

CONSTRAINT FACTORS FOR THE RADIOACTIVE WASTE STORAGE FACILITY - TERRITORY

REGION	SERIAL NO.	NAME OF ISLAND	1	2	3	4	5	6	7
SWNT	1	MA WAN	*	-	-	-	-	*	460
	2	TANG LUNG CHAU	-	-	-	-	-	*	0
	3	TAI LEI	-	-	-	-	-	*	0
	4	PENG CHAU	-	-	-	-	-	*	3200
	5	KAU YI CHAU	*	-	-	-	-	*	0
	6	SIU KAU YI CHAU	*	-	-	-	-	*	0
	7	NGAN CHAU (ROUND ISLAND)	-	*	-	-	-	*	0
	8	CHAU KUNG TO	-	*	-	*	-	*	10
	9	HEI LING CHAU	-	-	-	*	-	*	1190
	10	LUK CHAU	-	-	-	-	-	*	0
	11	SHAM WAN, LAMMA ISLAND	-	*	*	*	-	-	2960
	12	WAGLAN ISLAND	-	-	*	-	-	-	0
	13	SUNG KONG	-	*	*	-	-	-	0
	14	LO CHAU	-	*	*	*	-	-	0
	15	LO CHAU PAK PAI	-	*	*	-	-	-	0
	16	PO TOI	-	*	*	*	-	-	30
	17	MAT CHAU	-	*	-	-	-	-	0
	18	SHEK KWU CHAU	-	-	-	-	-	*	210
	19	CHA KWO CHAU	-	*	-	-	-	-	0
	20	KAI YET KOK	-	-	-	-	-	-	0
	21	CHEUNG MUK TAU	-	*	-	-	-	-	0
	22	KO PAI	-	*	-	-	-	-	0
	23	SIU A CHAU	-	*	-	-	-	-	0
	24	SUM WAN, SIU A CHAU	-	*	-	-	-	-	0
	25	TAI A CHAU	-	*	-	-	-	-	0
	26	SHEK CHAU	-	*	-	-	-	-	0
	27	YUEN CHAU	-	*	-	-	-	-	0
	28	WAN HAU CHAU	-	*	-	-	-	-	0
	29	MA CHAU	-	*	-	-	-	-	0
	30	TAU LO CHAU	-	*	-	-	-	-	0
	31	TAI HO AREA 6, NORTH LANTAU	-	-	-	-	-	-	0
	32	CHEUNG CHAU	-	*	-	-	-	*	21650
	33	LANTAU ISLAND	*	*	*	*	-	-	17630

CONSTRAINT FACTORS

1. BROAD LONG TERM PATTERN OF PORT DEVELOPMENT
2. LAND AND MARINE CONSERVATION AREAS
3. POTENTIAL COUNTRY PARKS & SPECIAL AREAS
4. ECOLOGICALLY SENSITIVE SITES
5. LOCATION OF COMPLETED, OPERATIONAL AND FUTURE LAND FILL
6. SHIPPING CHANNEL / IMPROVEMENT
7. POPULATION - FIGURE OBTAINED FROM 1991 CENSUS SURVEY OR ESTIMATED BY MEANS OF NUMBER OF STRUCTURE x PPF OF 3

KEY:

- * AFFECTED BY CONSTRAINT FACTORS
- NOT AFFECTED BY CONSTRAINT FACTORS

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REGION	SERIAL NO.	NAME OF ISLAND	1	2	3	4	5	6	7
SENT	34	FAT TONG CHAU	*	*	-	-	*	*	0
	35	TIT CHAM CHAU	*	*	-	-	*	*	0
	36	TUNG LUNG CHAU	-	*	*	-	-	-	10
	37	CHING CHAU	-	*	-	-	-	-	0
	38	TAI CHAU MEI	-	*	-	-	-	-	0
	39	NAM KWO CHAU	-	*	-	-	-	-	0
	40	PAK KWO CHAU	-	*	-	-	-	-	0
	41	PING MIN CHAU	-	*	-	-	-	-	0
	42	TAI LAK LEI	-	*	-	-	-	-	0
	43	NGAU MEI CHAU	-	*	-	-	-	-	0
	44	TIU CHUNG CHAU	-	*	-	-	-	-	0
	45	SEE CHAU	-	*	-	-	-	-	0
	46	KAU SAI CHAU	-	*	-	-	-	-	12
	47	TAI TAU CHAU	-	*	-	-	-	-	0
	48	KAI CHAU	-	*	-	-	-	-	0
	49	FU TAU FAN CHAU	-	*	-	-	-	-	0
	50	WANG CHAU	-	*	-	-	-	-	0
	51	WONG NAI CHAU	-	*	-	-	-	-	0
	52	FAN TSANG CHAU	-	*	-	-	-	-	0
	53	WONG MAU CHAU	-	*	-	-	-	-	0
	54	TAI CHAU	-	*	-	*	-	-	0
	55	TSIM CHAU	-	*	-	*	-	-	0
	56	BLUFF ISLAND	-	*	-	-	-	-	0
	57	FO SHEK CHAU	-	*	-	-	-	-	0
	58	YEUNG CHAU	-	*	-	-	-	-	3
	59	CHAM TAU CHAU	-	*	*	-	-	-	0
	60	PAK SHA CHAU	-	*	-	-	-	-	0
	61	KIU TSUI CHAU	-	*	*	-	-	-	5
	62	KIU TAU	-	*	*	-	-	-	0
	63	TUEN TAU CHAU	-	*	*	-	-	-	0
	64	HAM LUN KOK	-	*	*	-	-	-	0
	65	KVUN CHAM WAN	-	*	-	-	-	-	0
	66	YIM TIN TSAI	-	*	-	-	-	-	30
	67	WONG YI CHAU	-	*	-	-	-	-	8
	68	PIN CHAU	-	*	-	-	-	-	0
	69	TUNG SAM CHAU	-	*	-	-	-	-	0
	70	TUEN CHAU TSAI	-	*	-	-	-	-	0

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REGION	SERIAL NO.	NAME OF ISLAND	1	2	3	4	5	6	7
NENT	71	SAI AP CHAU	-	*	*	-	-	-	0
	72	AP CHAU	-	*	-	-	-	-	28
	73	CHEUNG SHEK TSUI	-	*	-	-	-	-	0
	74	TAI NIM CHAU	-	*	-	-	-	-	0
	75	FUN CHAU	-	*	-	-	-	-	0
	76	TUI MIN CHAU	-	*	*	*	-	-	0
	77	KAT O CHAU	-	*	*	*	-	-	230
	78	PAK SHA CHAU	-	*	-	-	-	-	0
	79	NGO MEI CHAU	-	*	*	*	-	-	0
	80	FU WONG CHAU	-	*	-	-	-	-	0
	81	WONG WAN CHAU	-	*	*	*	-	-	5
	82	CHEK CHAU	-	*	*	*	-	-	0
	83	PING CHAU	-	*	*	*	-	-	0
	84	KUNG CHAU	-	*	-	*	-	-	0
	85	TAP MUN CHAU	-	*	-	*	-	-	163
	86	NGAN CHAU (FLAT ISLAND)	-	*	-	*	-	-	0
	87	SHEK NGAU CHAU	-	*	-	*	-	-	0
	88	WU CHAU	-	*	-	-	-	-	0
	89	PAK SHA TAU CHAU	-	*	*	-	-	-	0
	90	MA SHI CHAU	-	*	*	*	-	-	0
91	YEUNG CHAU	-	*	*	*	-	-	0	
92	A CHAU	-	*	-	-	-	-	0	
NWNT	93	LUNG KWU CHAU	-	-	-	-	-	*	0
	94	PAK CHAU	-	-	-	-	-	*	0
	95	SHA CHAU	-	-	-	-	-	*	0
	96	TAI MO TO CHAU	-	-	-	-	-	*	0
	97	SIU MO TO CHAU	-	-	-	-	-	*	0
	98	TSZ KAN CHAU	-	-	-	-	-	*	0

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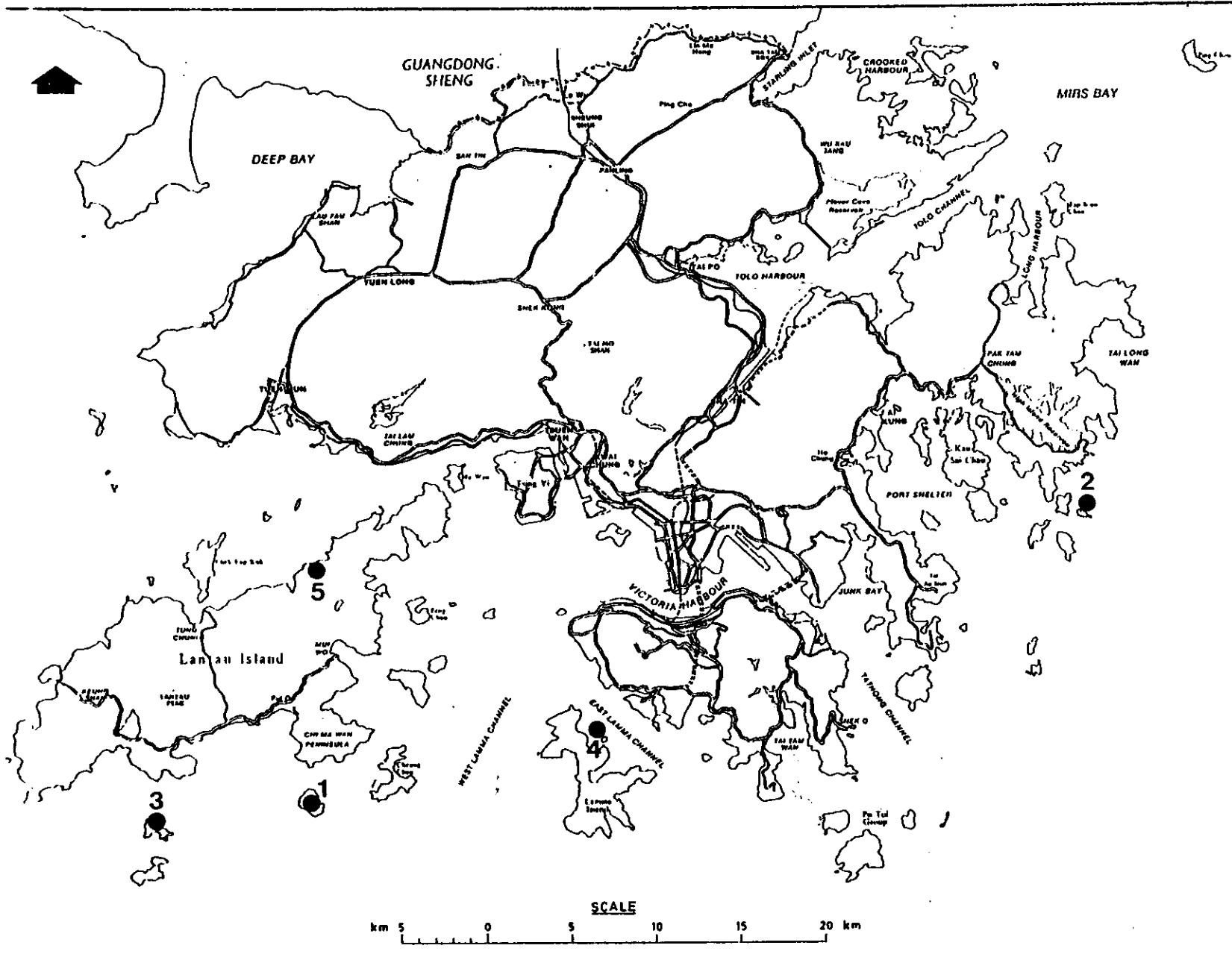
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TABLE 2

COMPARATIVE SITE EVALUATION
FOR
LOW LEVEL RADIOACTIVE WASTE STORAGE FACILITY

SITE SELECTION CRITERIA		SHEK KWU CHAU	LUK CHAU	WANG CHAU	SIU A CHAU	Tai Ho Area 6, North Lantau
Area of at least 0.5 hectares preferably with open space or hillslopes surrounding the site		✓	✓	✓	✓	✓
Geologically stable, free of any active faults and not subject to subsidence		✓	✓	✓	✓	✓
Not prone to uncontrolled/natural flooding		✓	✓	✓	✓	✓
Distant from any other buildings which may present a hazard of fire, explosion or impact		✓	✓	✓	✓	✓
Distant from residential areas and public buildings such as hospitals, schools, etc.		X	✓	✓	✓	✓
Capable of being connected to potable water, sewerage and secured electrical supply services		✓	X	X	X	X
Outside water gathering grounds		✓	✓	✓	✓	✓
Remote from water treatment works, service reservoirs and waterworks installations		X	✓	✓	✓	✓
Not adjacent to main roads or railways and not on major airport approach paths		✓	✓	✓	✓	✓
Capable of High degree of security		✓	✓	✓	✓	✓
Accessibility	Road	✓	X	X	X	✓
	Pier	✓	X	X	X	✓
Sheltered from high winds		X	✓	X	✓	✓
Remarks		<ul style="list-style-type: none"> • Some site formation is required. • The whole island has been granted to the Society for the Aid and Rehabilitation of Drug Abuser. • Negotiation with SARDA to release the proposed site is required. 	<ul style="list-style-type: none"> • Steep terrain. • Close to existing graves. • Site formation is required. 	<ul style="list-style-type: none"> • Site formation is required. 	<ul style="list-style-type: none"> • Site formation is required. 	<ul style="list-style-type: none"> • Site formation/reclamation will be completed in 1994. • The site will be used for site office work area, site laboratory and storage areas for utility companies. • Negotiation with Highways Dept is required to release 0.5 hectares available.



NOTATION

- POSSIBLE SITES
- 1. SHEK KWU CHAU
- 2. WANG CHAU
- 3. SIU A CHAU
- 4. LUK CHAU
- 5. TAI HO AREA 6, NORTH LANTAU

SOURCES :

**LOCATION OF POSSIBLE SITES
FOR LOW LEVEL RADIOACTIVE WASTE STORAGE FACILITY**

PLANNING DEPARTMENT		
PLAN REF. SRHK - OT 93/66	FIG. No.	
FILE REF. —		
DATE : DEC, 1993		