

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT --RENEWAL

PERMITTEE

Seneca Petroleum Company, Inc.
Attn: Daryl Brown
13301 South Cicero Avenue
Crestwood, Illinois 60445

<u>Application No.:</u> 02120011	<u>I. D. No.:</u> 197803AAB
<u>Applicant's Designation:</u>	<u>Date Received:</u> July 14, 2009
<u>Subject:</u> Asphalt Storage and Processing Facility	
<u>Date Issued:</u>	<u>Expiration Date:</u>
<u>Location:</u> Seneca Petroleum - Lemont Terminal, 12460 South New Avenue, Lemont, Will County	

Permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of:

- Thirty-seven (37) Asphalt Storage Tanks (Tank 5: 42,068 Gallons, Tank 6: 128,425 Gallons, Tank 8: 128,685 Gallons, Tank 12: 30,839 Gallons, Tank 14: 67,753 Gallons, Tank 19: 54,885 Gallons, Tank 20: 182,318 Gallons, Tank 25: 93,523 Gallons, Tank 26: 105,572 Gallons, Tank 27: 588,685 Gallons, Tank 28: 507,457 Gallons, Tank 29: 215,733 Gallons, Tank 30: 128,807 Gallons, Tank 31: 252,414 Gallons, Tank 32: 272,224 Gallons, Tank 33: 271,984 Gallons, Tank 34: 509,430 Gallons, Tank 35: 36,757 Gallons, Tank 36: 36,759 Gallons, Tank 37: 36,768 Gallons, Tank 38: 381,563 Gallons, Tank 39: 382,450 Gallons, Tank 40: 381,374 Gallons, Tank 43: 32,131 Gallons, Tank 44: 43,684 Gallons, Tank #45: 19,388 Gallons, Tank 101: 35,502 Gallons, Tank 102: 35,502 Gallons, Tank 103: 35,502 Gallons, Tank 104: 35,502 Gallons, Tank 106: 35,502 Gallons, Tank 207: 158,112 Gallons, Tank 208: 158,112 Gallons, Tank 209: 158,112 Gallons, Tank 210: 158,112 Gallons, Tank M-1: 3,760 Gallons, and Tank M-2: 3,760 Gallons);
- Seven (7) Asphalt Emulsion Storage Tanks (Tank 9: 19,975 Gallons, Tank 10: 31,077 Gallons, Tank 15: 20,728 Gallons, Tank 16: 20,728 Gallons, Tank 17: 20,728 Gallons, Tank 21: 70,762 Gallons and Tank 46: 60,096 Gallons);
- Seven (7) Cut Back Asphalt Storage Tank (Tank 7: 128,876 Gallons, Tank 11: 30,839 Gallons, Tank 22: 70,762 Gallons, Tank 23: 68,326 Gallons, Tank 24: 68,303 Gallons, Tank 41: 23,320 Gallons, and Tank 42: 23,374 Gallons);
- Nine (9) General Use Storage Tanks (Tank E-1: 10,364 Gallons, Tank E-2: 10,364 Gallons, Tank 4-A: 18,699 Gallons, Tank 4-B: 9,764 Gallons, Tank 4-C: 9,764 Gallons, Tank 4-D: 21,326 Gallons, Tank 105: 12,199 Gallons, Tank 13: 47,002 Gallons, and Tank 18: 13,454 Gallons);
- One (1) ground tire rubber (GTR) asphalt system comprised of one (1) 15,229 Gallon asphalt cement/GTR mixing tank and five (5) GTR product storage tanks (Tank #3: 33,623 Gallons, Tank #311: 158,112 Gallons, Tank 312: 50,903 Gallons, Tank 313: 86,906 Gallons, and Tank 314: 122,251 Gallons) controlled by fiber filter and carbon adsorber and one (1) GTR conveyor;

Eleven (11) truck and railcar loading stations; and
Four (4) Natural Gas-Fired Asphalt Heaters (Heater No. 3: 11.2 mmBtu/hr,
Heater No. 4: 11.2 mmBtu/hr, Heater No. 5: 16.8 mmBtu/hr, Hot oil
heater: 6.0 mmBtu/hr)

pursuant to the above-referenced application. This Permit is subject to
standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued:
 - i. To limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 100 tons/year for Volatile Organic Material (VOM), 10 tons/year for any single Hazardous Air Pollutant (HAP) and 25 tons/year for any combination of such HAPs). As a result, the source is excluded from the requirements to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit are described in Attachment A.
 - ii. To establish federally enforceable production and operating limitations, which restrict the potential to emit to less than 10 tons/year for any individual Hazardous Air Pollutant (HAP), and 25 tons/year of any combination of such HAPs so that the source is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Asphalt Processing and Asphalt Roofing Manufacturing, 40 CFR 63 Subpart LLLLLL.
 - iii. To limit the potential emissions of VOM from the source to less than 25 tons/year. As a result, the source is excluded from the requirement of 35 Ill. Adm. Code Part 205, Emission Reduction Market System. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
 - iv. To establish federally enforceable production and operating limitations, which restrict the potential to emit for VOM to less than 25 tons per year so that the source is not subject to the requirements of 35 Ill. Adm. Code Part 218 Subpart QQ (Miscellaneous Formulation Manufacturing Process) and 35 Ill. Adm. Code Part 218 Subpart TT (Other Emission Units).
- b. For purposes of this FESOP, Seneca Petroleum - Lemont Terminal is considered a single source with Korall Corporation - Lemont Marine Facility, I.D. No. 197803ABD, located at 305 South New Avenue, Lemont. The source has elected to obtain separate FESOPs for these locations.
- c. Prior to issuance a draft of this permit has undergone a public notice and comment period.
- d. This permit supersedes all operating permit(s) for this location.

- 2a. Pursuant to 35 Ill. Adm. Code 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to 35 Ill. Adm. Code 212.122.
- b. Pursuant to 35 Ill. Adm. Code 212.123(b), the emission of smoke or other particulate matter from any such emission unit may have an opacity greater than 30 percent but not greater than 60 percent for a period or periods aggregating 8 minutes in any 60 minute period provided that such opaque emissions permitted during any 60 minute period shall occur from only one such emission unit located within a 305 m (1000 ft) radius from the center point of any other such emission unit owned or operated by such person, and provided further that such opaque emissions permitted from each such emission unit shall be limited to 3 times in any 24 hour period.
- c. Pursuant to 35 Ill. Adm. Code 212.301, no person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally toward the zenith at a point beyond the property line of the source.
- d. Pursuant to 35 Ill. Adm. Code 212.306, all normal traffic pattern access areas surrounding storage piles specified in 35 Ill. Adm. Code 212.304 and all normal traffic pattern roads and parking facilities which are located on mining or manufacturing property shall be paved or treated with water, oils or chemical dust suppressants. All paved areas shall be cleaned on a regular basis. All areas treated with water, oils or chemical dust suppressants shall have the treatment applied on a regular basis, as needed, in accordance with the operating program required by 35 Ill. Adm. Code 212.309, 212.310 and 212.312.
- e. Pursuant to 35 Ill. Adm. Code 212.307, all unloading and transporting operations of materials collected by pollution control equipment shall be enclosed or shall utilize spraying, pelletizing, screw conveying or other equivalent methods.
- f. Pursuant to 35 Ill. Adm. Code 212.308, crushers, grinding mills, screening operations, bucket elevators, conveyor transfer points, conveyors, bagging operations, storage bins and fine product truck and railcar loading operations shall be sprayed with water or a surfactant solution, utilize choke-feeding or be treated by an equivalent method in accordance with an operating program.
- g. Pursuant to 35 Ill. Adm. Code 212.309(a), the emission units described in 35 Ill. Adm. Code 212.304 through 212.308 and 35 Ill. Adm. Code 212.316 shall be operated under the provisions of an operating program, consistent with the requirements set forth in 35 Ill. Adm. Code 212.310 and 212.312, and prepared by the owner or operator and submitted to the Illinois EPA for its review. Such operating program shall be designed to significantly reduce fugitive particulate matter emissions.

- h. Pursuant to 35 Ill. Adm. Code 212.310, as a minimum the operating program shall include the following:
 - i. The name and address of the source;
 - ii. The name and address of the owner or operator responsible for execution of the operating program;
 - iii. A map or diagram of the source showing approximate locations of storage piles, conveyor loading operations, normal traffic pattern access areas surrounding storage piles and all normal traffic patterns within the source;
 - iv. Location of unloading and transporting operations with pollution control equipment;
 - v. A detailed description of the best management practices utilized to achieve compliance with 35 Ill. Adm. Code 212 Subpart K, including an engineering specification of particulate collection equipment, application systems for water, oil, chemicals and dust suppressants utilized and equivalent methods utilized;
 - vi. Estimated frequency of application of dust suppressants by location of materials; and
 - vii. Such other information as may be necessary to facilitate the Illinois EPA's review of the operating program.
- i. Pursuant to 35 Ill. Adm. Code 212.312, the operating program shall be amended from time to time by the owner or operator so that the operating program is current. Such amendments shall be consistent with 35 Ill. Adm. Code 212 Subpart K and shall be submitted to the Illinois EPA for its review.
- j. Pursuant to 35 Ill. Adm. Code 212.321(a), no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in 35 Ill. Adm. Code 212.321(c).
- 3. Pursuant to 35 Ill. Adm. Code 216.121, no person shall cause or allow the emission of carbon monoxide (CO) into the atmosphere from any fuel combustion emission source with actual heat input greater than 2.9 MW (10 mmBtu/hr) to exceed 200 ppm, corrected to 50 percent excess air.
- 4a. Pursuant to 35 Ill. Adm. Code 218.122(a), no person shall cause or allow the discharge of more than 3.6 kg/hr (8 lbs/hr) of organic material into the atmosphere during the loading of any organic material from the aggregate loading pipes of any loading area having through-put of greater than 151 cubic meters per day (40,000 gal/day) into any

railroad tank car, tank truck or trailer unless such loading area is equipped with submerged loading pipes or a device that is equally effective in controlling emissions and is approved by the Illinois EPA according to the provisions of 35 Ill. Adm. Code 201, and further processed consistent with 35 Ill. Adm. Code 218.108.

- b. Pursuant to 35 Ill. Adm. Code 218.122(b), no person shall cause or allow the loading of any organic material into any stationary tank having a storage capacity of greater than 946 l (250 gal), unless such tank is equipped with a permanent submerged loading pipe or an equivalent device approved by the Illinois EPA according to the provisions of 35 Ill. Adm. Code 201 or unless such tank is a pressure tank as described in 35 Ill. Adm. Code 218.121(a) or is fitted with a recovery system as described in 35 Ill. Adm. Code 218.121(b)(2).
- c. Pursuant to 35 Ill. Adm. Code 218.301, no person shall cause or allow the discharge of more than 3.6 kg/hour (8 lbs/hour) of organic material into the atmosphere from any emission unit, except as provided in 35 Ill. Adm. Code 218.302, 218.303, or 218.304 and the following exception: If no odor nuisance exists the limitation of 35 Ill. Adm. Code 218 Subpart G shall only apply to photochemically reactive material.
- d. Pursuant to 35 Ill. Adm. Code 218.302(b), emissions of organic material in excess of those permitted by 35 Ill. Adm. Code 218.301 are allowable if such emissions are controlled by a vapor recovery system which adsorbs and/or condenses at least 85 percent of the total uncontrolled organic material that would otherwise be emitted to the atmosphere.
5. This permit is issued based on storage tanks at this source not being subject to New Source Performance Standards (NSPS) for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984, 40 CFR 60 Subpart Kb. Pursuant to 40 CFR 60.110b(b), 40 CFR 60 Subpart Kb does not apply to storage vessels with a capacity greater than or equal to 151 m³ storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa) or with a capacity greater than or equal to 75 m³ but less than 151 m³ storing a liquid with a maximum true vapor pressure less than 15.0 kPa.
6. This permit is issued based on the source not being subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing, 40 CFR 63 Subparts A and AAAAAAA. This is a result of the source not performing an asphalt processing operation or asphalt roofing manufacturing operation.
7. Pursuant to 35 Ill. Adm. Code 212.314, 35 Ill. Adm. Code 212.301 shall not apply and spraying pursuant to 35 Ill. Adm. Code 212.304 through 212.310 and 35 Ill. Adm. Code 212.312 shall not be required when the wind speed is greater than 40.2 km/hr (25 mph). Determination of wind speed for the purposes of this rule shall be by a one-hour average or hourly recorded value at the nearest official station of the U.S. Weather Bureau or by wind speed instruments operated on the site. In

cases where the duration of operations subject to this rule is less than one hour, wind speed may be averaged over the duration of the operations on the basis of on-site wind speed instrument measurements.

- 8a. This permit is issued based on the storage tanks at this source not being subject to 35 Ill. Adm. Code 218.120, Control Requirements for Storage Containers for VOL. Pursuant to 35 Ill. Adm. Code 218.119(a), the limitations of 35 Ill. Adm. Code 218.120 shall apply to all storage containers of volatile organic liquid (VOL) with a maximum true vapor pressure of 0.5 psia or greater in any stationary tank, reservoir, or other container of 151 cubic meters (40,000 gal) capacity or greater, except to vessels a capacity greater than or equal to 40,000 gallons storing a liquid with a maximum true pressure of less than 0.5 psia.
 - b. Pursuant to 35 Ill. Adm. Code 218.122(c), if no odor nuisance exists the limitations of this 35 Ill. Adm. Code 218.122 shall only apply to the loading of volatile organic liquid with a vapor pressure of 17.24 kPa (2.5 psia) or greater at 294.3°K (70°F).
 - c. Pursuant to 35 Ill. Adm. Code 218.123(a)(6), the requirements of 35 Ill. Adm. Code 218.123(b) shall not apply to any stationary storage tank in which volatile petroleum liquid is not stored.
- 9a. In the event that the operation of this source results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
 - b. The Permittee shall, in accordance with the manufacturer(s) and/or vendor(s) recommendations, perform periodic maintenance on the fiber filter and carbon adsorber such that the fiber filter and carbon adsorber are kept in proper working condition and not cause a violation of the Illinois Environmental Protection Act or regulations promulgated therein.
 - c. The storage tanks at this source with a capacity greater than 39889.98 gallons (151 m³) shall only be used to store volatile organic liquids with a vapor pressure not to exceed 0.5 psi (3.5 kPa). The storage of any volatile organic liquid with a vapor pressure greater than 0.5 psi in a tank with a capacity greater than 39889.98 gallons (151 m³) requires that the Permittee first obtain a construction permit from the Illinois EPA and may require performance testing to verify compliance with all applicable requirements.
 - d. The Asphalt Heaters shall only be operated with natural gas as the fuel. The use of any other fuel in the Asphalt Heaters requires that the Permittee first obtain a construction permit from the Illinois EPA and then perform stack testing to verify compliance with all applicable requirements.
- 10a. Operation and VOM emission of the source shall not exceed the following limits:

Process	Throughput		VOM Emissions	
	(mmgal/mo)	(mmgal/yr)	(tons/mo)	(tons/yr)
<u>Asphalt Operations:</u>				
Storage Tanks	16.0	160	1.06	10.6
Truck and Railcar Unloading	14.0	140	0.05	0.5
<u>Cutback/Emulsion Asphalt Operations</u>				
Storage Tanks	1.10	11.0	0.52	5.2
Truck and railcar Unloading	0.60	6.0	0.01	0.1
			Total	16.4

These limits are based on the maximum throughput and maximum VOM emissions calculated using standard emission factors and formulas (Section 7.1, AP-42, Fifth Edition, Volume I, November 2006 or TANKS Emissions Estimation Software, Version 4.09D, October 5, 2006 for breathing and working losses from the storage tanks and Section 5.2, AP-42, Fifth Edition, Volume I, July 2008 for truck and railcar unloading operations).

- b. This permit is issued based on negligible emissions of particulate matter (PM) from the ground tire rubber (GTR) conveyor and asphalt mixing system. For this purpose emission shall not exceed nominal emission rate of 0.1 lb/hour and 0.44 ton/year.
- c. This permit is issued based on negligible emissions VOM from storage tanks E-1, E-2, 4-A, 4-B, 4-C, 4-D, 13, and 18. For this purpose, emissions from all these tanks shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/year (combined).
- d. Operation and emissions of the four asphalt heaters (combined) shall not exceed the following limits:
 - i. Natural Gas Usage: 25 mmscf/mo and 270 mmscf/yr
 - ii. Emissions from the combustion of natural gas:

<u>Pollutant</u>	<u>Emission Factor</u> (lb/mmscf)	<u>Emissions</u>	
		(Ton/Mo)	(Ton/Yr)
Carbon Monoxide (CO)	84	1.1	11.3
Nitrogen Oxides (NO _x)	100	1.3	13.5
Particulate Matter (PM)	7.6	0.1	1.0
Sulfur Dioxide (SO ₂)	0.6	0.01	0.01
Volatile Organic Materials (VOM)	5.5	0.07	0.7

These limits are based on the maximum fuel usage and standard emission factors (Tables 1.4-1 and 1.4-2, AP-42, Fifth Edition, Volume I, Supplement D, July 1998).

- e. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act from this source shall not exceed 0.64 tons/month and 6.39 tons/year of any single HAP and 1.75 tons/month and 17.54 tons/year of any combination of such HAPs. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirements to obtain a CAAPP permit from the Illinois EPA and the NESHAP for Asphalt Processing and Asphalt Roofing Manufacturing, 40 CFR 63 Subpart LLLLLL.
 - f. Compliance with the annual limits of this permit shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).
- 11a. Pursuant to 35 Ill. Adm. Code 201.282, every emission source or air pollution control equipment shall be subject to the following testing requirements for the purpose of determining the nature and quantities of specified air contaminant emissions and for the purpose of determining ground level and ambient air concentrations of such air contaminants:
- i. Testing by Owner or Operator. The Illinois EPA may require the owner or operator of the emission source or air pollution control equipment to conduct such tests in accordance with procedures adopted by the Illinois EPA, at such reasonable times as may be specified by the Illinois EPA and at the expense of the owner or operator of the emission source or air pollution control equipment. The Illinois EPA may adopt procedures detailing methods of testing and formats for reporting results of testing. Such procedures and revisions thereto, shall not become effective until filed with the Secretary of State, as required by the APA Act. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of air pollution testing. The Illinois EPA shall have the right to observe all aspects of such tests.
 - ii. Testing by the Illinois EPA. The Illinois EPA shall have the right to conduct such tests at any time at its own expense. Upon request of the Illinois EPA, the owner or operator of the emission source or air pollution control equipment shall provide, without charge to the Illinois EPA, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary.
- b. Testing required by Condition 13 shall be performed upon a written request from the Illinois EPA by a qualified independent testing service.
12. Pursuant to 35 Ill. Adm. Code 212.110(c), upon a written notification by the Illinois EPA, the owner or operator of a particulate matter emission unit subject to 35 Ill. Adm. Code Part 212 shall conduct the applicable testing for particulate matter emissions, opacity, or visible emissions at such person's own expense, to demonstrate compliance. Such test results shall be submitted to the Illinois EPA

within thirty (30) days after conducting the test unless an alternative time for submittal is agreed to by the Illinois EPA.

13. Pursuant to 35 Ill. Adm. Code 218.105(d)(2)(A)(iii), an owner or operator that uses an afterburner or carbon adsorber to comply with any Section of 35 Ill. Adm. Code Part 218 shall use Illinois EPA and USEPA approved continuous monitoring equipment which is installed, calibrated, maintained, and operated according to vendor specifications at all times the control device is in use except as provided in 35 Ill. Adm. Code 218.105(d)(3). The continuous monitoring equipment must monitor for each carbon adsorber, the VOM concentration of each carbon adsorption bed exhaust or the exhaust of the bed next in sequence to be desorbed.
14. Pursuant to 40 CFR 63.10(b)(3), if an owner or operator determines that his or her stationary source that emits (or has the potential to emit, without considering controls) one or more hazardous air pollutants regulated by any standard established pursuant to section 112(d) or (f) of the Clean Air Act, and that stationary source is in the source category regulated by the relevant standard, but that source is not subject to the relevant standard (or other requirement established under 40 CFR Part 63) because of limitations on the source's potential to emit or an exclusion, the owner or operator must keep a record of the applicability determination on site at the source for a period of 5 years after the determination, or until the source changes its operations to become an affected source, whichever comes first. The record of the applicability determination must be signed by the person making the determination and include an analysis (or other information) that demonstrates why the owner or operator believes the source is unaffected (e.g., because the source is an area source). The analysis (or other information) must be sufficiently detailed to allow the USEPA and/or Illinois EPA to make a finding about the source's applicability status with regard to the relevant standard or other requirement. If relevant, the analysis must be performed in accordance with requirements established in relevant subparts of 40 CFR Part 63 for this purpose for particular categories of stationary sources. If relevant, the analysis should be performed in accordance with USEPA guidance materials published to assist sources in making applicability determinations under Section 112 of the Clean Air Act, if any. The requirements to determine applicability of a standard under 40 CFR 63.1(b)(3) and to record the results of that determination under 40 CFR 63.10(b)(3) shall not by themselves create an obligation for the owner or operator to obtain a Title V permit.
15. Pursuant to 35 Ill. Adm. Code 212.110(e), the owner or operator of an emission unit subject to 35 Ill. Adm. Code Part 212 shall retain records of all tests which are performed. These records shall be retained for at least three (3) years after the date a test is performed.
16. Pursuant to 35 Ill. Adm. Code 218.129(f), the owner or operator of each storage vessel specified in 35 Ill. Adm. Code 218.119 shall maintain readily accessible records of the dimension of the storage vessel and

an analysis of the capacity of the storage vessel. Each storage vessel with a design capacity less than 40,000 gallons is subject to no provisions of 35 Ill. Adm. Code Part 218 other than those required by maintaining readily accessible records of the dimensions of the storage vessel and analysis of the capacity of the storage vessel.

- 17a. The Permittee shall maintain records of the following items so as to demonstrate compliance with the conditions of this permit:
 - i. Records addressing use of good operating practices for the fiber filter and carbon adsorber:
 - A. Records for periodic inspection of the fiber filter and carbon adsorber with date, individual performing the inspection, and nature of inspection; and
 - B. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.
 - ii. For each storage tank:
 - A. Names and identification number of materials transferred and/or stored;
 - B. Material throughput (gal/mo, gal/yr);
 - C. Daily material temperature.
 - iii. For each tank truck/railcar unloading transfer:
 - A. Names and identification number of materials transferred;
 - B. Material throughput (gal/mo, gal/yr);
 - C. Material temperature during transfer;
 - iv. Natural gas usage (mmscf/mo, mmscf/yr);
 - v. Monthly and annual emissions of CO, NO_x, PM, SO₂, VOM and HAPs from the source with supporting calculations (ton/mo, ton/yr).
 - b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least five (5) years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer storage device) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to Illinois EPA or USEPA request for records during the course of a source inspection.
18. Pursuant to 35 Ill. Adm. Code 212.110(d), a person planning to conduct testing for particulate matter emissions to demonstrate compliance

shall give written notice to the Illinois EPA of that intent. Such notification shall be given at least thirty (30) days prior to the initiation of the test unless a shorter period is agreed to by the Illinois EPA. Such notification shall state the specific test methods from 35 Ill. Adm. Code 212.110 that will be used.

19. Pursuant to 35 Ill. Adm. Code 218.990, upon request by the Illinois EPA, the owner or operator of an emission unit which is exempt from the requirements of 35 Ill. Adm. Code 218 Subparts PP, QQ, RR, TT or 35 Ill. Adm. Code 218.208(b) shall submit records to the Illinois EPA within 30 calendar days from the date of the request that document that the emission unit is exempt from those requirements.
- 20a. If there is an exceedance of or a deviation from the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance or deviation. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or deviation and efforts to reduce emissions and future occurrences.
- b. Two (2) copies of required reports and notifications shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, IL 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control - Regional Office
9511 West Harrison
Des Plaines, Illinois 60016

It should be noted that this permit has been revised so as to include the operation of the equipment described in Construction permit 09120010.

If you have any questions on this permit, please call Valeriy Brodsky at (217)782-2113.

Edwin C. Bakowski, P.E.
Manager, Permit Section
Division of Air Pollution Control

Date Signed: _____

ECB:VJB:
cc: Illinois EPA, FOS Region 1
Lotus Notes

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emissions from the two asphalt storage and processing plants, Seneca Petroleum and Korall Corporation, operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are below the levels (e.g., 100 tons/year for VOM, 10 tons per year for a single HAP, and 25 tons per year for any combination of such HAP) at which this source would be considered a major source for purposes of Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled and control measures are more effective than required in this permit.

- a. Seneca Petroleum - Lemont Terminal, 12460 South New Avenue, Lemont (I.D. #197803AAB):

<u>Emission Unit</u>	E M I S S I O N S (Tons/Year)						<u>Single HAP</u>	<u>Total HAPs</u>
	<u>CO</u>	<u>NO_x</u>	<u>PM</u>	<u>SO₂</u>	<u>VOM</u>			
<u>Asphalt Operations:</u>								
Storage Tanks						10.6		
Truck and Railcar Unloading						0.5		
GTR Asphalt System			0.44					
<u>Cutback/Emulsion Asphalt Operations:</u>								
Storage Tanks						5.2		
Truck and railcar Unloading						0.1		
General Use Storage Tanks						0.44		
Asphalt Heaters						0.7	--	--
Totals	<u>11.3</u>	<u>13.5</u>	<u>1.44</u>	<u>0.01</u>	<u>17.54</u>	<u>6.39</u>		<u>17.54</u>

- b. Korall Corporation - Lemont Marine Facility, 305 South New Avenue, Lemont (I.D. No. #197803ABD):

<u>Emission Unit</u>	E M I S S I O N S (Tons/Year)						<u>Single HAP</u>	<u>Total HAPs</u>
	<u>CO</u>	<u>NO_x</u>	<u>PM</u>	<u>SO₂</u>	<u>VOM</u>			
Asphalt Storage Tanks						5.7		
Truck and Railcar Unloading						0.9		
Distillate Fuel Oil Combustion	3.18	12.70	1.27	25.25	0.22			
Natural Gas Combustion	5.20	6.19	0.47	0.04	0.34	--	--	
Totals	<u>8.38</u>	<u>18.89</u>	<u>1.74</u>	<u>25.29</u>	<u>7.16</u>	<u>2.61</u>		<u>7.16</u>

c. Collocated Source Totals:

<u>Emission Unit</u>	E M I S S I O N S (Tons/Year)						<u>Total HAPs</u>
	<u>CO</u>	<u>NO_x</u>	<u>PM</u>	<u>SO₂</u>	<u>VOM</u>	<u>Single HAP</u>	
Seneca Petroleum - Lemont Terminal (197803AAB)	<u>11.30</u>	<u>13.50</u>	<u>1.44</u>	<u>0.01</u>	<u>17.54</u>	6.39	<u>17.54</u>
Korall Corporation - Lemont Marine Facility (197803ABD)	<u>8.38</u>	<u>18.89</u>	<u>1.74</u>	<u>25.29</u>	<u>7.16</u>	<u>2.61</u>	<u>7.16</u>
Totals	<u>19.68</u>	<u>32.39</u>	<u>3.18</u>	<u>25.30</u>	<u>24.70</u>	<u>9.0</u>	<u>24.70</u>

ECB:VJB