

Mr Franco NG	Senior Country Parks Officer (South-east)
Ms Y N NGAR	Senior Country Parks Officer (North-west)
Mr Alfred WONG	Senior Country Parks Officer (Ranger Services)
Ms Maria YOUNG	Country Parks Officer (Lantau)
Miss Cindy YUEN	Country Parks Officer (Enhancement Projects 1)
Mr Y S CHOW	Senior Field Officer (Lantau)
Dr Y M MAK	Marine Parks Officer (West)
Dr Ivan CHAN	Marine Parks Officer (Development) 2

Officer of Water Supplies Department

Mr LIN Tang-tai	Senior Engineer (Planning Policy)
-----------------	-----------------------------------

Secretary

Miss Phyllis CHAN	Assistant Secretary (Boards) 1, AFCD
-------------------	--------------------------------------

For Visit Item 2 only
Water Supplies Department

Mr LEUNG Man-hon, Clement	Chief Electrical and Mechanical Engineer (Projects)
Mr LEUNG Chi-fung	Assistant Electrical Engineer (Projects 10)

VISIT DETAILS

- 1. Visit to the Brothers Marine Park, Sha Chau and Lung Kwu Chau Marine Park and the Proposed Southwest Lantau Marine Park**

1.1 During the boat tour to the Brothers Marine Park (BMP), Sha Chau and Lung Kwu Chau Marine Park (SCLKCMP) and the proposed Southwest Lantau Marine Park (SWLMP), members were briefed about the background, management plan and ecological characteristics of the three marine parks while they were inspecting the waters concerned on board. They were also introduced the methods of demarcating marine park boundaries and various zones as well as the enforcement work and ecological monitoring carried out in the marine parks. Members learnt about the implementation and enforcement of vessel speed limit within marine parks and tried using the laser speed gun that was used by AFCD staff for measuring vessel speed. An adult Chinese white dolphin was sighted during the visit to BMP which was a precious sighting in Northeast Lantau waters in recent years. Members spotted the dolphin and made photographic and video records of the sighting. The sighting information has been incorporated into AFCD's long-term dolphin monitoring dataset.

1.2 Members were also briefed on the work plan for marine parks in the next ten years, which included the plans to designate the proposed SWLMP in 2018, the proposed South Lantau Marine Park in 2019 and the compensatory marine park for the three-runway system in 2024. They noted that if these marine parks could be successfully designated on schedule, around 5.3% of Hong Kong waters would be protected by marine parks by year 2025, which would represent an increase of 3 to 4% of coverage when compared to the present situation.

2. Inspection of the Pilot Floating Solar Power System at Shek Pik Reservoir

2.1 After lunch at Tai O, members visited the Pilot Floating Solar Power System (the System) at Shek Pik Reservoir, Lantau South Country Park. Representatives of the Water Supplies Department (WSD) briefed members on the design, operation and benefits of this first floating solar power system in Hong Kong. Members learnt that the System which was installed in February 2017 could generate as much as 120,000 kilowatt-hours of electricity annually and was currently used by WSD for supplying electricity to the nearby pumping station of the reservoir. They also noted that the benefits of such system included reducing water evaporation, suppressing algal growth and reducing carbon dioxide emissions from combustion of fossil fuels.

2.2 Representatives of WSD also shared their views on the prospect of large scale implementation of floating solar power systems in Hong Kong and answered members' questions.

3. Inspection of the Pak Fu Tin Plantation Enrichment Project site

3.1 Members then visited the Pak Fu Tin Plantation Enrichment Project site located at Nam Shan, Lantau South Country Park, and were briefed on the objective and implementation of the Country Parks Plantation Enrichment Project (PEP). They noted that the PEP involved the thinning of aging exotic tree species and replacing them with suitable native tree seedlings with a view to improving the ecological habitat and sustainable development of the plantation areas. They also inspected the tree log piles on site and were introduced the contributions of these piles towards creating microhabitats for wildlife. Members learnt about the post-planting maintenance and the latest development of the PEP.

3.2 Members appreciated the efforts of the project and gave some suggestions on the project, such as identifying suitable sites for planting tree/ flowering species for public appreciation.

4. Inspection of the Chi Ma Wan Mountain Bike Trail

4.1 Members then proceeded to visit the Chi Ma Wan Mountain Bike Trail (the Trail) near Shap Long. They were briefed about the Mountain Bike Trail (MBT) improvement works carried out by the Civil Engineering and Development Department and the future development of the South Lantau MBT network. Members watched a demonstration on the usage of mountain bike on the Trail and some of them had a short mountain bike ride to experience the technical trail features.

4.2 Overall speaking, members were of the view that the field visit provided a good opportunity for them to better understand the work and plans of AFCD and other government departments in country and marine parks.