ISO A1 594mm x 841mm

Project Management Initials: Designer: Checked: Approved:

816000 E

Better Land Utilisation

- The Project aspires to turn the existing vast extent of brownfield sites which have created considerable environmental, traffic, visual and other problems to more optimal uses.
- The existing interface problem between brownfield operations and the adjoining residential developments will also be alleviated.

Minimising Water Quality Impacts

- By reducing and attenuating stormwater flows through the adoption of sustainable drainage systems or facilities, flooding would be avoided/reduced, water quality of channels and subsequent ecological value of channels would be improved.
- By reducing the amount of effluent discharge from the new HSK STW via Urmston Road Submarine Outfall, with reusing part of the treated sewage effluent as reclaimed water, the pollution loading to the North Western WCZ would be minimised.

Protection of San Sang San Tsuen Egretry

The Egretry is retained and protected in "GB" zone, which is an improvement upon its current condition in a highly disturbed storage area. The "LO" also provides an eco-corridor, covering the ardeid flight paths, and joining the "GB" supporting the egretry to "GB" and foraging habitats to the east.

832000 N

Protection of Natural Watercourse

A natural watercourse is located in the "Industry" zone in the west of the Project area. To avoid direct loss of this watercourse, the watercourse and the area south of it were zoned as "GB" thereby protecting it from development.

LEGEND:

PROJECT BOUNDARY

N

KONG SHAM WESTERN HIGHWAY

HA TSUEN

HUNG SHUI KIU

CASTLE PEAK ROAD

TUEN LONG HIGHWAY

Minimising Landscape and Visual Impacts

- A comprehensive open space network is planned for the NDA to create a continuous riverside promenade, where additional open spaces are introduced.
- Changes to the spatial layout of the developments along TSW Main Channel to further enhance air ventilation performance and visual porosity. The landscape and ecological value of the riverside promenade will be enhanced by planting vegetation of native species.

Minimising Air Quality and Noise Impacts

The re-arrangement of the road network by replacement of Tin Ying Road and downgrading of Hung Tin Road will minimise air pollutants generated from road traffic as well as reduce the existing road traffic noise.

Preservation of Built Heritage

All of the Declared Monuments and Graded Historic Buildings have been preserved. A cultural heritage trail is also proposed to allow public to appreciate these precious heritage resources by walking.

Protection of the Deep Bay Water Quality

- There will be no increase in the pollution loading to the Deep Bay waters, as the sewage generated by the Project will be either reused as reclaimed water or properly disposed at North Western WCZ.
- New sewerage network in the Project which will replace the existing unsewered areas within the proposed development area, will reduce the pollution loading to Deep Bay.

Green Mobility

Community neighbourhoods within walking distance of mass transit and public transport nodes will also be created within easily accessible daily necessities to promote walking. The GTC encompassing EFTS, pedestrian walkways and cycle tracks, and a comprehensive pedestrian walkways and cycle tracks network will connect different activity nodes within the Project area. With the above planning, road traffic and associated vehicular emissions will be minimised.

AECOM

PROJECT
項目

HUNG SHUI KIU NEW DEVELOPMENT AREA PLANNING AND ENGINEERING STUDY - INVESTIGATION

CLIENT
業主

CEDD 土木工程拓展署 Civil Engineering and Development Department

規劃署 Planning Department

CONSULTANT
工程顧問公司

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ISSUE/REVISION
發行

I/R 發行	DATE 日期	DESCRIPTION 內容摘要	CHK. 核核

STATUS
狀況

SCALE
比例

A3 1 : 20000

DIMENSION UNIT
尺寸單位

METRES

KEY PLAN
索引圖

PROJECT NO.
項目編號

60222570

AGREEMENT NO.
協議編號

CE2/2011 (CE)

SHEET TITLE
圖紙名稱

ENVIRONMENTAL BENEFITS ARISING FROM THE PROJECT

SHEET NUMBER
圖紙編號

60222570/TR19C/FIGURE 4.1

Plot File by: ANHL
PATH: J:\projects\60222570\Drawing\REPORT\TR19C\TR19C_401.dgn