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BYLAW NO. 2388

LIQUID WASTE MANAGEMENT SAANICH PENINSULA LOCAL SERVICE ESTABLISHMENT BYLAW NO. 1, 1996

**Consolidated for Public Convenience
(This bylaw is for reference purposes only)**

ORIGINALLY ADOPTED JULY 10, 1996
(Consolidated with Amending Bylaws 2439, 3073)

For reference to original bylaws or further details, please contact the Capital Regional District,
Legislative Services Department, 625 Fisgard St., PO Box 1000, Victoria BC V8W 2S6
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CAPITAL REGIONAL DISTRICT

BYLAW NO. 2388

**A BYLAW TO CONVERT THE AUTHORITY FOR LIQUID WASTE MANAGEMENT
TO A LOCAL SERVICE FOR THE SAANICH PENINSULA**

WHEREAS by Supplementary Letters Patent, Division VII dated December 28, 1967, as amended by further Supplementary Letters Patent, the Capital Regional District was granted the function of the acquisition, design, construction, operation, maintenance, renewal and administration of trunk sewers and sewage disposal facilities within all member municipalities of the Regional District except the electoral areas of Sooke and the Outer Gulf Islands;

AND WHEREAS the Board of the Capital Regional District wishes to exercise the function granted to it by the Letters Patent in accordance with Part 24 of the *Municipal Act* subject to all the terms and conditions contained in the Letters Patent and including all the powers granted by the Letters Patent within all member municipalities except Sooke and the Outer Gulf Islands;

AND WHEREAS the Board of the Capital Regional District wishes to proceed under section 767 of the Municipal Act and convert the service to a local service exercised under the authority of a bylaw for a portion of the Regional District by bylaw under sections 767(4) and 794 of the *Municipal Act*.

AND WHEREAS the Board of the Capital Regional District has obtained the consent of two-thirds of the participants under section 802 of the *Municipal Act*.

NOW, THEREFORE, the Board of the Capital Regional District in open meeting assembled enacts as follows:

1. Local Service

The collection, conveyance, treatment, and disposal of sewage is established as a local service.

2. Boundaries

The boundaries of the local service area shall be coterminous with the boundaries of the Municipalities of Sidney, North Saanich and Central Saanich.

3. Participating Areas

The municipalities of Sidney, North Saanich and Central Saanich include the participating areas for this local service.

4. Cost Recovery

(1) The annual operating costs and annual debt costs for the service shall be recovered by one or more of the following:

- (a) property value taxes imposed in accordance with Division 4.3 of Part 24 of the Local Government Act;
- (b) fees and charges that may be imposed under section 797.2 of the Local Government Act;
- (c) revenues raised by other means authorized by the Local Government Act; and
- (d) revenue received by way of agreement, enterprise, gift, grant or otherwise.

- (2) The amount of the requisition for any participating area shall not exceed the amount calculated under section 5 less any amount received from the participating area under section 4(1)(d) by way of agreement negotiated with that participant.

(Bylaw 3073)

5. Apportionment

5.1 Definitions

In this bylaw:

- (a) "annual debt cost" means the principal and interest payable in each calendar year for the amortization of debenture and other debt;
- (b) "annual operating cost" includes all costs of operating, maintaining and administering all facilities and programs, and all costs arising from the operation of the facilities, excluding annual debt cost;
- (c) "Bazan Bay Treatment Plant and Outfall" means the treatment plant and outfall constructed as of January 1, 1996 and located in the Municipality of North Saanich on Lot C, Section 4, Plan 28424 and shown on Drawing No. 8-S165-1 attached hereto as Schedule "A";
- (d) "Bazan Bay Trunk" means the facilities constructed as of January 1, 1996 and located in the Municipality of North Saanich comprising the sewer from Bazan Bay and East Saanich Road to the Bazan Bay Treatment Plant and shown on Drawing No. 8-S165-1 attached hereto as Schedule "A";
- (e) "Central Saanich Peninsula Trunk" means facilities located in the municipalities of Central Saanich and North Saanich operated and administered by the Capital Regional District for the purpose of conveying sewage from Central Saanich and North Saanich to the Peninsula Treatment Plant and shown on Drawing No. 9-S120-1 attached hereto as Schedule "B" including, but not limited to:
- (i) Turgoose and Keating Pump Stations; and
 - (ii) force mains and gravity sewers from the Turgoose and Keating Pump Stations and Wallace Drive and Prosser Road to the Peninsula Treatment Plant;
- (Bylaw 2439)*
- (f) "Central Saanich Treatment Plant and Outfall" means the treatment plant and outfall constructed as of January 1, 1996 and located on Parcel A-2 on the Tsawout Indian Reserve and shown on Drawing No. 8-S165-1 attached hereto as Schedule "A";
- (g) "Central Saanich Trunk" means the facilities constructed as of January 1, 1996 and located in the Municipality of Central Saanich and on the Tsawout Indian Reserve comprising Central Saanich operated but Regionally owned facilities, from Delamere Pump Station, Brentwood Bay, to the Central Saanich Treatment Plant and shown on Drawing No. 8-S165-1 attached hereto as Schedule "A" including, but not limited to:
- (i) Delamere, Devonshire, Brentwood and Hagan Pump stations;
 - (ii) force mains and gravity sewers connecting the pump stations in (i) to the Central Saanich Treatment Plant; and
 - (iii) gravity sewer from Oldfield and Keating Cross Roads to the Central Saanich Treatment Plant;

- (h) "CRD Peninsula System" means the Sidney Peninsula Trunk, the Central Saanich Peninsula Trunk, the North Saanich Peninsula Trunk and the Peninsula Treatment Plant and Outfall;
- (i) (i) "Design Annual Average Flow" means the yearly average daily flow which the Peninsula Treatment Plant has been designed to accommodate;
- (ii) "Design Flow Allocations" means the Design Annual Average Flow and the Design Peak Flow allocated to a participating area in a trunk sewer, sewage treatment plant or other system as shown on Schedule "B".
- (iii) "Design Peak Flow" means the largest instantaneous flow which determines the required hydraulic capacity of the system or system component.
- (Bylaw 2439)*
- (j) "North Saanich Peninsula Trunk" means the facilities located in the Municipality of North Saanich operated and administered by the Capital Regional District for the purpose of conveying sewage from Bazan Bay Road to the Peninsula Treatment Plant and shown on Drawing No. 9-S120-1 attached hereto as Schedule "B", including but not limited to the trunk sewer from Bazan Bay Road to the Peninsula Treatment Plant;
- (k) "Peninsula Treatment Plant and Outfall" means the sewage treatment plant and disposal facilities to be constructed and operated by the CRD under this agreement and includes all ancillary facilities and works necessary or convenient for the operation, maintenance, control or administration of the treatment plant;
- (l) "Sidney Peninsula Trunk" means the facilities located in the municipalities of Sidney and North Saanich operated and administered by the Capital Regional District for the purpose of conveying sewage to the Peninsula Treatment Plant and shown on Drawing No. 9-S120-1 attached hereto as Schedule "B" including, but not limited to:
- (i) the Sidney Pump Station and Outfall;
- (ii) force mains and sewers connecting the Sidney Pump Station to the Peninsula Treatment Plant;
- (iii) CRD trunk sewer from CRD Manhole #12 at Ocean Avenue and Sixth Street to Sidney Pump Station; and
- (m) "Sidney Treatment Plant and Outfall" means the treatment plant and outfall constructed as of January 1, 1996 and located in the Municipality of Sidney on part of Lot 8, Plan 4179 and shown on Drawing No. 8-S165 attached as Schedule "A";
- (n) "Sidney Trunk" means the facilities located in the Municipality of Sidney comprising Sidney operated but Regionally owned facilities, from Harbour Pump Station to CRD Manhole #12 and shown on Drawing No. 8-S165 attached as Schedule "A" including, but not limited to:
- (i) Harbour, Amelia and Rothesay Pump Stations; and
- (ii) force mains and gravity sewers connecting the pump stations in (i) to the Sidney Treatment Plant;
- (o) "unitized approach" means the allocation of the total cost of all facilities among the participating areas benefitted by the facilities on the basis of an agreed formula, notwithstanding the location of the participating areas in relation to the facilities.

5.2 Capital and Debt Cost - Existing Facilities

Subject to this bylaw, the net annual capital cost and/or subsequent net annual debt cost with respect to Sidney Trunk, Central Saanich Trunk, Bazan Bay Trunk, Central Saanich Treatment Plant and Outfall, Bazan Bay Treatment Plant and Outfall and Sidney Treatment Plant and Outfall facilities shall be apportioned among the participating areas on the basis of the proportion of the design capacity of that part of the respective facilities located within a participating area and downstream from the participating area allotted to the participating area by the Regional Board.

5.3 Spill Costs

(a) In the event that:

- (i) a spill occurs from the Sidney Peninsula Trunk, Central Saanich Peninsula Trunk or the North Saanich Peninsula Trunk; and
- (ii) the spill resulted from the capacity of the trunk sewer being exceeded, and by measurement it may be determined that flows from one or more participating areas exceeded design peak flow as set out in Schedule "B"; and
(Bylaw 2439)
- (iii) a fine is imposed against the Capital Regional District following a conviction under a Spill Regulation or the Capital Regional District is liable for damages as a result of the spill;

then the amount of the fine, damages or other liability and associated legal costs directly attributable to the spill shall be allocated to that participating area determined to have caused the spill.

(b) If more than one participating area jointly caused the spill, then the amount of the fine, damages or liability and associated legal costs directly attributable to the spill shall be apportioned:

- (i) on the basis of the annual average flow among those participating areas determined to have caused the spill; or
(Bylaw 2439)
- (ii) where flow records indicate that the design peak flow of one or more participants was exceeded, on the basis of the proportion of the amounts by which the design peak flow was exceeded by one or more participating areas.

(Bylaw 2439)

5.4 Capital and Debt Costs - CRD Peninsula System

The net annual capital cost and/or subsequent net annual debt cost of the CRD Peninsula System shall be apportioned to the participating areas annually using the utilized approach as follows:

- (a) prior to and during the first year following the commencement of use of the CRD Peninsula System by all participating areas, on the basis of
 - (i) 50% based on the proportion of the design annual average flow of the Peninsula Treatment Plant allocated to a participant;
 - (ii) 50% based on measured annual average flows at the Peninsula Treatment Plant from each participating area as of October 1 of the previous year in proportion to the total measured annual average flows at the Peninsula Treatment Plant from all participating areas;

as more particularly set out in Schedule "C" provided that prior to the actual commencement of use of the Peninsula Treatment Plant the portion of the cost based on 5.4(a)(ii) shall be estimated from annual average flows at the treatment plant and outfall facilities listed in 5.5.

- (b) in year fifteen (15) and beyond, on the basis of 100% on the proportion of measured annual average flows from each participating area as of October 1 of the previous year in proportion to the total measured annual average flow from all participating areas; and
- (c) for years two (2) through fourteen (14), on the basis of the calculation set out in paragraph (b), except that the proportion based on design annual average flow will drop annually in a straight line to 0% in year fifteen (15) and the proportion based on measured annual average flows will rise in a straight line to 100% in year fifteen (15) as set out in Schedule "C".

(Bylaw 2439)

5.5 Operating Costs - Existing Facilities

The net annual operating costs for:

- (i) the Sidney Trunk;
- (ii) the Central Saanich Trunk;
- (iii) the Bazan Bay Trunk;
- (iv) the Sidney Treatment Plant and Outfall;
- (v) the Central Saanich Treatment Plant and Outfall; and
- (vi) the Bazan Bay Treatment Plant and Outfall

shall be apportioned as to each trunk sewer or group of trunks referred to in paragraphs (i) to (vi), among municipalities with participating areas connected to that particular trunk or trunks, in proportion to the annual average flow of sewage from that participating area to the total annual average flow of sewage from all participating areas connecting to that trunk or trunks.

5.6 Operating Cost - CRD Peninsula System

The annual operating cost for the CRD Peninsula System shall be apportioned, using the unitized approach, among participating areas connected to that particular trunk or trunks, in proportion to the annual average flow of sewage from that participating area to the total annual average flow of sewage from all participating areas connecting to the CRD Peninsula System.

5.7 Alteration or Amendment - CRD Peninsula System

Despite the foregoing, the location and extent of components included in the CRD Peninsula System and shown on Schedules "B" and "C" are preliminary and subject to alteration or amendment prior to final system design and construction, and references in this bylaw to a component of the CRD Peninsula System will be interpreted as a reference to a component as altered or amended.

6. Maximum Requisition

The maximum amount that may be requisitioned under section 804(1) of the *Municipal Act* for the local service shall be the greater of:

- (a) five million, six hundred and sixty-three thousand (\$5,663,000) dollars; or

- (b) an amount equal to the amount that could be raised by a property value tax of one dollar and fifty-six cents (\$1.56) dollars per one thousand (\$1,000) dollars, which when applied to the net taxable value of land and improvements within the local service area will yield the maximum amount that may be requisitioned under sections 804(1)(a) and (b) for the local service. *(Bylaw 2439)*

7. Powers

In providing the local service established by this bylaw, the Regional District may, without limiting the generality of Section 1:

- (a) acquire, design, construct, operate, maintain, renew and administer trunk sewers and sewage disposal and treatment facilities and buildings;
- (b) enter into an agreement with a member municipality on such terms as are mutually agreed upon providing that the municipality may undertake on behalf of the Regional District the design, construction, operation and maintenance of any of the facilities of the Regional District within that municipality;
- (c) make interim provision for sewage disposal;
- (d) at any time enter upon any lands, streets, waters or water courses, without the consent of the owner, for the purpose of making surveys and other examinations to determine whether or not the lands, streets, waters or water courses are required in the carrying out of the local service;
- (e) carry any sewer or other works through, across or under any street in such manner as not unnecessarily to obstruct or impede travel and may enter upon and dig up any street for the purpose of laying sewers or other works and of maintaining, repairing and renewing the works in accordance with the following:
 - (i) in entering upon and digging up any street, the Regional District shall be subject to such reasonable terms and conditions as may be made by the authority having jurisdiction over such street;
 - (ii) before entering upon any street for the purpose of laying, maintaining, repairing or renewing a sewer or other works, the Regional District gives at least 30 days' notice of its contemplated action to the authority having jurisdiction over the street, but the authority may waive the giving of such notice or shorten the notice period; and
 - (iii) whenever the Regional District digs up any street for any of the purposes set out above, it shall, so far as practicable, restore the street to as good a condition as the street was in before such digging began, and the Regional District shall at all times indemnify and save harmless the municipality within which such digging occurred against and from all damage which may be recovered against such municipality by reason of anything done or omitted by the Regional District, and shall reimburse the municipality for all expenses which the municipality may incur by reason of any defect or want of repair of any street caused by the construction, maintenance, repair or renewal of any of the sewers, drains or other works. No compensation other than as provided in this subsection shall be made by the Regional District in respect of anything done by the Regional District under this subsection;
- (f) make regulations for the purpose of:

- (i) minimizing the entry of surface and rainwater taking into account the condition of the sewers; and
- (ii) controlling the quantity and quality of sewage discharging into its facilities;
- (g) carry out investigations to assess the marine environment and shoreline discharges and contaminant sources; and
- (h) coordinate programs among all levels of government to enhance marine environmental quality.

8. Peninsula Trunks, Treatment Plant and Outfall

8.1 With respect to the Peninsula Trunks, Treatment Plant and Outfall, where a participating area:

- (a) uses 90% or more of either the design annual average flow or design peak flow allocated to that participating area as set out in Schedule "B" to this bylaw based on measured flows, or where such flows are not available, as determined by the Chief Engineer of the Regional District; and *(Bylaw 2439)*
- (b) desires additional capacity

then such participating area shall commence negotiations with the Regional District and with the other participating areas participating in the Peninsula Trunk Treatment Plant and Outfall for the reallocation of capacity and the reapportionment of the annual debt cost of Peninsula Trunks, Treatment Plant and Outfall and/or for providing increased capacity.

8.2 In the event that the participating areas participating in the Peninsula Trunks, Treatment Plant and Outfall cannot agree on a reapportionment of the annual debt costs and/or on arrangements for increased capacity within six months of the date of notice to the Chief Engineer and/or the Chief Engineer's determination under section 8.1, then a Director on the Board of the Regional District representing a participating area may, at a meeting of the Board, require that the matter be settled by mediation and/or arbitration in accordance with section 9 of this bylaw and subject to section 8.3.

8.3 The decision of the arbitrator under section 8.2 shall not increase the cost to any participating area which is not using 90% or more and which does not expect to use more than 100% of its design flow allocations in the Peninsula Trunks, Treatment Plant and Outfall, nor shall a participating area be forced to give up design flow allocations against its wishes.

(Bylaw 2439)

9. Negotiation, Mediation and Arbitration

9.1 The participating areas shall make all reasonable efforts to resolve by negotiation a dispute regarding the proportions in which the facilities or the several parts of a facility are allocated under subsections 5.2, 5.4 to 5.6, 8.1 and 8.2.

9.2 In the event that negotiations under section 9.1 fail to resolve a matter in dispute, a Director representing a participating area affected or likely to be affected by the matter in dispute shall declare at a meeting of the Board at which it is intended to deal with any such question that he or she is unwilling to accept the Board's determination with respect to the matter, and the Board shall not decide the question, but shall appoint a mediator under section 9.5 and refer the question to the mediator.

9.3 In the event that a question has not been resolved by the mediator within 60 days of the appointment of a mediator under section 9.5, the mediator shall terminate the negotiations by giving notice in writing to all affected participating areas.

- 9.4 Following termination of the mediation under section 9.3, the matter in dispute shall be referred to an arbitrator appointed under section 9.5 by the Board as soon as reasonably practicable following the expiry of the time period referred to in section 9.3.
- 9.5 A mediator appointed under section 9.2 and an arbitrator appointed under section 9.4 shall be appointed by unanimous vote of all the Directors of the Board present at the meeting of the Board at which the selection is made and, failing such vote, by a Judge of the Supreme Court of the Province of British Columbia.
- 9.6 The decision of the arbitrator shall be final and binding on the Board and on all participating areas affected by the arbitrator's decision.
- 9.7 The costs of the mediation or arbitration shall be allocated among the participating areas as decided by the participants, but if the participants cannot agree, then as decided by the mediator or arbitrator, but in no case shall a participating area not involved in a dispute be responsible for any costs of an arbitration or mediation.
10. Sole Authority
- (a) Despite section 611 of the *Municipal Act*, the Regional District is the sole authority with jurisdiction to construct the works referred to in paragraph 7(a), provided that a member municipality may proceed on its own initiative with any such work within its own boundaries that the Regional Board is unable or unwilling to construct at that time, the design of such work having been approved by the Regional Board.
- (b) Despite paragraph (a) the Regional District and a municipality which includes a participating area may agree that the construction and operation of works referred to in paragraph 7(a) are within the powers of the municipality.
11. Continuing Authority
- Nothing in this bylaw shall be interpreted as affecting or impairing in any way the rights and powers of the Regional District under the Supplementary Letters Patent, Division VII, dated December 28, 1967, as amended by further Supplementary Letters Patent, in relation to that part of the Regional District not contained within the local service area created by this bylaw.

12. Citation

This Bylaw may be cited for all purposes as the "Liquid Waste Management Saanich Peninsula Local Service Establishment Bylaw No. 1, 1996".

READ A FIRST TIME THIS 8th day of May 1996
READ A SECOND TIME THIS 8th day of May 1996
READ A THIRD TIME THIS 8th day of May 1996

CONSENTED TO BY THE COUNCILS OF THE MUNICIPALITIES OF CENTRAL SAANICH, NORTH SAANICH AND SIDNEY.

APPROVED BY THE INSPECTOR OF MUNICIPALITIES THIS 3rd day of July 1996

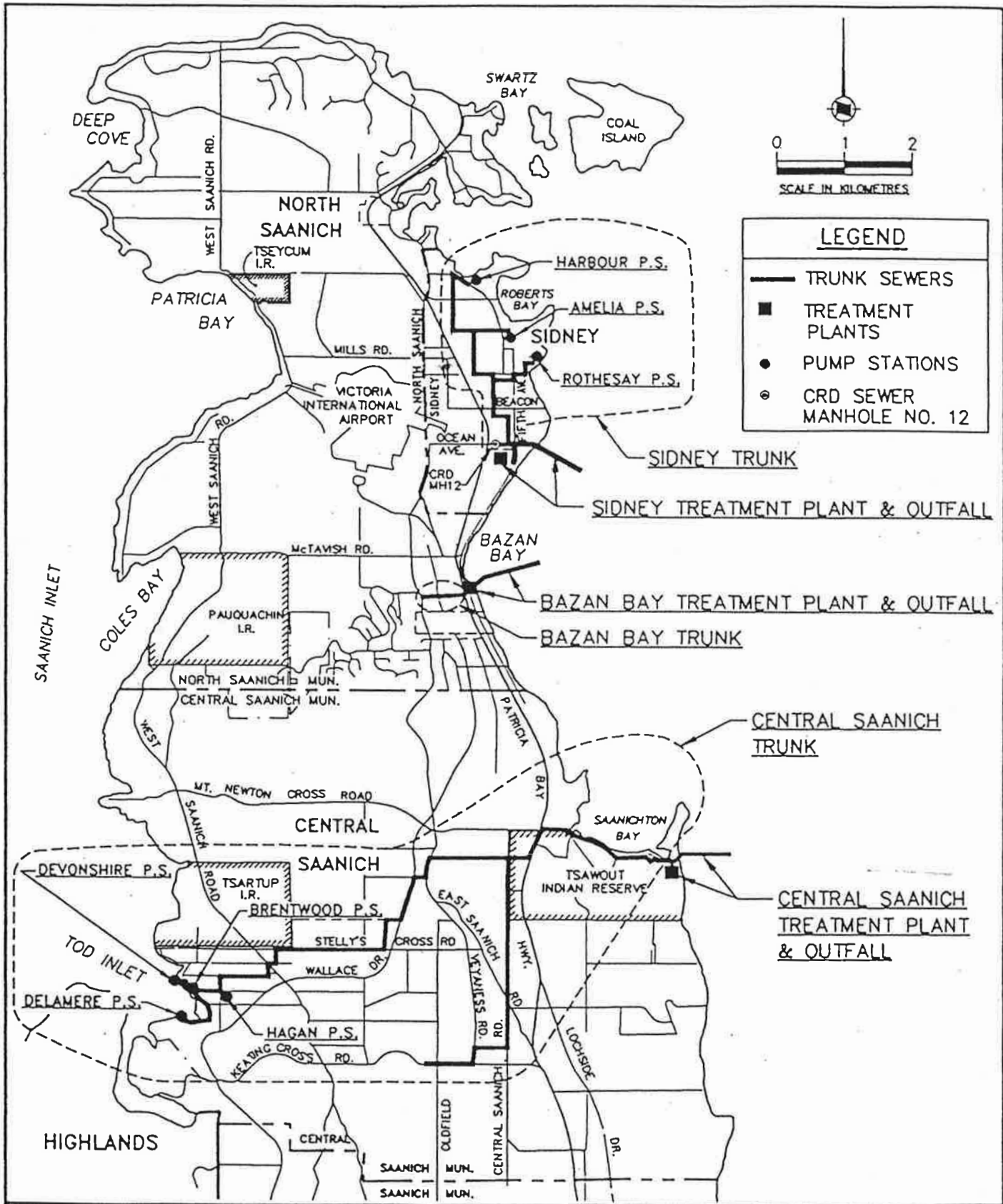
ADOPTED THIS 10th day of July 1996



CHAIRPERSON



SECRETARY

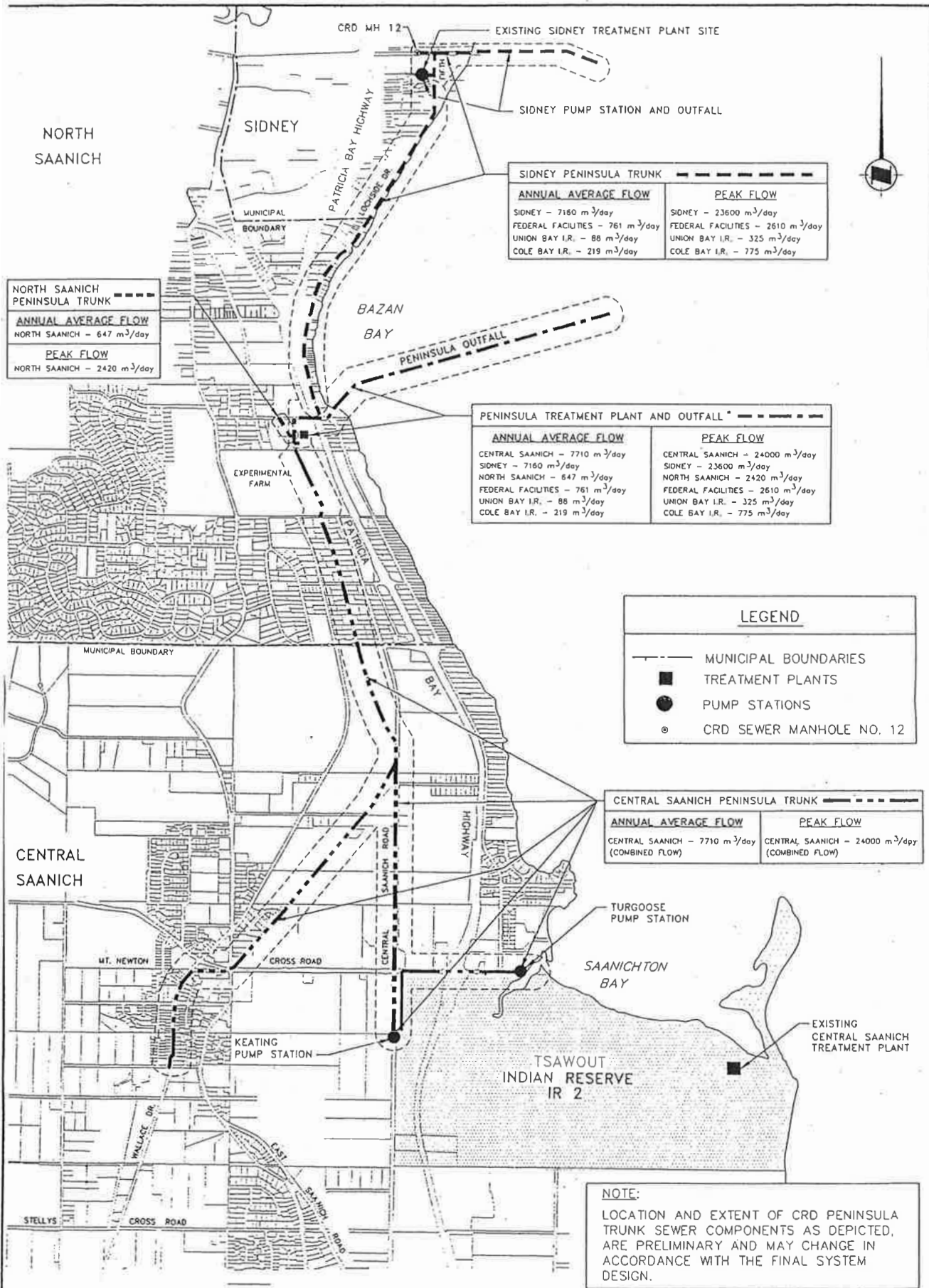


CAPITAL REGIONAL DISTRICT ENGINEERING

DESIGNED	M.C.W.
DRAWN	L.N.
CHECKED	<i>[Signature]</i>
APPROVED	<i>[Signature]</i>

SCHEDULE 'A' TO BYLAW 2388
 1996 EXISTING PENINSULA TRUNK SEWER,
 TREATMENT PLANT AND OUTFALL SYSTEM

DATE	APR. 18/96	SCALE	N.T.S	DWG. NO.	8-S165-1	REV.	1	SHT	1	OF	1
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SIDNEY PENINSULA TRUNK	
ANNUAL AVERAGE FLOW	PEAK FLOW
SIDNEY - 7160 m ³ /day	SIDNEY - 23600 m ³ /day
FEDERAL FACILITIES - 761 m ³ /day	FEDERAL FACILITIES - 2610 m ³ /day
UNION BAY I.R. - 88 m ³ /day	UNION BAY I.R. - 325 m ³ /day
COLE BAY I.R. - 219 m ³ /day	COLE BAY I.R. - 775 m ³ /day

NORTH SAANICH PENINSULA TRUNK	
ANNUAL AVERAGE FLOW	PEAK FLOW
NORTH SAANICH - 647 m ³ /day	NORTH SAANICH - 2420 m ³ /day

PENINSULA TREATMENT PLANT AND OUTFALL	
ANNUAL AVERAGE FLOW	PEAK FLOW
CENTRAL SAANICH - 7710 m ³ /day	CENTRAL SAANICH - 24000 m ³ /day
SIDNEY - 7160 m ³ /day	SIDNEY - 23600 m ³ /day
NORTH SAANICH - 647 m ³ /day	NORTH SAANICH - 2420 m ³ /day
FEDERAL FACILITIES - 761 m ³ /day	FEDERAL FACILITIES - 2610 m ³ /day
UNION BAY I.R. - 88 m ³ /day	UNION BAY I.R. - 325 m ³ /day
COLE BAY I.R. - 219 m ³ /day	COLE BAY I.R. - 775 m ³ /day

LEGEND	
	MUNICIPAL BOUNDARIES
	TREATMENT PLANTS
	PUMP STATIONS
	CRD SEWER MANHOLE NO. 12

CENTRAL SAANICH PENINSULA TRUNK	
ANNUAL AVERAGE FLOW	PEAK FLOW
CENTRAL SAANICH - 7710 m ³ /day (COMBINED FLOW)	CENTRAL SAANICH - 24000 m ³ /day (COMBINED FLOW)

NOTE: SOME BIOSOLIDS PROCESSING MAY BE DONE AT A LOCATION OTHER THAN THE PENINSULA TREATMENT PLANT SITE.

NOTE: LOCATION AND EXTENT OF CRD PENINSULA TRUNK SEWER COMPONENTS AS DEPICTED, ARE PRELIMINARY AND MAY CHANGE IN ACCORDANCE WITH THE FINAL SYSTEM DESIGN.

CAPITAL REGIONAL DISTRICT ENGINEERING

DESIGNED <i>M.C.W.</i>	SCHEDULE 'B' TO BYLAW 2388		
DRAWN <i>L.N.</i>	CRD PENINSULA SYSTEM AND		
CHECKED <i>[Signature]</i>	DESIGN FLOW ALLOCATIONS		
APPROVED <i>[Signature]</i>	DATE APR. 30/96	SCALE N.T.S.	DWG. NO. 9-S120-1
			REV. 1 SH 1 OF 1

SCHEDULE "C"

SECTION E1 - CALCULATION OF THAT PORTION OF THE DEBT / CAPITAL COSTS PAYABLE IN ANY YEAR BY A PARTICIPANT BASED ON THEIR PORTION OF THE CAPACITY ALLOCATED IN THE CRD PENINSULA SYSTEM

PARTICIPATING AREA	ALLOCATED CAPACITY (AAF M3/DAY)	% ALLOCATED CAPACITY (CAP /TOTAL)	CALCULATED PORTION (%) OF DEBT / CAPITAL COSTS PAYABLE BY PARTICIPANT BY YEAR BASED ON CAPACITY ALLOCATION *															
			YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	YEAR 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12	YEAR 13	YEAR 14	YEAR 15	
Central Saanich	CS CAP	CS %	CS % * P1															
Sidney	SID CAP	SID %	SID % * P1															
North Saanich	NS CAP	NS %	NS % * P1															
PENINSULA STP	TOTAL CAP	100 %																
ANNUAL PORTION OF DEBT / CAPITAL COST			(P1)	50.00%	46.43%	42.86%	39.29%	35.71%	32.14%	28.57%	25.00%	21.43%	17.86%	14.29%	10.71%	7.14%	3.57%	0.00%

SECTION E2 - CALCULATION OF THAT PORTION OF THE DEBT / CAPITAL COSTS PAYABLE IN ANY YEAR BY A PARTICIPANT BASED ON THEIR PORTION OF THE AVERAGE ANNUAL FLOW MEASURED IN THE CRD PENINSULA SYSTEM

PARTICIPATING AREA	AVERAGE ANNUAL FLOW M3/D (MEASURED)	% OF AVERAGE ANNUAL FLOW (AAF / AAF TOTAL)	CALCULATED PORTION (%) OF DEBT / CAPITAL COSTS PAYABLE BY PARTICIPANT BY YEAR BASED ON ACTUAL FLOWS **															
			YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	YEAR 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12	YEAR 13	YEAR 14	YEAR 15	
Central Saanich	CSAAF	CSF%	CSF% * P2															
Sidney	SIDAAF	SIDF %	SIDF% * P2															
North Saanich	NSAAF	NSF%	NSF% * P2															
PENINSULA STP	AAF TOTAL	100%																
ANNUAL PORTION OF DEBT / CAPITAL COST			(P2)	50.00%	53.57%	57.14%	60.71%	64.29%	67.86%	71.43%	75.00%	78.57%	82.14%	85.71%	89.29%	92.86%	96.43%	100.00%

FOR ANY YEAR THAT PORTION OF THE DEBT / CAPITAL COSTS PAYABLE BY A PARTICIPATING AREA IS THE SUM OF THE PORTION CALCULATED UNDER SECTION E1 ABOVE PLUS THAT PORTION CALCULATED UNDER SECTION E2 ABOVE.

FOR EXAMPLE, THE CENTRAL SAANICH PORTION FOR YEAR 1 IS = (CS% * P1) + (CSF% *P2) WHERE P1 + P2 = 100%