



AMENDING DOCUMENT

Under the provisions of the
Greater Vancouver Regional District Air Quality Management Bylaw No. 937, 1999,

AIR QUALITY MANAGEMENT PERMIT NUMBER GVA0242

last amended December 14, 2001
in the name of BA Blacktop Limited
located at 6 Riverside Drive, North Vancouver, BC
is amended, subject to the terms and conditions listed below:

Effective Date: AUG 30 2007

Schedule C, Emission monitoring, sampling and reporting requirements: Amend the Due Dates for Emission Number 01 as follows:

Emission Number	Due Dates	Requirements
01	October 31, 2007 August 31, 2008 and annually thereafter	The measured discharge rate and concentration of particulate matter, organics and carbon monoxide in the emissions. The production rate (tonnes per hour) at the time of testing shall be recorded as well as the utilization rate (percentage) of recycled asphalt material (RAP). The production rate at which testing occurs shall be considered 80% of the maximum allowable production rate and the utilization of RAP shall be considered the maximum allowable utilization rate. The final mix temperature (°C) shall also be recorded. These rates may be exceeded for the purposes of conducting compliance testing.

All other terms and conditions prescribed in Permit GVA0242 remain unchanged.

Silvano Padovan, Assistant District Director

Amendment Date: AUG 30 2007



Greater Vancouver Regional District
4330 Kingsway, Burnaby, British Columbia, Canada V5H 4G8

General
Telephone (604) 432-6200
Fax (604) 432-6251

Policy and Planning Department - Tel(604)436-6700 Fax (604)436-6707

PERMIT

(Under the provisions of the GVRD Air Quality Management Bylaw No. 937, 1999)

B.A. BLACKTOP LIMITED

IS AUTHORIZED TO DISCHARGE AIR CONTAMINANTS

FROM AN ASPHALT PLANT

LOCATED AT 6 RIVERSIDE DRIVE, NORTH VANCOUVER, B.C., CANADA - V7L4K6

This permit has been issued under the terms and conditions prescribed in the attached Schedules A, B, C, D, E, F, G, H, & I for emission sources and works existing or planned on December 14, 2001

ASSISTANT DISTRICT DIRECTOR
PERMIT NUMBER GVA0242

INDEX OF SCHEDULES

Schedule A.....Site Plan

Schedule B.....General Requirements

Schedule C.....Emission Monitoring, Sampling and Reporting Requirements

Schedule D.....Emission Sources and Discharge Points

Schedule E.....Authorized Rates of Discharge

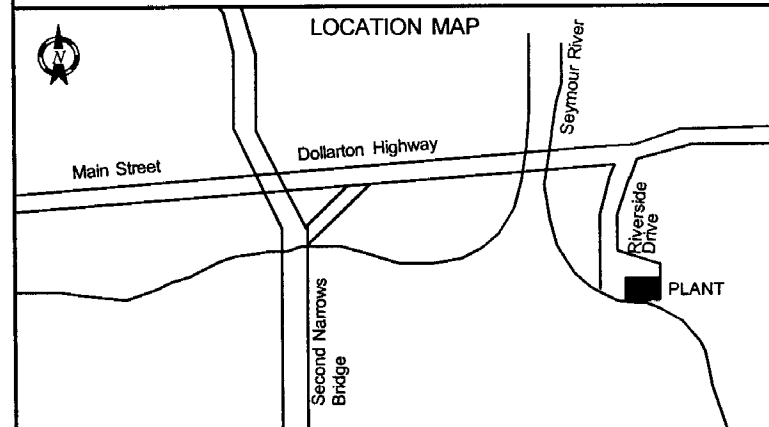
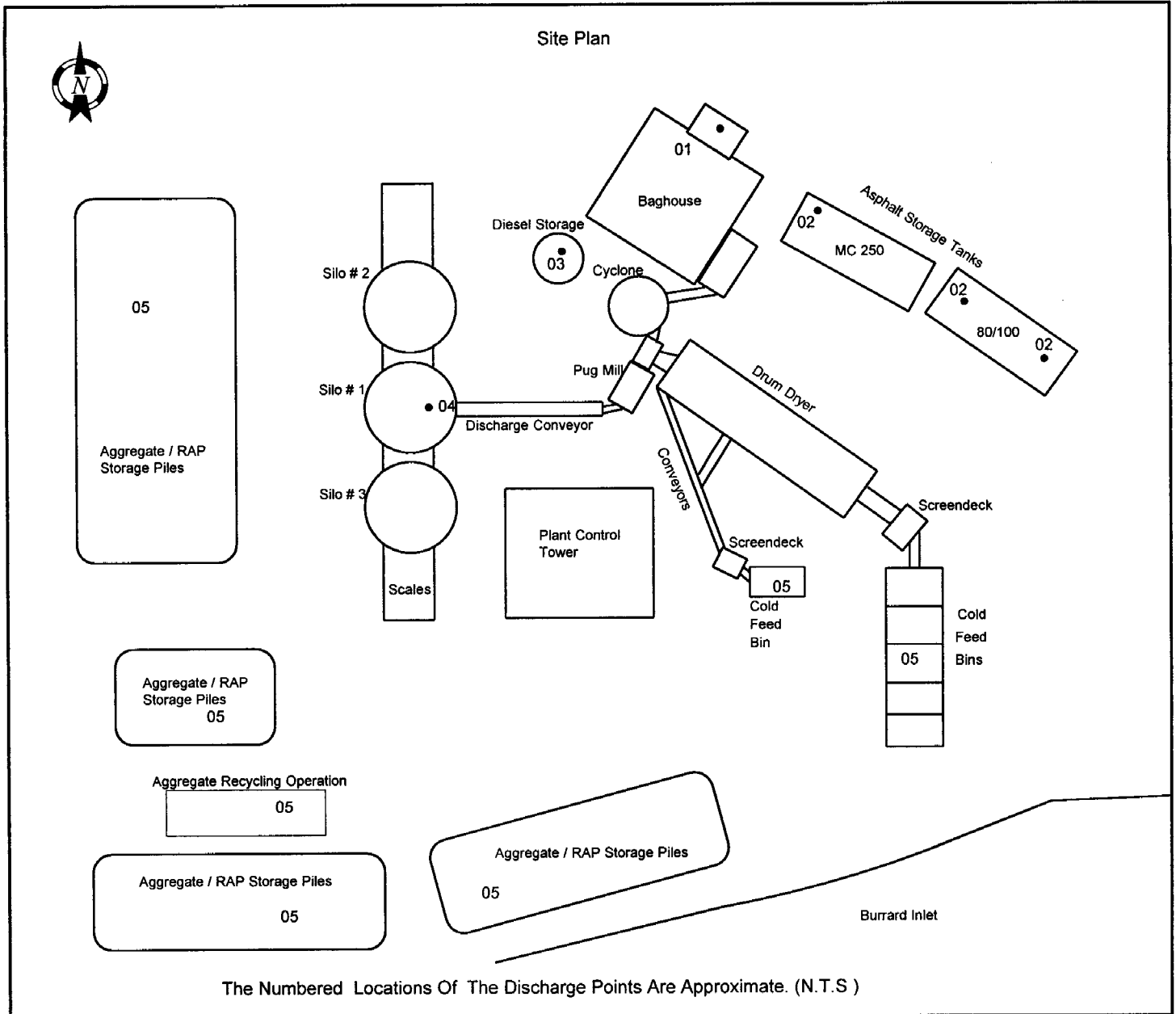
Schedule F.....Authorized Discharge Criteria

Schedule G.....Authorized Works and Procedures

Schedule H.....Record of Permit Issuance Dates

Schedule I.....Glossary

SCHEDULE A - Page 1
to PERMIT GVA0242



December 14, 2001

Robert S. Smith

ASSISTANT DISTRICT DIRECTOR

Schedule A to Permit No. GVA0242

GREATER VANCOUVER REGIONAL DISTRICT

**SCHEDULE B - Page 1
to PERMIT GVA0242**

A OBJECTIVES AND AMENDMENTS

Ambient air quality guidelines and objectives are prescribed under provisions of applicable legislation. If the level of air quality as prescribed by these criteria is exceeded, the conditions of this Permit may be revised, in order that the desired air quality can be maintained. This Permit may also be amended for other reasons, as authorized by applicable legislation.

B MAINTENANCE AND OPERATION OF WORKS

Works and procedures, which this Permit authorizes to control the discharge of air contaminants, shall be employed during all operating periods of the related facilities. The Permittee shall regularly inspect and maintain all such works in good repair.

C EMERGENCY PROCEDURES

An emergency or other condition may prevent the continuous utilization of the above authorized works and procedures, or may result in a discharge of air contaminants which is not authorized by this Permit. If such a situation occurs, the Permittee shall report the circumstances of this event to the Greater Vancouver Regional District, Policy and Planning Department at 604-436-6777 (24 hours), at the first available opportunity.

No discharge that has bypassed control works is authorized unless the District Director's approval has been obtained. In the event of an emergency, bypassing facilities may be used for such periods as are necessary to effect a shutdown of the related processes.

D AIR CONDITIONING, HEATING AND VENTILATION SYSTEMS

Air contaminants discharged from any natural gas-fired air conditioning, heating or ventilation systems for buildings located at the discharge site are not specified in this Permit. These works shall be maintained and operated in a manner prescribed by the manufacturer to ensure good combustion of the fuel with minimum discharge of air contaminants. Notwithstanding the above, the District Director may at his discretion stipulate limits for emission of contaminants from these sources in the Permit at a future date under provisions of the Bylaw.

E GENERAL SITE RESTRICTIONS

No air contaminant(s) from any single source, or combination of sources shall pass the boundary of the property, described in Section I of this Schedule B, such that the District Director determines that pollution has occurred.



ASSISTANT DISTRICT DIRECTOR
PERMIT NUMBER GVA0242

SCHEDULE B - Page 2
to PERMIT GVA0242

F INTERNAL COMBUSTION ENGINES

Air contaminants discharged from any natural gas, propane, gasoline, diesel, or other fossil fuel fired internal combustion engines operated at the discharge site may not be specifically authorized in this Permit. These works shall be maintained and operated in a manner prescribed by the manufacturer to ensure good combustion of the fuel and to minimize emissions such that the requirements of Section E of this Schedule B are not exceeded. The District Director may at his discretion stipulate further limits for emission of contaminants from these sources in the Permit at a future date under provisions of the Bylaw.


G ENGINEERING UNITS

The engineering units specified in this Permit are in accordance with the Metric System of measure. Approximate equivalent values for the British System can be calculated using the following conversion factors.

$\text{mg/m}^3 \times 0.000437 = \text{gr/cf}$
 $\text{m}^3/\text{min} \times 35.3 = \text{cf/min}$
 $\text{kg/m}^3 \times 0.0624 = \text{lbs/cf}$
 $\text{kg/L} \times 10.0 = \text{lbs/gal}$
 $\text{mg/m}^3 \times 24.0/\text{M} = \text{ppm (by volume)}$
 $\text{GJ/h} \times 0.9478 = \text{MMBTU/h}$

where

m^3 = cubic metre
 mg = milligram
 s = second
 kg = kilogram
 L = litre
 gr = grain
 GJ = GigaJoule
 h = hour
 MMBTU = Million British Thermal Unit
 ppm = parts per million
 M = molecular weight
 gal = gallon
 lbs = pounds
 cf = cubic feet
 min = minute


ASSISTANT DISTRICT DIRECTOR
PERMIT NUMBER GVA0242

GREATER VANCOUVER REGIONAL DISTRICT

**SCHEDULE B - Page 3
to PERMIT GVA0242**

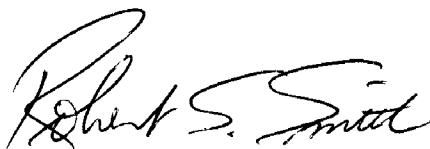
H STANDARD CONDITIONS AND DEFINITIONS

Except where otherwise indicated, the following standard conditions and definitions apply to this Permit.

1. The Restrictions in the attached Schedules are maximum limits.
2. The authorized maximum rates of discharge described in Schedule E are corrected to dry standard conditions of 20° Celsius and 760 mm Mercury.
3. The authorized maximum discharge criteria described in Schedule F for the Asphalt plant (Emission 01) are corrected to 16% oxygen and dry conditions of 20° Celsius and 760 mm Mercury. The authorized maximum discharge criteria described in Schedule F for all other sources are corrected to dry standard conditions of 20° Celsius and 760 mm Mercury.
4. Opacity is measured at the point of maximum density, nearest the discharge point.
5. Opacity measurements exclude the effect of condensed, uncombined water droplets.
6. Definitions in the Waste Management Act and GVRD Air Quality Management Bylaw No. 937, 1999 apply to terminology used in this Permit.
7. Threshold Limit Values (TLV) refer to the Time Weighted Average (TWA) exposure limits for substances specified in the American Conference of Governmental Industrial Hygienists Threshold Limit Values handbook for the year 2001.
8. Any production, storage, transportation, handling, treatment, processing or ownership of a special waste must comply with the requirements of the Waste Management Act, Special Waste Regulation.

I DESCRIPTION OF DISCHARGE SITE

The land from which the air contaminants are discharged is described as "That certain property some 135,092 sq. ft. in total area fronting the remainder of Block 'D', D.L. 193, Burrard Inlet, Vancouver Harbour comprising a land area of 123,941 sq. ft. and a reclaimed land area of 11,151 sq. ft."


ASSISTANT DISTRICT DIRECTOR
PERMIT NUMBER GVA0242

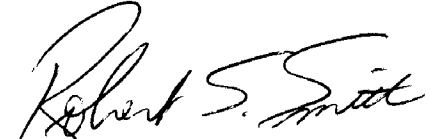
GREATER VANCOUVER REGIONAL DISTRICT

**SCHEDULE C - Page 1
to PERMIT GVA0242**

This Schedule describes emission monitoring, sampling and reporting requirements.

The Permittee shall conduct the following monitoring and sampling program on the discharges and submit the results to the District Director. The need for increased or decreased monitoring may be reviewed periodically by the District Director.

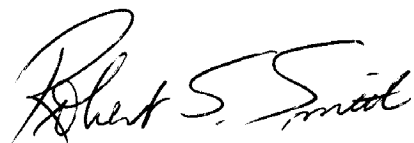
EMISSION NUMBER	DUE DATES	REQUIREMENTS
1	March 31, 2002 and annually thereafter	Written report detailing the total number of hours and days operated within the GVRD during the preceding calendar year. Records are to be maintained in a written bound log or other format approved by the District Director, and made available for inspection, by Policy and Planning staff for a minimum of three years.
1	March 31, 2002 and annually thereafter	Written report detailing the types and amounts of fuel burned in the preceding calendar year.
1	March 31, 2002 and annually thereafter	Written report indicating inspection frequency, bag condition and action taken or proposed to solve any problems detected for the baghouses described in Schedule G of this Permit.
1	March 31, 2002	Written report detailing the method proposed for continuously monitoring and recording the operating period. This report shall include specifications for the proposed equipment, specify the location proposed for installation of the recording equipment, and detail the recording and reporting format to be used.


ASSISTANT DISTRICT DIRECTOR
PERMIT NUMBER GVA0242

GREATER VANCOUVER REGIONAL DISTRICT

**SCHEDULE C - Page 2
to PERMIT GVA0242**

EMISSION NUMBER	DUE DATES	REQUIREMENTS
1	August 31, 2002 and annually thereafter	<p>The measured discharge rate and concentration of particulate matter, organics and carbon monoxide in the emissions. The production rate (tonnes per hour) at the time of testing shall be recorded as well as the utilization rate (percentage) of recycled asphalt material (RAP). The production rate at which testing occurs shall be considered 80% of the maximum allowable production rate and the utilization of RAP shall be considered the maximum allowable utilization rate. The final mix temperature (°C) shall also be recorded.</p> <p>These rates may be exceeded for the purposes of conducting compliance testing.</p>
2, 3	March 31, 2002 and annually thereafter	<p>Written report detailing the organic storage tank capacity, the material stored and the annual throughput for each tank for the preceding calendar year.</p>
General	March 31, 2002 and annually thereafter	<p>Written report detailing the types and amounts of principal products produced and principal raw materials used in the preceding calendar year.</p>



ASSISTANT DISTRICT DIRECTOR
PERMIT NUMBER GVA0242

GREATER VANCOUVER REGIONAL DISTRICT

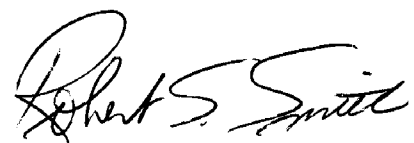
**SCHEDULE C - Page 3
to PERMIT GVA0242**

Unless otherwise approved by the District Director prior to any sampling or analysis, all emission measurements shall be performed by an independent agency in accordance with those procedures described in the most recent amendment of the "GVRD Stationary Emission Testing Requirements" manual issued on November 1994.

The Permittee shall provide the Greater Vancouver Regional District, Policy and Planning Department with a minimum of three days advance notification before emission measurements are conducted for the purpose of complying with Permit requirements. All field data and calculations collected for all testing conducted in accordance with such compliance determination must be submitted to the District Director. Monitoring results shall be reported in the metric units which are used in this Permit to specify the authorized discharge criteria. These submissions shall include the production rate at the time of the test, and all field data and calculations.

Any variance from these procedures must receive prior approval from the District Director.

Ambient air sampling and monitoring shall be undertaken by the Permittee, when required by the District Director.



ASSISTANT DISTRICT DIRECTOR
PERMIT NUMBER GVA0242

GREATER VANCOUVER REGIONAL DISTRICT

**SCHEDULE D - Page 1
to PERMIT GVA0242**

The authorized emission sources and discharge points located approximately as shown on Schedule A are:

EMISSION NUMBER	EMISSION SOURCE	DISCHARGE POINT
1	Continuous mix asphalt plant and three finished product asphalt storage silos	Baghouse Exhaust(s)
2	Two asphalt storage tanks (25,000 gallons and 10,000 gallons each)	Vent(s)
3	One 2,000 gallon #2 fuel oil storage tank	Vent(s)
4	Finished product asphalt conveyor	Conveyor inlet
5	Aggregate and recycled asphalt feed bins, aggregate and recycled asphalt storage piles	Aggregate storage area



ASSISTANT DISTRICT DIRECTOR
PERMIT NUMBER GVA0242

GREATER VANCOUVER REGIONAL DISTRICT

**SCHEDULE E - Page 1
to PERMIT GVA0242**

The authorized rates of discharge for the emission sources described in Schedule D are:

EMISSION NUMBER	MAXIMUM AUTHORIZED RATE OF DISCHARGE			NOTES & ADDITIONAL REQUIREMENTS
	FLOW m ³ /min	DURATION hours/day	FREQUENCY days/week	
1	640	24	7	Not to exceed 2496 hours per annum.
2	See notes	24	7	The authorized rate of discharge is that resulting from vapour discharge during tank filling and breathing.
3	See notes	24	7	The authorized rate of discharge is that resulting from vapour discharge during tank filling and breathing.
4	See notes	24	7	The authorized rate of discharge is that resulting from vapour venting during the conveying of finished asphalt product to the storage silos.
5	See notes	24	7	The authorized rate of discharge is that resulting from the transfer and reclaiming operations as well as stock pile wind erosion effects.

GREATER VANCOUVER REGIONAL DISTRICT

**SCHEDULE F - Page 1
to PERMIT GVA0242**

The authorized maximum discharge criteria for emission sources described in Schedule D are:

EMISSION NUMBER	PARAMETER	RESTRICTION	NOTES
1	Carbon Monoxide	200 mg/m3	
1	Organics	60 mg/m3	One hour average. Expressed as methane.
1	Particulate Matter	90 mg/m3	
5	Opacity	20%	Based on a six minute average.
1	Opacity	10%	Based on a six minute average. Not to exceed 30% opacity at any time.
1, 2, 3, 4	Odour	See notes	None past the plant boundary such that the District Director determines that pollution has occurred.
1	Combustion Products	See notes	Typical products of natural gas or low sulphur #2 fuel oil (or lighter distillate - not to exceed 0.05% sulphur by weight) combustion at a maximum firing rate of 78.8 GJ/h.
5	Particulate Matter	See notes	None past the plant boundary such that the District Director determines that pollution has occurred.

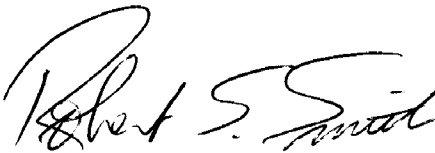
GREATER VANCOUVER REGIONAL DISTRICT

**SCHEDULE G - Page 1
to PERMIT GVA0242**

The authorized works and procedures to control the discharge of air contaminants from the emission sources described in Schedule D are indicated below. The District Director may require that further works be installed, if the existing works, in his opinion, do not provide an acceptable level of emission control. New works or alterations to existing works must be approved, in principle, by the District Director.

Where the District Director has specified that additional works are required, the maximum discharge criteria described in Schedule F of this Permit are applicable as specified by the Completion Date(s) listed below. Prior to the specified date(s) the existing control works and procedures must be maintained in good operating condition and operated in a manner to minimize emissions.

EMISSION NUMBER	COMPLETION DATE	DESCRIPTION OF WORKS/PROCEDURES
3, 4, 5	Completed	Good operating practices.
2	Completed	The asphalt storage tanks shall be operated at a maximum temperature of 150°C together with good operating practices.
1	Completed	The existing cyclone, baghouse, blue smoke recovery system and related appurtenances together with good operating practices. The firing of the asphalt drum burner with natural gas or low sulphur #2 fuel oil (or lighter distillate - not to exceed 0.05% sulphur by weight), using good combustion practices and operating procedures. Emissions from the finished product storage silos shall be collected and ducted under negative pressure from the top of the silo to the combustion air intake of the drum mix asphalt plant using good operating practices. The finished asphalt product shall not exceed a maximum temperature of 180°C.


ASSISTANT DISTRICT DIRECTOR
PERMIT NUMBER GVA0242

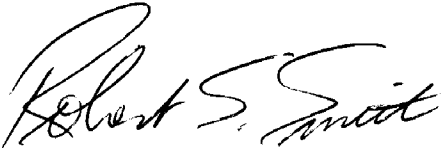
GREATER VANCOUVER REGIONAL DISTRICT

**SCHEDULE H - Page 1
to PERMIT GVA0242**

RECORD OF PERMIT ISSUANCE

DATE	ACTION	SECTIONS AFFECTED
November 23, 1992	ISSUANCE	Face, Schedules A, B, C, D, E, F, G & H
December 14, 2001	AMENDMENT	Face, Schedules A, B, C, D, E, F, G, H & I

December 14, 2001


ASSISTANT DISTRICT DIRECTOR
PERMIT NUMBER GVA0242

GREATER VANCOUVER REGIONAL DISTRICT

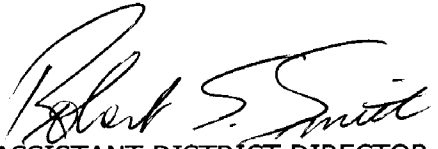
**SCHEDULE I - Page 1
to PERMIT GVA0242**

ABBREVIATION

No defined abbreviations

DESCRIPTION

December 14, 2001


ASSISTANT DISTRICT DIRECTOR
PERMIT NUMBER GVA0242