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#### **Existing Facilities**

- 1. Inlet pumping station
- 2. Screen house
- 3. Detritors
- Primary sedimentation tank
- Aeration tank
- Final clarifier (or final sedimentation tank)
- SAS thickening house 7.
- Return activated sludge pumping station
- Sludge digestion tank 9.
- 10. Sludge consolidation tank
- 11. Mixed liquor channel
- 12. Foam removal chamber
- 13. Bio-gas holding tank
- 14. Maintenance Building
- 15. Administration Building
- 16. Primary sludge gravity thickener
- 17. Chemical house
- 18. Effluent pumping station
- 19. Primary sedimentation tank distribution chamber
- 20. Sludge dewatering house
- 21. Blower house
- 22. Sludge pumping station
- 23. Central building complex
- 24. Extension of sludge dewatering house
- 25. Filtrate treatment complex
- 26. Filtrate treatment units
- 27. Fire services shelter
- 28. Water tank
- 29. UV disinfection facilities
- 30. Transformer house
- 31. Combined heat and power generation system
- 32. Chemical store
- 33. Ferric Chloride dosing system
- 34. Water treatment system
- 35. Biogas holding tank valve chamber
- 36. Flow splitter box
- 37. Flower bed
- 38. Switch room
- 39. Old Administration Building
- 40. Electrical Workshop
- 41. Storage facilities
- 42. Waste bio-gas burner
- 43. Disused staff quarters /non-residential staff building
- 44. Gas transfer station
- 45. Washout chamber
- 46. Effluent Sampling Shelter
- 47. Decanting chamber
- 48. Storage shelter
- 49. Dangerous Goods Store
- 50. Waste storage area
- 51. Car Park 52. Lubricant Oil Store
- 53. Control and Storage House
- 54. Service Tower Building
- 55. Workshop
- 56. Transformer

50 26 M-IMBERUR 21 25 33 9≖ 10. 16 16 10 16 31 В Α Lot No. GLA-TPP 776 – Existing DSD's and Contractor's Site office

49

14 mm/m

39 mmm.

5 10 10 第一二期 数额中心大服**5** Stage I/S central Building 行机大器 JE Niviteh ---51 15 talling 40 1020 13 Tent 9 5 4 Filter Bas 11 4 FRet Bed 5 6 strict 5 42 12 44 38 原水石性 8 大埔污水處理廠 Treatment Works SEWAGE TREATMENT WORKS 6 Filter 6 Bill Bed 52 6 6 5 Filter Bed 6 Filter 6 Fitter 1 31 47 6 mon 6 Pitter Bed 6 Filter Bed 6 16 32 29 28 30 38:638 Filter Bed 7 6 6 Albert Bed 6 MR Bed 6 DUCKTON 46 28 27 18 45 13 34 41 48 48 20 RESENS 17 24 16 31 Legend: Test Test **Existing TPSTW Proposed Expansion Site** Ε **Proposed Upgrading Works within TPSTW** D \*Note: The area shaded in yellow is a

35

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37

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- C. Lot No. STT 1449 Existing Canny Star Environmental Protection Ltd.
- Existing Vacant Land (Previously Lot No. GLA-TPP 786 CEDD's Site Office)
- A. Lot No. STT 1450 Existing C & H Import and Export Company
- Lot No. STT 1745 Existing Lau Choi Kee Papers Company Ltd.

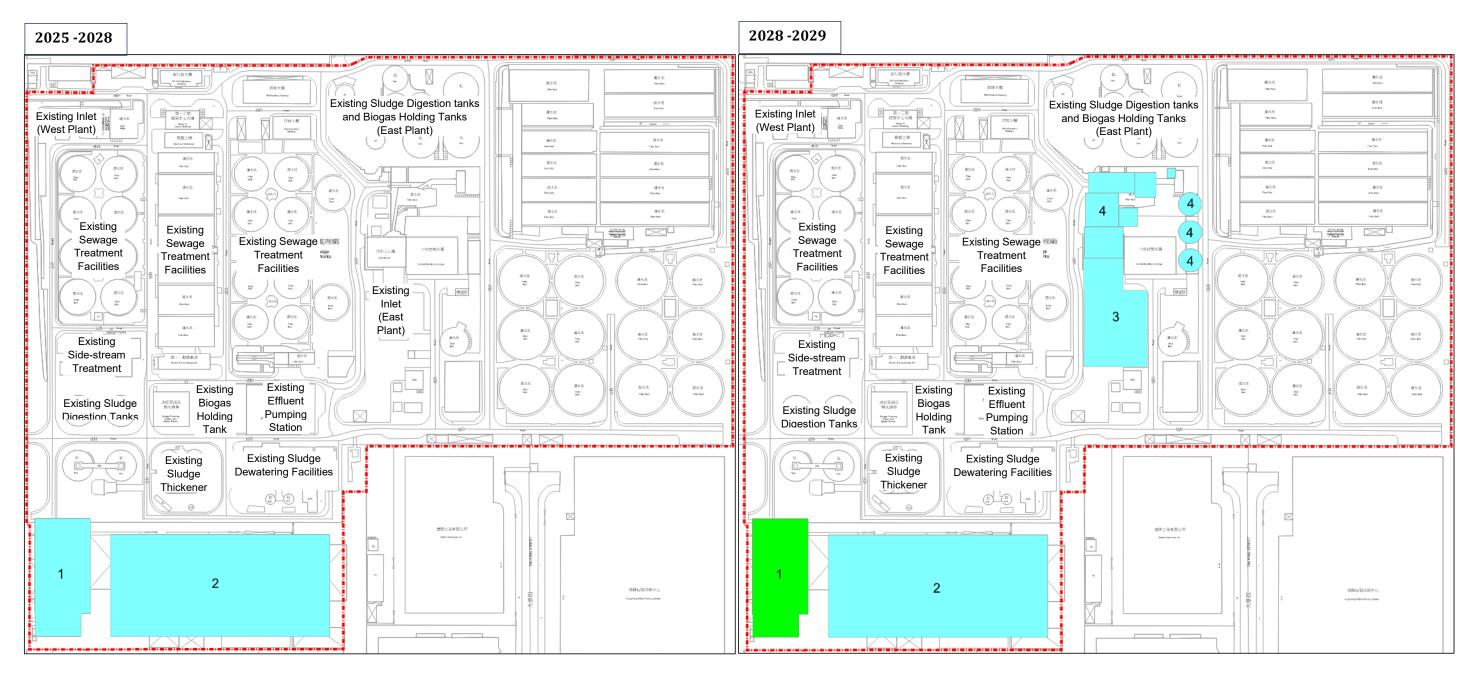
decommissioned staff quarters currently used as a resting place for TPSTW workers. Population is included in the TPSTW area, not assigned separately.

Upgrading of Tai Po Sewage Treatment Works

Environmental Impact Assessment Report

#### **Tentative Project Construction Plan**

\*Typical / indicative Project layout is presented below for illustrating the tentative construction sequence.



#### **Legend**

Project Site Boundary

Proposed Facilities (under Construction)

Proposed Facilities (Commissioned)

#### **Key Proposed Facilities**

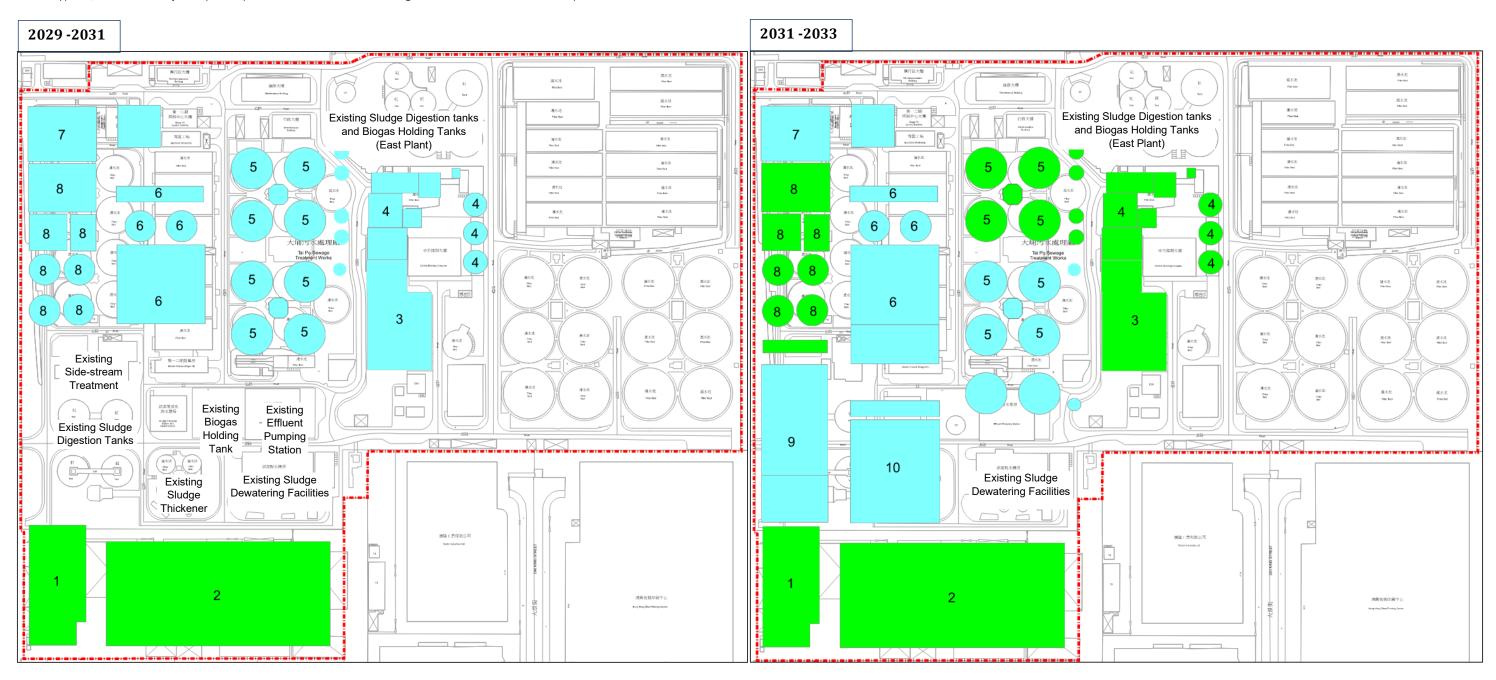
- 1. Combined Inlet
- 2. Sewage Treatment Facilities
- 3. Tai Po Effluent Pumping Station Expansion
- 4. Sludge Thickening Facilities

Upgrading of Tai Po Sewage Treatment Works

Environmental Impact Assessment Report

#### **Tentative Project Construction Plan**

\*Typical / indicative Project layout is presented below for illustrating the tentative construction sequence.



#### Legend

Project Site Boundary

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### **Key Proposed Facilities**

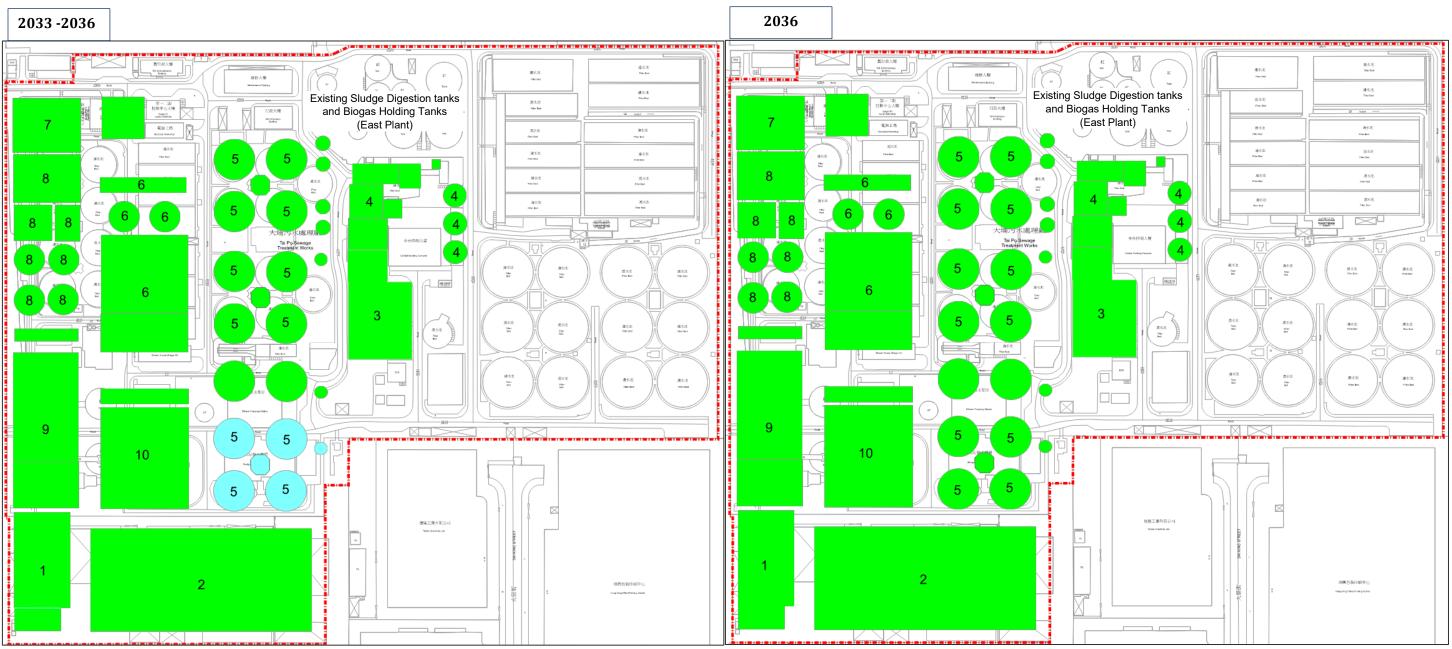
- 1. Combined Inlet
- 2. Sewage Treatment Facilities
- 3. Tai Po Effluent Pumping Station Expansion
- 4. Sludge Thickening Facilities
- 5. Digester Battery
- 6. Import Sludge Receiving Facilities
- 7. Administration / Maintenance Building
- 8. Biogas Recovery and Gas Storage

10. Side-stream Treatment Facilities

9. Sludge Dewatering Facilities

#### **Tentative Construction Plan**

\*Typical / indicative Project layout is presented below for illustrating the tentative construction sequence.



**Environmental Impact Assessment Report** 

# **Legend**

Project Site Boundary

Proposed Facilities (under Construction)

Proposed Facilities (Commissioned)

## **Key Proposed Facilities**

- 1. Combined Inlet
- 2. Sewage Treatment Facilities
- 3. Tai Po Effluent Pumping Station Expansion
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