



# DAILY INFORMATION BULLETIN

SUNDAY, JANUARY 30, 1977

PERMANENT SEWAGE TREATMENT PLANT AT SHA TIN  
 WORK TO BEGIN LATER THIS YEAR  
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THE PUBLIC WORKS DEPARTMENT WILL BEGIN WORK LATER THIS YEAR ON THE FIRST STAGE OF THE NEW \$175 MILLION PERMANENT SEWAGE TREATMENT PLANT AT SHA TIN.

THE PLANT, THE BIGGEST OF ITS TYPE EVER UNDERTAKEN IN HONG KONG, IS A MAJOR PART OF A COMPREHENSIVE SEWERAGE SYSTEM DESIGNED TO PROTECT SHA TIN NEW TOWN FROM ENVIRONMENTAL POLLUTION.

WHEN FULLY DEVELOPED, IT WILL SERVE THE NEW TOWN'S ENTIRE POPULATION OF SOME 500,000.

TENDERS HAVE ALREADY BEEN RECEIVED FOR MOST OF THE 17 ELECTRICAL AND MECHANICAL CONTRACTS, AND SOME ARE EXPECTED TO BE SIGNED NEXT MONTH.

IT IS ENVISAGED THAT TENDERS FOR THE HUGE CIVIL ENGINEERING WORKS CONTRACTS WILL BE INVITED BY THE END OF FEBRUARY.

MR. WONG KWOK-CHOY, CHIEF P.W.D. ENGINEER OF THE CIVIL ENGINEERING OFFICE'S CONSULTANTS MANAGEMENT DIVISION, SAID TODAY THE PLANT HAD ATTRACTED INTERNATIONAL INTEREST WITH BIDS HAVING BEEN RECEIVED FROM SOME OF THE BEST KNOWN FIRMS IN THE U.K., JAPAN, SCANDINAVIA, WEST GERMANY AND AUSTRALIA.

SOME OF HONG KONG'S TOP ESTABLISHED FIRMS HAD ALSO PUT IN BIDS, HE SAID, AND THESE WERE NOW BEING CONSIDERED TOGETHER WITH THE OTHERS.

+NATURALLY, WE ARE VERY PLEASED WITH THE RESPONSE SO FAR AND WE HOPE TO BEGIN ACTUAL DEVELOPMENT OF THE TREATMENT WORKS BY SEPTEMBER OR OCTOBER THIS YEAR,+ HE SAID.

/+ THE SEWAGE .....

THE SEWAGE PLANT WILL BE BUILT JUST NORTH OF THE NEW RACECOURSE AT SHA TIN NEW TOWN ON 17 HECTARES OF RECLAIMED LAND.

THE STAGE ONE CONSTRUCTION WHICH IS BEING PARTLY FINANCED BY A \$95 MILLION LOAN FROM THE ASIAN DEVELOPMENT BANK, WILL INVOLVE SETTLING AND AERATION TANKS AND AN ADMINISTRATION BUILDING.

MR. WONG SAID THE PLANT'S CONSTRUCTION TIMETABLE HAD BEEN GEARED TO KEEP PACE WITH THE VARIOUS STAGES OF THE NEW TOWN'S DEVELOPMENT, AND IN FACT IT WOULD BE RACING AHEAD OF INITIAL POPULATION INCREASE.

+BY THE TIME IT'S COMMISSIONED IN 1980 THE POPULATION OF SHA TIN NEW TOWN SHOULD BE STANDING AT AROUND 150,000 WHILE THE SEWAGE WORKS WILL BE CAPABLE OF SERVING SOME 230,000 PEOPLE.+

HE SAID THE P.W.D. ENGINEERS WOULD PROCEED WITH THE SECOND STAGE EXPANSION AS THE POPULATION BEGAN MOVING TOWARD ITS OPTIMUM OF HALF A MILLION PEOPLE.

A FEATURE OF THE NEW PLANT WILL BE ITS ABILITY TO PARTLY SELF-PERPETUATE ITS OWN OPERATING POWER. METHANE GAS, A BY-PRODUCT OF SEWAGE TREATMENT, WILL BE FED BACK INTO THE SYSTEM TO HELP DRIVE THE PLANT'S ELECTRICAL GENERATORS.

THE SEWAGE TREATMENT FACILITY WILL LINK UP WITH A COMPREHENSIVE SEWAGE COLLECTION SYSTEM COVERING THE ENTIRE NEW TOWN DEVELOPMENT, AND IS DESIGNED TO ENSURE THAT NO SEWAGE IN AN UNTREATED FORM WILL BE DISCHARGED INTO TOLO HARBOUR, LONG RECOGNISED AS ONE OF HONG KONG'S MOST ATTRACTIVE WATERWAYS.

MR. WONG SAID THE COLLECTION SYSTEM WAS BEING BUILT TO COPE WITH THE WHOLE OF SHA TIN NEW TOWN EVEN THOUGH THIS CAPACITY WOULD NOT BE FULLY UTILISED UNTIL THE NEW TOWN WAS COMPLETED.

THE TREATMENT WORKS WOULD BE ABLE TO TREAT MORE THAN 102,000 CUBIC METRES OF RAW SEWAGE PER DAY, HE SAID.

+THE MAXIMUM SEWAGE FLOW TO THE PLANT FOR FULL TREATMENT WILL BE 3.6 CUBIC METRES PER SECOND -- A TREMENDOUS INCREASE IN TREATMENT CAPACITY OVER OUR EXISTING PLANTS.+

AT PRESENT, SEWAGE AT SHA TIN IS BEING TREATED BY A TEMPORARY PLANT AT FO TAN WHICH HAS A TREATMENT CAPACITY FOR ONLY ABOUT 30,000 PEOPLE.

AN INTERIM TREATMENT PLANT IS BEING BUILT NEXT TO IT BY THE CIVIL ENGINEERING OFFICE OF THE PUBLIC WORKS DEPARTMENT. THIS WILL TRIPLE THE SEWAGE TREATMENT FACILITIES AT SHA TIN NEW TOWN AND ENSURE THAT TOLO HARBOUR IS NOT POLLUTED BEFORE THE LARGE PERMANENT SEWAGE TREATMENT WORKS COMES ON STREAM.

/+ THE INTERIM .....

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THE INTERIM PLANT IS DUE TO COME INTO OPERATION IN MAY, BUT IT WILL HAVE A RELATIVELY SHORT LIFE SPAN AS IT WILL BE PHASED OUT, TOGETHER WITH THE EXISTING TEMPORARY PLANT, WHEN THE PERMANENT TREATMENT WORKS IS COMPLETED.

+WHEN THEY HAVE OUTLIVED THEIR USE AT SHA TIN, THE EQUIPMENT IN THESE TWO TEMPORARY PLANTS WILL BE REMOVED AND PROBABLY PUT TO OTHER USE ELSEWHERE,+ SAID MR. WONG.

HE EXPLAINED THAT THE TREATMENT SYSTEM OF THE PERMANENT PLANT WOULD INVOLVE A SERIES OF COMPLEX PROCESSES WHICH COULD ROUGHLY BE DIVIDED INTO THREE STAGES.

+THE FIRST STAGE INVOLVES A PROCESS KNOWN AS SEDIMENTATION WHEREBY THE SCREENED SEWAGE IS PASSED THROUGH TANKS WHERE ALL THE GROSS SOLIDS ARE REMOVED, THUS REDUCING THE AMOUNT OF POLLUTANTS BY ROUGHLY 60 PER CENT.

+THE SECOND STAGE INVOLVES FURTHER REDUCING THE POLLUTANTS BY INTRODUCING AIR INTO THE SEWAGE THUS ENCOURAGING BIOLOGICAL PURIFICATION PROCESSES.

+THE REMANING EFFLUENT IS THEN PASSED TO FINAL SETTLING TANKS WHERE THE REMAINING SOLIDS SETTLE OUT BEFORE THE CLEAR EFFLUENT IS DISCAHRGED INTO THE SEA.+

THE SLUDGE THAT REMAINS BEHIND, HE SAID, WOULD BE DIGESTED, DEWATERED AND COMPOSTED WITH GARBAGE FOR USE AS LANDFILL IN P.W.D. CONTROLLED TIPPING OPERATIONS.

THE SHA TIN NEW TOWN PERMANENT SEWAGE TREATMENT WORKS HAS BEEN DESIGNED BY WATSON (H.K.) CHARTERED CIVIL ENGINEERS, CONSULTING ENGINEERS TO THE GOVERNMENT, UNDER THE OVERALL SUPERVISION OF THE CONSULTANTS MANAGEMENT DIVISION OF THE P.W.D.'S CIVIL ENGINEERING OFFICE.

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#### TRAFFIC ARRANGEMENT ON HONG KONG ISLAND

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THE SECTION OF CONSORT RISE BETWEEN 20 BISNEY ROAD AND 21 CONSORT RISE WILL BE RE-ROUTED ONE-WAY EASTBOUND FROM 10 A.M. TOMORROW (MONDAY).

APPROPRIATE SIGNS WILL BE PUT UP TO GUIDE MOTORISTS.

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LONDON CHAMBER OF COMMERCE EXAMS  
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THE NEXT LONDON CHAMBER OF COMMERCE EXAMINATION TO BE HELD IN HONG KONG WILL TAKE PLACE BETWEEN JUNE 22 AND JUNE 30.

THE SUBJECTS INVOLVED ARE COSTING, ACCOUNTING AND BOOK-KEEPING AT VARIOUS LEVELS, AND THE ENTRY FEES RANGE FROM \$28 TO \$36.

CANDIDATES PREPARING FOR THE EXAMINATIONS BY ATTENDING COURSES IN SCHOOLS SHOULD REGISTER THROUGH THEIR SCHOOLS WHILE CANDIDATES NOT REPRESENTED BY SCHOOLS MAY APPLY AS PRIVATE CANDIDATES.

ENTRY FORMS CAN BE OBTAINED AT THE EDUCATION DEPARTMENT'S EXAMINATIONS DIVISION ON THE 10TH FLOOR, CANTON ROAD GOVERNMENT OFFICES, KOWLOON, DURING THE REGISTRATION PERIOD FROM FEBRUARY 7 TO 11.

COMPLETED ENTRY FORMS FOR PRIVATE CANDIDATES, TOGETHER WITH PROOF OF IDENTITY (HONG KONG IDENTITY CARD OR PASSPORT) AND TWO RECENT PHOTOGRAPHS OF THE APPLICANT (SIZE 2-1/2'' X 2'') MUST BE SUBMITTED IN PERSON, AT THE ABOVE ADDRESS, BETWEEN 9 A.M. AND 4 P.M. FROM FEBRUARY 7 TO 11.

CANDIDATES ARE ADVISED THAT NO LATE ENTRIES CAN BE ACCEPTED. ENTRY FEES MAY BE PAID (IN CASH OR BY CHEQUE) TO THE EXAMINATIONS DIVISION, EDUCATION DEPARTMENT, CANTON ROAD GOVERNMENT OFFICES NOT LATER THAN FEBRUARY 14, 1977.

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REGISTRATION TEAM TO OPERATE AT MUI WO  
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A TEAM FROM THE REGISTRATION OF PERSONS DEPARTMENT WILL CONDUCT REGISTRATIONS AT MUI WO RURAL COMMITTEE FOR RESIDENTS AND PERSONS LIVING NEARBY FOR THREE DAYS FROM FEBRUARY 7.

THE VISIT IS TO ENABLE PARENTS AND GUARDIANS TO REGISTER THEIR CHILDREN OR WARDS OF 11 YEARS OF AGE FOR JUVENILE IDENTITY CARDS AND HOLDERS OF JUVENILE IDENTITY CARDS TO REGISTER FOR ADULT IDENTITY CARDS ON REACHING 18 YEARS OF AGE.

REGISTRATIONS WILL BE CONDUCTED BETWEEN 10 A.M. AND 4 P.M. DAILY.

ALL PERSONS LIVING IN THIS AREA ARE REMINDED OF THEIR RESPONSIBILITY TO REGISTER THEMSELVES AND THEIR CHILDREN FOR IDENTITY CARDS. THEY SHOULD REPORT CHANGES OF EMPLOYMENT OR RESIDENTIAL ADDRESSES, MARITAL STATUS, OR ANY OTHER PARTICULARS WHICH HAVE CHANGED SINCE REGISTERING FOR THEIR IDENTITY CARDS.

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