

. مرجع م CONTENTS. 1. 2nd Report of the Royal Sanitary Commission. Vol. I -Report. 1871. (C.281.) (Chairman: Charles Bowey Adderley.) do. Vol. II - Arrangement of SamtaryStatues, Analysis of Evidence; Precis of Oral Evidence, Paper Watershed Boards, and Memorandum on Duties of Medical Officers of Public Health. 1871. (C.281-I.) 2. do. Vol. III - Part I - Minutes of Evidence from November 1869 to June 1870. 1871. (C.281-II.) 3. 1:55.3.M7t A871.1-A871.3 1

SECOND REPORT

OF THE

ROYAL SANITARY COMMISSION.

VOL. I.

THE REPORT.

Presented to both Mouses of Parliament by Command of Mer Matesty.



LONDON: PRINTED BY GEORGE EDWARD EYRE AND WILLIAM SPOTTISWOODE, PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY. FOR HER MAJESTY'S STATIONERY OFFICE.

1871.

• .

[C. 281.] Price 2s.

COMMISSION	• 	-7 -7 -7	- K	•	•		-	-	Page 1
REPORT -	-#	-	-	-	-		۹ _	-	3
i. HISTORY OF	7 SANITA	RY LAV	¥s -	-	-	-	-	-	4
ii. Observatio	NS4	-	-	-	-	-	-	-	15
iii. Suggestion		ew Sta	TUTE	-		-	-	-	73
iv. Resolution	(S -	-	-	-	*-	-	-	-	174
DISSENT AS TO	PART 1	BY LO	RD RO	BERT	MONTA	₩GŪ	-		177
		tra "							

L:55:3.M7t A871.1-A871.3 16572

R E P.O R T.

TABLE OF CONTENTS.

....

		· . · ·	4		,			¥.			,	P	l G Z
INTRO	DUCTIO	N		-	r	-					_	-	3
	1								_		-	-	,o
T_His	tory of t	he Se	anita	rv T.g	1.1170 1	in to	tha	Drogo	nt Ti	mo			
~~~~~~~~,~~~~~~,~~~~~,~~~~,~~~~,~~~~,~~~,~~~~				- 3		TDF 00	ЩО.	LICSC	TTO		-	-	4
	1st Cholera,		-	-	<b>~.</b>		-	-	-	•.	-	~	4
,	Reports, 183			·	-	-	-	-	<b>-</b> ,	-	-	-	5
	Duke of Bac	cleuch's				<del>-</del> `	-	-	• ,	•	-	~	5
		-		port, 18	45 🖌	-	-	<b>.</b>	-	-	-	-	6
	First Nuisan			t, 1846	-	-	٧ 2	1	-	-	-	-	7
	Public Healt			-	-	-	-	-	-	-	-	~	7
	General Boa		ealth	-	-	-	-	£-	-	-	-	~	7
	2nd Cholera,	, 1849	-	-	-	- '	-	<b>`-</b>	-	-	-	-	8
	3rd Cholera,	1854	-	-	-	-	-	-	- +	-	-	-	8
	Consolidated	Nuisan	ce Rem	oval Act	, 1855	-	-	-	-	-	-	-	8
	Reconstructi	on of th	e Board	of Heal	th	-	-	2	-	-	-	-	9
	Board of He	alth exp	ires 185	58	-	-	-	-	-	- 7	~	-	9
	Local Gover	nment A	Act .	-	-	-	-	-	-	• '	-	~	9
	,,	37		endment	Acts	-	-	-	-	-	-	-	10
	Nuisance Re					-	-	-	_	-	-	-	10
	Sewage Util			-		-	-	-	-	-	-	-	10
. 1	Sanitary Ac	ts	_	-	-	-	-		-	•	-	_	11
250	Summary	-	_	_	_	د	_	_	_		-		,11
	Statistics	-	-	-	-	-	•	-	-	-	1	~	
		-	-	-	-	-	-	-	-	-	-	~	11
SUBS	IDIARY AND	) Speci	AL ACI	rs	-	-	~	- 4	: -	- ,4	-	-	,11
-	<b>Burial Acts</b>	<u>*</u>	-	-	<b>-</b> .	<b>.</b> .	-	-	-	-	-	-	12
	Factory Act		_	-		-	-		-	-	-	-	12
	Baths and W		eta A eta	_	_ <u>`</u> .•	-	-	-		-	-	-	13
	Lodging Ho			-	_	-	_	-	-	_	_	_	13
	Vaccination		a	- ,	-		-	_	•			-	13
	Contagious ]		-	-	-	-	-	-	-	-	-	-	13
	Adulteration			<b>.</b>	-	-	-	-	•	-	-	-	13
			I ACL	-	-	-	-	-	•	-	•	~	13
	Pharmacy A		-	-	*	-	-	-	-,	-	-	-	
	Alkali Work				-	-	-	*	-	-	-	-	13
	Smoke Acts		-	-	-		=	-	7	• •	-	-	14
	Quarantine I		-	-	-	- Y	-	-	-	7	-	~	14
	Registration	Act	-	-	-	-	-	-	-	- 🖈		*	14
TT Oh													²
1100	servatio	ns	-	-	-	-	-	<b>.</b>	-	•	•	**	.15
	Subject defin	ed	-	-	-	-	-	-	1 B	-	-	~	15
	Imperfection		nt state	of thing	(8	-	-	-	· • •	-	-	-	15
	Importance o				· _	-	-	-		-	-	~	15
	Belongs to a			-	-	-	-	<i>,</i>	-	4	-	~	16
	Local Self-go			tial to E	ngland	-	-	-	-	-	-	-	16
	Other Nation					-	ر م	-	-	-	-	-	<b>`16</b>
-		France			-	-	-	-	-	-	•		16
		New E	ngland		_	_	-	_	<u>_</u> '	-	-	-	18
-	Scheme of La			t in Eng	land	_	_	_		-	•	-	19
~	Subjects of I					-	-	- -	•	<b>_</b>	-		20
· _	•					-	-	-		- 2 A			
Ca	USES OF PR	esent J	MPERF	ECTION	in Sa	NITAR	r Adm	INISTRA	TION	•	-	-	20
	Confusion of	Laws '	2	-	-	-	-	-		, <b>•</b>	æ	-	20
-	Confusion of			<b>.</b> •		-	- ,	-		•	•	•	21
	Tentative Le			-'	-	-	-	_	-	• •	-	•	21
•	Variety of A			1	-	, .	- '	• •	-	-	<b>.</b>		21
	Law also inc		4	-	-		•	~	•	۹,	-	-	22
26034		<b>N</b>				-					a 2		

	,				•				Þ	AGE
Improvements consi	DERED -	-	-		-		-	-	-	AGE 22
LOCAL AUTHORITIES	-	-	-	-	_	-	-	-	-	22
Constitution of		-	-	-	-	-	-	-	-	22
Urban Authorit		-		-	-	_	_		-	23
Rural Authoriti		-	.*-	` <b>-</b>		-	-	-	_	24
Election Boards	sometimes sub	stituted	l for gu	ıardians	• -	-	-	-	-	25
Urban Powers s					-	-	-	-	-	25
Districts with n					-	-	-	-	• *	26
Combination of				-	-	-	-	-	-	26
Union of Distric Dissolution of L		oses	•	-	-	-	-		-	27
Extension of Un		-	-	-	-	-	-	-	-	27
As to Authoriti		Acts	-	-	-	_	-	-	-	27
Elections, &c. of			-	-	-	•	-		-	28 29
Central Authori	ty .	-	-	-	-	-	-	-	-	30
Why now ineffic	cient -	_v-	· -	-		-	4	-	-	30
Should be in on		-	-,	-	-	-	- '	· -	-	31
One minister ov			Law,		-	-	-	-	-	31
These two distin			-		-	-	-	-	-	32
The Central Sar	nitary Office m	ist be er	larged	-	-	-	-	-	-	32
OFFICERS, LOCAL AN	D CENTRAL	-	-	-	-	-	-	-	-	32
Inspection Amalgam		-	-	-	_	-	-			
Local Inspection like		Б	-	-	-	-	-	-	-	32 33
Central Medical Staff			-	-	-	-	-	-	-	33
Local Medical Staff	-	-	-	•	-	-	-	-	-	34
FUNCTIONS OF CENTR	ATTATA	0337								
•	-		-	-		-	~	-	-	35
The same as now, bu				- •	-	-		-	-	36
Supervision and Cont		Author	ities		A _	-	-	-	-	36
Mode of compelling I		-	-	-	-	-	-	•	-	37
Powers of Local At	THORITIES		-	-	-	-	-	-	-	37
Must be adequate to	the objects in	view	-	-	-	-	-	- **	_	37
Question of separate 1			s -	-	-	-	-	-	-	37
Water Supply	<b></b>	-	-	-	-	-	-	-	-	38
Recommendation	as -	-	-	• -	-	-	-	-	-	39
Incorporation of		ks Clau	ses Ac	ts -	-	-*	-	-	-	40
Local Waterwor	ks Acts -	-	-	-	-	-	-	-	-	40
Security of Rese		-	-		· -	-	-	-	-	41
Quality of Suppl		-	-	-	-	-	-	-	-	41
Facilities for An Constant Service		-	•	•	-	-	-	-	•	42
Soakage from Co		_	-	-	-	· -	-	-	-	42 42
Pollution of Water		-	-	-	-	-	-	-	-	42
Sewerage -		-	-	-	-	-	-	-	_	43
Removal of Refuse	-	-	-	-	-	-	-	-	-	44
Waterclosets, Ea	rth Closets, ån	d Privi	es	-	-	-	-	-	-	44
Scavenging		~	-	-	-	<del>, -</del>	-	-	-	44
"Nuisances" Rep		-	-	-	-	-	-	-	-	44
Smoke -	u 2	-	-	-	-	· •	-	-	-	45
Noxious Trades		-	-	-	-	-	-	-	•	46
Buildings, Streets, an Cottages	d Highways	-	-	,	-	-	-	-	÷ -	47
Lodgings		-	-	-	-	-	-	-	-	47 47
Cellars		-	-	-	_	-	-	-	-	48
Infectious and Contag	gious Disease	-			-	-	-	-	-	48
Vaccination		-	- 1	-	- `	-	- '	-	•	48
Quarantine		-	-	-		-	-	-	-	49
Hospitals -		-	-	-	-	-	-	-	-	49
Reception Houses for	r the Dead	-	-	· · _ · ·	- 、	-,	-	-	-	50
Burial Grounds		-	-	-	-	-	-	•	-	50
Ships -		-	• -	-	-	-	-	-	•	51
Powers of Entry		-	-			. <b>-</b>	-	-	-	51
BYELAWS -		-	-	-	<b>.</b>		+	-	-	51
ON COINCIDENCE OF	Apple on T			N'M'E STOP	-	. –		-		
ON COINCIDENCE OF	AREAS OF LA		UV EK	A MLGAT	¥7 =	· ~	· ·	~	-	53
	•			`						

ü

#### iii

.

INTERMEDIATE AUTHORITY	~		۰ ب	-			Раск - 54
Consolidation of the Law	-		-	× 🛥	٠ <u> </u>	,	- 54
Total Repeal of existing Statutes	•	<i>-</i> -	-	_	-	-	- 55
One Code Suggestions for New Statute	-	- , -	-	, -	-	· -	- 55
APPEALS		-, -	-	· -	-	-	- 55
			-	-	-	-	- 56
REGISTRATION	-		-	-	-	• - `	- 57
Of Death Of Sickness	•_		-	-	-	-	- 57
State medicine -	-		-	-	-	-	- 58 - 61
EXPENSES AND RATES -	-		-	-	-	-	- 61
Rates leviable by Local Boards	-		-	_	-	-	- 62
Private Improvement Charges	-	- • -	-	-	- 🚓	-	- 62
,, ,, Rates General District Rate -	-		-	-	-	-	- 63 - 63
Highway Rate •	-		-	-	-	-	- 64
Water Supply Rate	-			-	-	-	-
Rates leviable by Nuisance Authorit	165		-	-	-	-	- 65 - 65
Rating by combined Districts -	-		-	-	-	-	- 66
Rating under Burial Acts -	-		-	-	-	-	- 66
" of Small Tenements - Acts at variance	-		-	-	-	-	- 66
Incidence of Local Taxation on real	property	, -	-	-	-	-	- 67 - 67
BORROWING POWERS	-		~	-	-	_	- 68
Principles laid down -	-		-	-	_		-' 68
Amount to be borrowed, and time fo	r Repayı	nent -	-	-	-	-	- 68
Provisions for Repayment -	-	- '-	-		-,	-	- 69
Government facilities for borrowing	-		- ا	-	-	-	- 69
Audit	<u>د</u>		-	-	-	-	- 70
OLD CORPORATIONS	-		-	- *	-	-	- 70
CONCLUDING OBSERVATIONS -	-		-		-	-	- 71
III. Suggestions for New Sta	tute.			٠,	<b>د</b> ۲		
Prefatory Remarks							- 73
PART I.*-Preamble and Repeal of Acts -		_	-		-	-	- 74-5
PART IA.—Interpretation Sections -	_	•	-			_	- 76-7
PART II.—Ádoption of Act, and Constitution	- n of Loos	- Health	- Authority		_	_	- 76-7
PART III.—Powers to combine for all or any			-	_	-	-	- 82-3
PART IV.—Mode of conducting Business; C		6	• • &c	_	_	-	- 84-5
PART V.—Supervision and control over Loc				-	-	_	- 86-7
PART VI.†—Matters in relation to which p			•	ities : the	e nature	e of the	-
powers, and the mode of exerci		-		-	- *	' <b>-</b>	- 90-1
Chap. i. Water Supply			-	-	-	-	- 901
Chap. ii. Pollution of Waters -	-	-	-	-	-		- 94-5
Chap. iii. <b>A.</b> (1.) Vesting of Sewers : (2.) Acquisition, Constr		-	-	- Publia Sa	-	-	} 94-5
<b>13.</b> Powers of Disposal and				-	-	-	J - 96-7
C. Use of Sewers by Owner				_	-	- ,	
(a.) Facilities given for U		- wers -	-	-	-	-	} 98-9
(b.) Power to compel Use			-	-	-	-	- 100-1
Chap. iv. Provisions for Privies, Wate		and Earth	h Closets	-	-	-	
Chap. v. Stagnant Ditches, Collection	s of Refu	se, &c.	-	-	•	-	} 1023

* See Arrangement of Sanitary Statuses in Vol. II. † So much of Part VII, of the "Arrangement of Sanitary Statutes" as refers to Nuisance Authorities is here included. a 3

_

PART VI	[.—conti	nued.											PAGE
Cha		Cleansing	of Hous	es	-	-	-	•/ ^	<b>4</b>	-	*•		104-5
Cha		Scavengin			-	-	•	<b>-</b> ,	-	,	-	-	106-7
Cha	-	Highways			-	-	-	-	-	•	•	-	108-9
Cha	-	Regulation	n of New	7 Buildir	igs and	Streets	<b>-</b> ´	<b>.</b>	-	•	-	-	112-3
Cha	μ <b>ρ. Χ.</b>	Lodging I	Houses a	nd Over	crowding	z, &c.	-	-	•	-		•	114-5
Cha	. xi.	Mischiefs	which fa	ll within	n the D	efinition	of "Nu	isances,	" and t	be Pro	cedure	for	
	-	their R	emedy	-	-	-	-	-	-	-	-	-	118-9
Cha		Slaughter				rades		-	-	-	-	-	1245
Cha	p., xiii.	Provisions	s against	Infectio	n	-	-	-	-	<b>~</b> .	-	-	1267
Cha	ıp. xiv.	Extraordi	inary Me	asures fo	or Preve	ntion of	Epidem	ic Disea	lses	-	-	•	128-9
Cha	-	Ships and			-	-	-	-	-	<b>~</b> '	-	1	100 0
Cha	.p. xvi.	Local Imp	provemen	nts	-		-	-	-	- ,	÷ .	}	132-3
Cha	p. xvii.	Powers of	f Entry	-	-	••	-	-	-	-	-	-	140-1
Cha	p. xviii.	Byelaws	-	-	-	-	-	-	-	-	-	٦	140.0
Cha	p. xix.	Compulso	ry Purch	ase	-	-	-	-	-	-	-	3	142-3
Cha	p. xx.	General	-	-	-	-	-	-	-	•	-	-	144-5
PART V	IICo	urse of Leg	gal Proce	edure	-	-	2,	-	-	-	-	-	144-5
PART VI	II.—Ex	penses and	Rates	-	-	-	-	-	-	•	-	-	1489
	J	Borrowing	Powers	-	-	-	-	-	-	-	-	2	
		Audit	-	-	-	-	-	-	- :	-	-	ł	158-9
PART I	X.—On	Penalties	-	-	-	-	-	-	-	<b>-</b> '	-	J	
PART	X.—Sav	ing Clause	s -	-	-	-	-	-	-	<b>.</b> •	-	-	160-1
PART 2	<b>XI.</b> —An	alysis of th	he Town	s Impro	vement (	Clauses	Act (184	47)	-	-	-	_	165
		u.,				0144000		/					200
IV. Re	solut	ions	-	-	-	-	- •	~	-	•	-	-	174
	As to t	he New St	tatute La	w gener	ally	-	-	-	-	-	-	-	174
		he present				Author	ities	-	-	-	-	-	174
		he Central			-	-	-	-	-	-	-	-	175
		he action a							-	-	-	-	175
		he supervi					Authorit	ty	•	-	• ,	-	176
		he registra			d sickne	SS	-	-	-	·•	-	-	177 177
		he Audit o ertain old			-	-	-	-/	7 ·	-	: or	-	177
D			-		-	-					-		
DISSENT	(AS TO	PART) BY	LORD	KOBEI	RT MO	NTAGU	× +	7	-	• • • •	•	; ;	-177

ių