



Date: FEB 04 2002

File: PE-04606

REGISTERED MAIL

OWNERS OF STRATA PLAN LMS 3080
100 Blackberry Drive
Anmore, British Columbia V3H 5B4

Dear Permittee:

Enclosed is amended Permit PE-04606 issued under the provisions of the *Waste Management Act*. Your attention is respectfully directed to the conditions of the permit. An annual fee for the permit will be determined in accordance with the Waste Management Permit Fees Regulation.

This permit does not authorize entry upon, crossing over, or use for any purpose of private or crown lands or works, unless and except as authorized by the owner of such lands or works. The responsibility for obtaining such authority rests with the permittee. It is also the responsibility of the permittee to ensure that all activities conducted under this permit are carried out with due regard to the rights of third parties, and comply with other applicable legislation that may be in force.

This decision may be appealed by persons aggrieved by the decision in accordance with Part 7 of the *Waste Management Act*. Notice of the appeal must (1) be in writing, (2) include the grounds for appeal, (3) be directed by registered mail or personally delivered to the Chair, Environmental Appeal Board, 4th Floor 836 Yates Street, Victoria, British Columbia, V8W 9V1, (4) be delivered within 30 days from the date notice of the decision is given, and (5) be accompanied by a fee of \$25.00, payable to the Minister of Finance and Corporate Relations.

Administration of this permit will be carried out by staff from our regional office located at 10470 - 152nd Street, Surrey, British Columbia, V3R 0Y3. Plans, data and reports pertinent to the permit are to be submitted to the Regional Waste Manager at this address.

Yours truly,

H.G. Maxwell
Assistant Regional Waste Manager

Enclosure

c.c. Environment Canada



MINISTRY OF WATER, LAND
AND AIR PROTECTION

Lower Mainland Region
Environmental Management
10470 - 152 Street
Surrey, British Columbia
V3R 0Y3
Telephone: (604) 582-5200
Fax: (604) 584-9751

**PERMIT
PE-04606**

Under the Provisions of the Waste Management Act

OWNERS OF STRATA PLAN LMS 3080

100 Blackberry Drive

Anmore, British Columbia

V3H 5B4

are authorized to discharge effluent to the land from a residential strata property located at the west end of 100 Blackberry Drive, Anmore, British Columbia, subject to the conditions listed below. Contravention of any of these conditions is a violation of the Waste Management Act and may result in prosecution.

1. AUTHORIZED DISCHARGES

1.1 This section applies to the discharge of effluent from a **secondary sewage treatment plant serving a maximum of 39 2-bedroom homes within residential strata lots and a maximum of 12 3-bedroom non-strata homes.** The site reference number for this discharge is E100972.

1.1.1 The maximum authorized rate of discharge is 61 cubic metres per day.

1.1.2 The characteristics of the discharge shall be:

5-day biochemical oxygen demand,	20. mg/L, maximum;
Total suspended solids (nonfilterable residue),	20. mg/L, maximum.

Date Issued: May 23, 1978

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(most recent)

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H.G. Maxwell
Assistant Regional Waste Manager

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1.1.3 The designated wastewater treatment works authorized are:

- secondary sewage treatment plant;
- effluent filter;
- flow measurement device; and
- two subsurface disposal fields each containing a minimum of 616 metres of disposal pipe.

Other authorized works include a minimum of two groundwater observation wells, observation ports on a minimum of two disposal pipe runs per disposal field, sampling facilities and related appurtenances. Works are approximately located as shown on attached Site Plan A.

1.1.4 The location of the facilities from which the discharge originates is Strata Lot 6, Strata Plan LMS3080, Section 16, Township 39, New Westminster District.

1.1.5 The location of the point of discharge is Strata Lot 6, Strata Plan LMS3080, Section 16, Township 39, New Westminster District.

2. GENERAL REQUIREMENTS

2.1 Emergency Procedures

In the event of an emergency which prevents compliance with a requirement of this permit, that requirement will be suspended for such time as the emergency continues or until otherwise directed by the Regional Waste Manager provided that:

- a. Due diligence was exercised in relation to the process, operation or event which caused the emergency and that the emergency occurred notwithstanding this exercise of due diligence;
- b. The manager is immediately notified of the emergency; and
- c. It can be demonstrated that everything possible is being done to restore compliance in the shortest possible time.

Notwithstanding (a), (b), and (c) above, the manager may require operation of the designated treatment works to be suspended to protect the environment while the situation is corrected.

2.2 Maintenance of Works

The permittee shall inspect the authorized works regularly and maintain them in good working order. Notify the Regional Waste Manager of any malfunction of these works.

2.3 Bypasses

The discharge of effluent which has bypassed the designated wastewater treatment works is prohibited unless the approval of the Regional Waste Manager is obtained and confirmed in writing.

2.4 Process Modifications

The Regional Waste Manager shall be notified prior to implementing changes to any process that may adversely affect the quality and/or quantity of the discharge.

2.5 Facility Classification and Operator Certification

The permittee shall have the works authorized by this permit classified by the Environmental Operators Certification Program Society (Society). The works shall be operated and maintained by persons certified within and according to the program provided by the Society. Certification must be completed to the satisfaction of the Regional Waste Manager. In addition, the manager shall be notified of the classification level of the facility and certification levels of the operators, and changes of operators and/or operator certification levels within 30 days of any change.

Alternatively, the works authorized by this permit shall be operated and maintained by persons who the permittee can demonstrate to the satisfaction of the Director, are qualified in the safe and proper operation of the facility for the protection of the environment.

2.6 Disposal Field Operation

Use of the disposal fields shall be alternated on a monthly basis, or at other frequencies as the Regional Waste Manager may allow.

2.7 Standby Facilities

A standby area shall be set aside equivalent to 50% of the total installed disposal field area. The standby area is to be held in reserve for future use as a disposal field and is to be maintained free of any permanent structures.

2.8 Sludge Wasting and Disposal

Sludge wasted from the designated treatment works shall be disposed of to a site and in a manner approved by the Regional Waste Manager, or as authorized by regulation under the *Waste Management Act*.

2.9 Operating Plan

The permittee shall prepare an operating plan for the works authorized in Section 1.1 by **March 31, 2002**. The plan shall include details regarding proper operation, maintenance and testing of the facilities to ensure compliance with this permit, inventory of components and replacement parts, alarm system, emergency procedures, facility monitoring, operator training and operator certification. The operating plan shall be prepared by an individual who is qualified through training and/or education.

Operate the works in accordance with the operating plan. Maintain a copy of the operating plan at the sewage treatment facility for inspection by an officer.

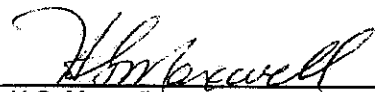
2.10 Plans – New Works

Plans and specifications of the works authorized in Section 1.1 shall be certified by a qualified professional licensed to practice in the Province of British Columbia, and submitted to the Regional Waste Manager. A qualified professional must certify that the works have been constructed in accordance with the plans before discharge commences.

2.11 Security

Security in the amount of **\$50,000** shall be maintained in a manner and form acceptable to the Regional Waste Manager. The security may be applied at the discretion of the manager to correct any inadequacy of the works relating to their construction, operation and maintenance. The manager may adjust the security amount requirement to reflect inflation.

The security may be returned when the homes have been connected to a municipal sewerage system or after property in the works has been transferred to a municipal authority. Granting of the request is at the discretion of the manager.



H.G. Maxwell
Assistant Regional Waste Manager

2.12 Capital Replacement Fund

The permittee shall establish and maintain a capital replacement fund in an amount and manner satisfactory to the Regional Waste Manager. The fund may be comprised of cash, securities, bonds, insurance or other financial instruments, or a combination of these. An appropriate amount shall be added to the fund each year for replacement of capital parts, equipment and infrastructure, based on the funds available and the estimated remaining lifetime of these works.

The permittee may withdraw funds for capital replacement of the authorized works, operation and maintenance of the authorized works and associated costs only. Withdrawn funds shall be replenished on a schedule satisfactory to the manager.

Prepare a report of the fund for each calendar year and submit the report to the manager by **March 31** of the following year.

2.13 Notification

The Regional Waste Manager shall be notified of a change in ownership of the works authorized in Section 1.1 within 10 days of an ownership change.

2.14 Strata Contacts

The Regional Waste Manager shall be notified of the names, addresses, telephone numbers and positions of strata council members, and a strata manager or strata management company, if applicable, within 30 days of any changes.

2.15 Sewer Connection

The discharge authorized by this permit shall be connected to a municipal sewerage system when such facilities become available.

3. MONITORING AND REPORTING REQUIREMENTS

3.1 Discharge Monitoring

3.1.1 Grab Sampling

The permittee shall install a suitable sampling facility and obtain a grab sample of the effluent **once each month**. Proper care should be taken in sampling, storing and transporting the samples to adequately control temperature and avoid contamination, breakage, etc.

3.1.2 Analyses

Obtain analyses of the sample for the following:

5-day biochemical oxygen demand (BOD₅), mg/L; and
Total suspended solids (nonfilterable residue), mg/L.

3.1.3 Flow Measurement

Provide and maintain a suitable flow measuring device and record **twice per week** the effluent volume discharged over a 24-hour period.

3.2 Monitoring Procedures

3.2.1 Sampling Procedures

Sampling and flow measurement are to be out in accordance with procedures described in the latest version of "British Columbia Field Sampling Manual for Continuous Monitoring plus the Collection of Air, Air-Emission, Water, Wastewater, Soil, Sediment, and Biological Samples, 1996 Edition (Permittee)," or by suitable alternative procedures as authorized by the Regional Waste Manager.

A copy of the above manual may be purchased from Queen's Printer Publications Centre, P. O. Box 9452, Stn. Prov. Govt. Victoria, British Columbia, V8W 9V7 (1-800-663-6105 or (250) 387-4609). A copy of the manual is also available for inspection at all Pollution Prevention offices.

3.2.2 Chemical Analyses

Analyses are to be carried out in accordance with procedures described in the latest version of "British Columbia Environmental Laboratory Manual for the Analysis of Water, Wastewater, Sediment and Biological Materials (March 1994 Permittee Edition)", or by suitable alternative procedures as authorized by the Regional Waste Manager.

A copy of the above manual may be purchased from Queen's Printer Publications Centre, P. O. Box 9452, Stn. Prov. Govt. Victoria, British Columbia, V8W 9V7 (1-800-663-6105 or (250) 387-4609). A copy of the manual is also available for inspection at all Pollution Prevention Offices.

3.2.3 Quality Assurance

All data analyses required to be submitted by the permit shall be conducted by a laboratory acceptable to the Regional Waste Manager. At the request of the manager, the permittee shall provide the laboratory quality assurance data, associated field blanks, and duplicate analysis results along with the submission of data required under Section 3. of the permit.

3.3 Reporting

Maintain data of analyses and flow measurements for inspection and submit the data, suitably tabulated, to the Regional Waste Manager for the previous six months. The reporting periods end **March 31 and September 30** each year. All reports shall be received by the manager within 31 days of the end of the reporting period.

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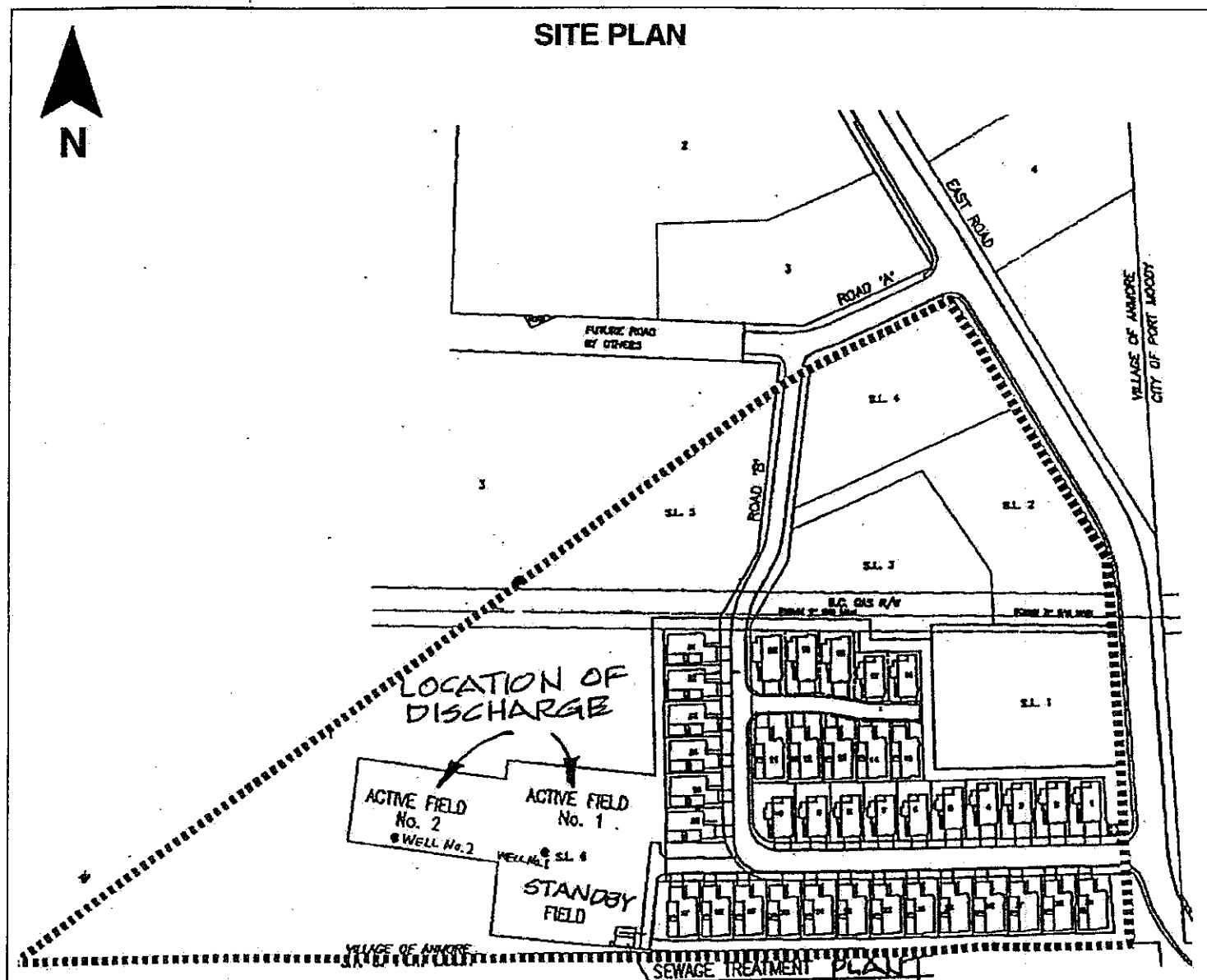
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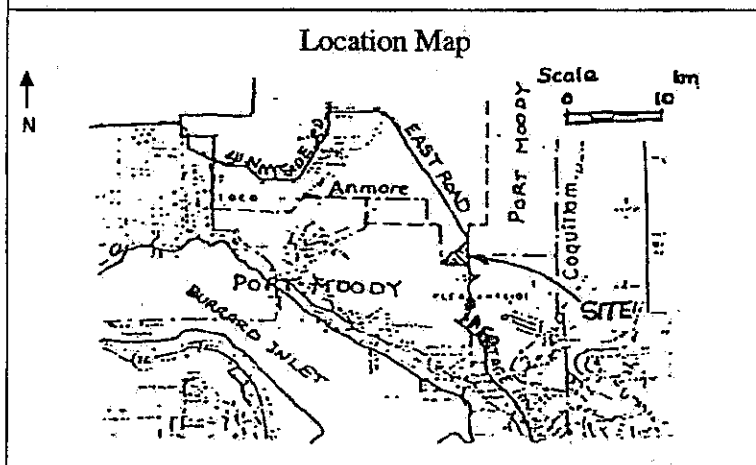
H.G. Maxwell

Assistant Regional Waste Manager

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Legal Description: Strata Lot 6, Strata Plan LMS 3080, Section 16, Township 39, New Westminster District



Scale: 1:25,000

Site Plan: A

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Lower Mainland Region

