	1	0
	LKN	0	1	5	3	3	0	1	1	0
	TC	0	0	4	4	3	0	2	2	0
Post-project Monitoring on 3/6/16	PSTT	0	1	4	3	2	0	1	1	0
	LKN	0	1	5	3	3	0	1	1	0
	TC	0	0	4	4	3	0	2	2	0

Note: (1) Rank: 0 = none recorded, 1 = 1-5%, 2= 6-10%, 3= 11-30%, 4=31-50%, 5=51-75% and 6=76-100%
(2) PSTT = Pak Sha Tau Tsui, LKN = Liu Ko Ngam & TC = Tsing Chau.

Table G3 Relative Abundance of Hard Coral Species Recorded during the REA Survey

Date	Species	Pak Sha Tau Tsui	Liu Ko Ngam	Tsing Chau
Baseline on 29 - 30/10/15	*Cyphastrea japonica*	0	2	1
	Cyphastrea serailia	1	2	0
	Echinophyllia aspera	0	1	3
	Dipsastraea rotumana	3	3	0
	Favites acuticollis	0	2	0
	Favites chinensis	2	0	0
	Favites flexuosa	2	2	0
	Favites pentagona	0	2	1
	Goniastrea aspera	2	0	0
	Leprastrea priunosa	4	4	4
	Leptastrea purpurea	3	3	4
	Lithophyllon undulatum	0	0	2
	Oulastrea cripsata	1	0	0
	Pavona decussata	3	4	4
	Platygyra acuta	0	1	0
	Porites sp.	3	2	2
	Total Species	10	12	8
Post-project Monitoring on 3/6/16	*Cyphastrea japonica*	0	2	1
	Cyphastrea serailia	1	2	0
	Echinophyllia aspera	0	1	3
	Dipsastraea rotumana	3	3	0
	Favites acuticollis	0	2	0
	Favites chinensis	2	0	0
	Favites flexuosa	2	2	0
	Favites pentagona	0	2	1
	Goniastrea aspera	2	0	0
	Leprastrea priunosa	4	4	4
	Leptastrea purpurea	3	3	4
	Lithophyllon undulatum	0	0	2
	Oulastrea cripsata	1	0	0
	Pavona decussata	3	4	4
	Platygyra acuta	0	1	0
	Porites sp.	3	2	2
	Total Species	10	12	8

Note: Rank: 0=absent, 1 = rare, 2= uncommon, 3= common, 4 = abundant and 5 = dominant.

Table G4 Relative Abundance of Species (excluding Hard Coral) Recorded during the REA Survey

Date	Genus	Pak Sha Tau Tsui	Liu Ko Ngam	Tsing Chau
Baseline on 29-30/10/15	Sponge	2	3	1
	Sea anemones	0	1	1
	Zoanthids	2	0	0
	Tunicates	1	2	0
	Molluscs	4	4	3
	Total Species	4	4	3
Post-project Monitoring on 3/6/16	Sponge	2	3	1
	Sea anemones	0	1	1
	Zoanthids	2	0	0
	Tunicates	1	2	0
	Molluscs	4	4	3
	Total Species	4	4	3

Note: Rank: 0=absent, 1 = rare, 2= uncommon, 3= common, 4 = abundant and 5 = dominant.

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