



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH
Environmental Health and Drinking Water Branch



ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM CERTIFIED ANALYTES REPORT FOR ALL MATRICES

ESS Laboratory - Div. Thielsch Engineering

185 FRANCES AVENUE
CRANSTON, RI 02910

CT REGISTRATION NUMBER :

REGISTERED OWNER / AUTHORIZED AGENT : Laurel A. Stoddard

DIRECTOR : Laurel A. Stoddard

CO DIRECTOR(S) :


PHONE : (401) 461-7181

LABORATORY REGISTRATION EFFECTIVE DATE :

LABORATORY REGISTRATION EXPIRATION DATE :

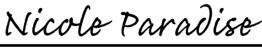
LABORATORY STATUS :

APPROVED BY



Lori J Mathieu
Public Health Branch Chief
Environmental Health & Drinking Water Branch

REVIEWED BY

 9/27/2023 12:22:11 PM

Nicole Paradise
Laboratory Consultant

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

DRINKING WATER (SDWA)

STATUS REPORTED ON 9/27/2023

ANALYTE NAME

INORGANIC PHYSICAL PARAMETERS

CONDUCTIVITY	pH
TURBIDITY	

INORGANIC MINERALS PARAMETERS

ALKALINITY	
CHLORIDE	CHLORINE, TOTAL & FREE RESIDUAL
FLUORIDE	HARDNESS, CALCIUM
HARDNESS, TOTAL	SULFATE

INORGANIC NUTRIENT PARAMETERS

NITRATE	
NITRITE	O-PHOSPHATE

METALS

ALUMINUM	ANTIMONY
ARSENIC	BARIUM
BERYLLIUM	BORON
CADMIUM	CALCIUM
CHROMIUM	COBALT
COPPER	IRON
LEAD	MAGNESIUM
MANGANESE	MERCURY
MOLYBDENUM	NICKEL
POTASSIUM	SELENIUM
SILVER	SODIUM
THALLIUM	VANADIUM
ZINC	

INORGANIC SOLIDS

TOTAL DISSOLVED SOLIDS

INORGANIC DEMANDS

TOTAL ORGANIC CARBON

INORGANIC MISCELLANEOUS PARAMETERS

CYANIDE (TOTAL)

ORGANIC DISINFECTION BY-PRODUCTS

BROMOACETIC ACID	
BROMOCHLOROACETIC ACID	CHLOROACETIC ACID

DIBROMOACETIC ACID

DICHLOROACETIC ACID

TRICHLOROACETIC ACID

VOLATILE ORGANICS

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

ETHYLENE DIBROMIDE 504.1 (EDB) (SOC)

VINYL CHLORIDE - 524.2

TOTAL TRIHALOMETHANES 524.2 (SOC)

VOLATILE ORGANICS - 524.2 (SOCs)

NON-POTABLE WATER/ WASTEWATER (CWA)

STATUS REPORTED ON 9/27/2023

ANALYTE NAME

INORGANIC PHYSICAL PARAMETERS

CONDUCTIVITY

pH

TURBIDITY

INORGANIC MINERALS PARAMETERS

ALKALINITY

CHLORIDE

CHLORINE, TOTAL RESIDUAL

FLUORIDE

HARDNESS, TOTAL

SILICA

SULFATE

SULFIDE

INORGANIC NUTRIENT PARAMETERS

AMMONIA

KJELDAHL NITROGEN

NITRATE

NITRITE

O-PHOSPHATE

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

INORGANIC SOLIDS

TOTAL DISSOLVED SOLIDS

TOTAL RESIDUE (SOLIDS)

TOTAL SUSPENDED SOLIDS

TOTAL VOLATILE RESIDUE

INORGANIC DEMANDS

BOD	CARBONACEOUS BOD
COD	TOTAL ORGANIC CARBON

INORGANIC MISCELLANEOUS PARAMETERS

CYANIDE (TOTAL)	
FOAMING AGENTS (MBAS)	FORMALDEHYDE
PHENOLICS	

INORGANIC DISINFECTION BY-PRODUCTS

BROMIDE

VOLATILE ORGANICS

1,4-DIOXANE (Mod 8270)
VOLATILE ORGANICS - 624.1

PESTICIDES

CHLORDANE (TECHNICAL)	
ORGANOCHLORINE PESTICIDES (Single Response)	ORGANOCHLORINE PESTICIDES - 608.3
PCB IN OIL	PCBs - 608.3
POLYCHLORINATED BIPHENYLS	TOXAPHENE

SOLVENTS

CT Extractable Petroleum Hydrocarbons (ETPH)	MA Extractable Petroleum Hydrocarbons (EPH)
MA Volatile Petroleum Hydrocarbons (VPH)	OIL & GREASE

HERBICIDES

2,4,5-T	2,4,5-TP (SILVEX)
2,4-D	2,4-DB
DALAPON	DICAMBA
DICHLOROPROP	DINOSEB
MCPA	MCPP

TRIAZINE PESTICIDES

ATRAZINE

ORGANICS

ACID EXTRACTABLES (PHENOLS)	
BENZIDINES	CHLORINATED HYDROCARBONS
HALOETHERS	NITROAROMATICS & ISOPHORONE
NITROSAMINES	PHTHALATE ESTERS
POLYNUCLEAR AROMATIC HYDROCARBONS	

RCRA (SW-846) ORGANICS

ACID EXTRACTABLES (PHENOLS) (SW 8270)	BENZIDINES (SW 8270)
CHLORINATED HERBICIDES (SW 8151)	CHLORINATED HYDROCARBONS (SW 8270)
HALOETHERS (SW 8270)	NITROAROMATICS & ISOPHORONE (SW 8270)
NITROSOAMINES (SW 8270)	PAH's (SW 8270)

PHTHALATES (SW 8270)

VOLATILE ORGANICS (SW 8260)

SOLID WASTE/SOIL (RCRA)

STATUS REPORTED ON 9/27/2023

ANALYTE NAME

INORGANIC PHYSICAL PARAMETERS

pH

INORGANIC MINERALS PARAMETERS

SULFATE

METALS

ALUMINUM

ANTIMONY

BARIUM

BORON

CALCIUM

CHROMIUM - Hexavalent

COPPER

LEAD

MANGANESE

MOLYBDENUM

POTASSIUM

SILVER

STRONTIUM

TIN

VANADIUM

ARSENIC

BERYLLIUM

CADMIUM

CHROMIUM

COBALT

IRON

MAGNESIUM

MERCURY

NICKEL

SELENIUM

SODIUM

THALLIUM

TITANIUM

ZINC

INORGANIC DEMANDS

TOTAL ORGANIC CARBON

INORGANIC MISCELLANEOUS PARAMETERS

CYANIDE (TOTAL)

IGNITABILITY

SPLP LEACH (1312)

REACTIVITY

TCLP LEACH (1311)

PESTICIDES

CHLORDANE (TECHNICAL)

POLYCHLORINATED BIPHENYLS

ORGANOCHLORINE PESTICIDES (Single Response)

TOXAPHENE

SOLVENTS

CT Extractable Petroleum Hydrocarbons (ETPH)

MA Extractable Petroleum Hydrocarbons (EPH)

MA Volatile Petroleum Hydrocarbons (VPH)

HERBICIDES

2,4,5-T

2,4,5-TP (SILVEX)

2,4-D

2,4-DB

DALAPON

DICAMBA

DICHLOROPROP

DINOSEB

MCPA

MCPP

TRIAZINE PESTICIDES

ATRAZINE

RCRA (SW-846) ORGANICS

ACID EXTRACTABLES (PHENOLS) (SW 8270)

BENZIDINES (SW 8270)

CHLORINATED HYDROCARBONS (SW 8270)

HALOETHERS (SW 8270)

NITROAROMATICS & CYCLIC KETONES (SW 8270)

NITROSOAMINES (SW 8270)

PAH's (SW 8270)

PHTHALATES (SW 8270)

VOLATILE ORGANICS (SW 8260)

Report Profile: Lab Name : ESS Laboratory - Div. Thielsch Engineering
Test Name : *
Matrix Name : *
Matrix Selection = ALL OR SOME MATRICES SELECTED
Certifications approved or provisional on 9/27/2023

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