

State of Connecticut, Department of Public Health
Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

SOUTHERN PETROLEUM LABORATORIES, INC.

LOCATED AT 8880 Interchange Drive IN Houston, TX 77054

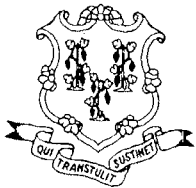
AND REGISTERED IN THE NAME OF Herman R. Brown

THIS CERTIFICATE IS ISSUED IN THE NAME OF Kesavalu Bagawandoss, Ph.D. WHO HAS BEEN DESIGNATED BY THE REGISTRANT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

DRINKING WATER, NON-POTABLE WATER/WASTEWATER, SOLID WASTE/SOIL
Examination For:
INORGANIC CHEMICALS
ORGANIC CHEMICALS

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

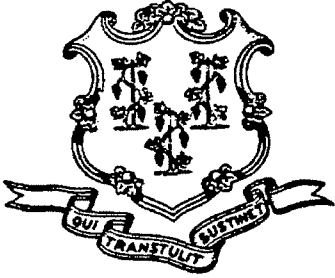
THIS CERTIFICATE EXPIRES December 31, 2010 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH DATED AT HARTFORD, CONNECTICUT, THIS 3rd DAY OF March 3, 2010



Registration No.

PH - 0283

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION



STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

APPROVED ANALYTES REPORT
FOR ALL MATRICES
Southern Petroleum Laboratories, Inc.

CT-APP-NUM

8880 INTERCHANGE DRIVE

Houston TX 77054-

PHONE (713)-660-0901

REGISTERED OWNER/
AUTHORIZED AGENT Herman R. Brown
DIRECTOR Kesavalu Bagawandoss, Ph.D.
CO DIRECTOR(S)

APPROVED BY


PHILIP J. SCHLOSSBERG

DATE 03/03/2010 3:27:32 PM

LABORATORY APPROVAL EXPIRATION DATE
LABORATORY STATUS

ANY QUESTIONS CONCERNING THIS DOCUMENT SHOULD BE ADDRESSED TO
THE ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM AT (860) 509-7389

DRINKING WATER (SDWA)

STATUS REPORTED ON 03/03/2010

SOC: REGULATED SYNTHETIC ORGANIC CHEMICAL
WITH MINIMUM MDL REQUIREMENTS

ANALYTE NAME

VOLATILE ORGANICS

1,2-DIBROMO-3-CHLOROPROPANE 504.1 (DBCP) (SOC)

ETHYLENE DIBROMIDE 504.1 (EDB) (SOC)

**NON-POTABLE WATER/
WASTEWATER**

STATUS REPORTED ON 03/03/2010

ANALYTE NAME

PHYSICALS

COLOR
PH
TURBIDITY
CONDUCTIVITY

MINERALS

ACIDITY
ALKALINITY
CHLORIDE
FLUORIDE
HARDNESS, TOTAL
HARDNESS, CALCIUM
SILICA
SULFATE
SULFIDE
SULFITE

NUTRIENTS

AMMONIA
KJELDAHL NITROGEN
NITRATE
NITRITE
O-PHOSPHATE
TOTAL PHOSPHOROUS

METALS

ALUMINUM
ANTIMONY
ARSENIC
BARIUM
BERYLLIUM
BORON
CADMIUM
CALCIUM
CHROMIUM
COBALT
COPPER

IRON
LEAD
MAGNESIUM
MANGANESE
MERCURY
MOLYBDENUM
NICKEL
POTASSIUM
SELENIUM
SILVER
SODIUM
STRONTIUM
THALLIUM
TIN
TITANIUM
VANADIUM
ZINC

RESIDUE

TOTAL RESIDUE (SOLIDS)
TOTAL VOLATILE RESIDUE
TOTAL DISSOLVED SOLIDS
TOTAL SUSPENDED SOLIDS

DEMANDS

COD
TOTAL ORGANIC CARBON

MISCELLANEOUS

CYANIDE (TOTAL)
PHENOLICS
FOAMING AGENTS (MBAS)

INORGANIC DISINFECTION BY-PRODUCTS

BROMIDE

PESTICIDES/ PCB's

POLYCHLORINATED BIPHENYLS
ORGANOCHLORINE PESTICIDES (Single Response)
CHLORDANE (TECHNICAL)
TOXAPHENE

SOLVENTS

OIL AND GREASE
TOTAL ORGANIC HALIDES

TPH (HEM/SGT)

CT Extractable Petroleum Hydrocarbons (ETPH)

HERBICIDES

DALAPON

DICAMBA

DINOSEB

PENTACHLOROPHENOL (Herbicide)

2,4-D

2,4-DB

2,4,5-T

DICHLOROPROP

2,4,5-TP (SILVEX)

MCPA

MCPP

ORGANICS

ACID EXTRACTABLES (PHENOLS)

BENZIDINES

PHTHALATE ESTERS

NITROSAMINES

NITROAROMATICS & ISOPHORONE

POLYNUCLEAR AROMATIC HYDROCARBONS

HALOETHERS

CHLORINATED HYDROCARBONS

VOLATILE ORGANICS

SOLID WASTE/SOIL

STATUS REPORTED ON 03/03/2010

ANALYTE NAME

PHYSICALS

PH

NUTRIENTS

AMMONIA

TOTAL PHOSPHOROUS

METALS

ALUMINUM

ANTIMONY

ARSENIC

BARIUM

BERYLLIUM

BORON

CADMIUM

CALCIUM

CHROMIUM

CHROMIUM - Hexavalent

COBALT

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

STRONTIUM

THALLIUM

TIN

TITANIUM

VANADIUM

ZINC

RESIDUE

TOTAL RESIDUE (SOLIDS)

DEMANDS

TOTAL ORGANIC CARBON

MISCELLANEOUS

CYANIDE (TOTAL)

IGNITABILITY

PHENOLICS

TCLP LEACH (1311)

SPLP LEACH (1312)

PESTICIDES/ PCB's

POLYCHLORINATED BIPHENYLS

ORGANOCHLORINE PESTICIDES (Single Response)

CHLORDANE (TECHNICAL)

TOXAPHENE

SOLVENTS

OIL AND GREASE

TOTAL ORGANIC HALIDES

TPH (HEM/SGT)

CT Extractable Petroleum Hydrocarbons (ETPH)

HERBICIDES

DICAMBA

DINOSEB

PENTACHLOROPHENOL (Herbicide)

2,4-D

2,4-DB

2,4,5-T

DICHLOROPROP

2,4,5-TP (SILVEX)

MCPA

MCPP

4-NITROPHENOL (Herbicide)

RCRA (SW-846) ORGANICS

VOLATILE ORGANICS (SW 8260)

ACID EXTRACTABLES (PHENOLS) (SW 8270)

BENZIDINES (SW 8270)

PHTHALATES (SW 8270)

NITROSOAMINES (SW 8270)

NITROAROMATICS & CYCLIC KETONES (SW 8270)

PAH's (SW 8270)

HALOETHERS (SW 8270)

CHLORINATED HYDROCARBONS (SW 8270)

REPORT PROFILE

Report Printed on: 03/03/2010 3:27:33 PM

lab code = ID1266P

Report Name: APPROVED TESTS_ALT_NEW

test code = *

Printed by: phil

matrix code = *

Report published from: CERTIFICATION REPORTS screen #3

matrix selection = ALL OR SOME MATRICES SELECTED

certifications approved or provisional on 03/03/2010

THIS IS THE LAST PAGE OF THE REPORT