



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

MAY 14 2019

Steve Miller
Quality Assurance Manager
Environmental Science Corp. dba
Pace Analytical National Center
for Testing and Innovation
PAS Parent, LLC
1800 Elm Street SE
Minneapolis, MN 55414

**Re: Environmental Science Corporation
Lab Certification
Approval
Voluntary Action Program
CL0069**

Subject: Renewal of Laboratory Certification under Ohio's Voluntary Action Program

Dear Mr. Miller:

Upon review of your laboratory's application for renewal of its certification under Ohio's Voluntary Action Program, I am pleased to inform you that the laboratory meets the applicable requirements. Therefore, the Director of the Ohio Environmental Protection Agency (Director) has renewed the laboratory's certification under the authority of Ohio Revised Code (ORC) 3746.04(B)(6) and Ohio Administrative Code (OAC) 3745-300-04. Your laboratory certification number remains CL0033.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission (Commission) pursuant to ORC Section 3745.04. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the action. The appeal must be accompanied by a filing fee of \$70.00 made payable to "Treasurer, State of Ohio" which the Commission, in its discretion, may reduce if by affidavit it is demonstrated that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Commission at the following address:

Environmental Review Appeals Commission
30 East Broad Street
4th Floor
Columbus, OH 43215

The certification is effective for the analytes, parameter groups and methods listed on the attached laboratory certificate. The certification will expire on the expiration date given on the laboratory certificate, unless renewed in accordance with OAC 3745-300-04.

Thank you for your interest in the Voluntary Action Program.

Sincerely,



Lisa Shook
Manager
Voluntary Action Program

encl. certificate

cc: VAP file

This is a true and accurate copy of the documents as filed in the records of the Environmental Protection Agency



Ohio EPA MAY 14 2019
Entered Director's Journal

Donna Casseter Date: 5/14/19
Ohio Environmental Protection Agency
Division of Environmental Response and Revitalization
Voluntary Action Program

Under the authority of Ohio Revised Code Section 3746.04(B)(6) and Ohio Administrative Code Rule 3745-300-04

Certifies
Environmental Science Corporation
12065 Lebanon Road
Mt. Juliet, Tennessee 37122
as a
Certified Laboratory
(Number CL0069)

for the following analytes, parameter groups, and methods:

Iron/6010B	Aluminum/6010B	Phenols/9066*	Chlorinated Herbicides/8151A
Manganese/6010B	Antimony/6010B, 6020	Arsenic/6010B, 6020	n-Hexane/8260B**, 8260A
Nickel/6010B, 6020	Barium/6010B	Selenium/6010B	Volatile Organic Compounds/8260B**, TO15, 8260A
Silver/6010B, 6020	Beryllium/6010B	Lead/6010B, 6020	Semi-Volatile Organic Compounds/8270C
Vanadium/6010B	Cadmium/6010B, 6020	Thallium/6010B, 6020	Organochlorine Pesticides/8081A
Zinc/6010B, 6020	Chromium/6010B, 6020	Mercury/7470A, 7471A	Polychlorinated Biphenyls/8082
Bromide/300.0	Cobalt/6010B	Cyanide, Total/9012B	1,2-Dibromo-3-chloropropane & 1,2-Dibromoethane/8011*
Chloride/300.0	Nitrate/300.0	Hexavalent Chromium/7196A	Total Petroleum Hydrocarbons, Light Distillates/TO15, 8015B**, 8260B**, 8260A
Phosphorus/365.2*	Sulfate/300.0	Copper/6010B, 6020	Total Petroleum Hydrocarbons, Middle & Heavy Distillates/8015B

*water only

**See "Scope" section on the back of this certificate for restrictions

MAY 14 2019

MAY 14 2021

Date of Certification
Kevin A. Sturgeon
Director, Ohio Environmental Protection Agency

Date of Expiration
Kevin Sturgeon
Manager, Voluntary Action Program

SCOPE, LIMITATION, OBLIGATIONS AND RESPONSIBILITIES OF CERTIFICATION ON REVERSE SIDE (Certificate 1 of 2)

Scope. This certificate applies only to the Ohio EPA Voluntary Action Program. The certified laboratory identified herein is authorized to perform analyses in support of a voluntary action for the analytes, parameter groups, and methods which are identified on the face of this certificate in order to produce certified data, so long as this certificate remains effective. The laboratory may produce certified data when it performed the analyses consistent with the standard operating procedures and quality assurance program plan, as approved, or as revised following the review process required by OAC rule 3745-300-04(G). For parameter groups, this certificate authorizes analysis of only those compounds listed in the methods identified.

**This certificate authorizes the laboratory to perform analyses for Total Petroleum Hydrocarbons (Light Distillates) and Volatile Organic Compounds on air and soil gas, as well as, soil and water media. This certification is conditioned on the laboratory performing the analyses in accordance with the identified methods and the laboratory's standard operating procedures approved for such analyses.

Limitation. This certificate does not apply to any other Ohio EPA program, or federal laboratory certification or accreditation program, nor does it serve any purpose other than that described in the "Scope" section. This certificate does not authorize for the analysis of compounds which may meet a general criteria or description provided for in such methods, but are not listed. This certificate is subject to renewal under OAC rule 3745-300-04.

Obligations. As a condition of certification, the certified laboratory accepts all obligations and responsibilities of a certified laboratory in the Voluntary Action Program, as set forth in ORC chapter 3746 and OAC chapter 3745-300, including compliance with the standards of performance and conduct for maintaining certification under OAC rule 3745-300-04(H). The certified laboratory must display the original certificate in a prominent location on its premises.

Revocation or Suspension. This certificate is subject to suspension or revocation in accordance with OAC rule 3745-300-04(O). The authorization provided by this certificate ceases upon the effective date of the suspension or revocation.

This certificate is the property of Ohio EPA and must be surrendered to Ohio EPA upon the revocation or suspension of the laboratory's certification.

Verify this to be a true and accurate copy of the original documents as filed in the records of the Ohio Environmental Protection Agency.



Ohio EPA MAY 14 '19
Entered Director's Journal

Jenya Basseler 5/14/19

Ohio Environmental Protection Agency

Division of Environmental Response and Revitalization
Voluntary Action Program

Under the authority of Ohio Revised Code Section 3746.04(B)(6) and Ohio Administrative Code Rule 3745-300-04

Certifies
Environmental Science Corporation
12065 Lebanon Road
Mt. Juliet, Tennessee 37122

as a

Certified Laboratory

(Number CL0069)

for the following analytes, parameter groups, and methods:

Dibromochloromethane/ TO15	1,3-Dichlorobenzene/TO15	1,1-Dichloroethene/TO15	Cis-1,2-Dichloroethene/TO15
Trans-1,2-Dichloroethane/TO15	Cis-1,3-Dichloropropene/TO15	Trans-1,3-Dichloropropene/TO15	1,2,4-Trimethylbenzene/TO15
Trichlorofluoromethane/TO15	Dichlorodifluoromethane/TO15	Bromodichloromethane/TO15	Naphthalene/TO15
Propene/TO15, 8260B**, 8260A	Tetrahydrofuran/TO15, 8260***	2,2,4-Trimethylpentane/TO15, 8260B**, 8260A	4-Methyl-2-pentanone/TO15
1,3,5-Trimethylbenzene/TO15	Cyclohexane/TO15, 8260B***	1,2-Dichlorobenzene/TO15	Cyclohexanone/8260A, 8260B
Acetone/TO15	Nitrite/300.0		
Phosphate/300.0	Fluoride/300.0		

*soil only

** or *** See "Scope" section on the back of this certificate for restrictions

MAY 14 2019

MAY 14 2021

Date of Certification

Kevin A. Stuever

Director, Ohio Environmental Protection Agency

Date of Expiration

Kevin Stuever

Manager, Voluntary Action Program

SCOPE, LIMITATION, OBLIGATIONS AND RESPONSIBILITIES OF CERTIFICATION ON REVERSE SIDE (Certificate 2 of 2)

Scope. This certificate applies only to the Ohio EPA Voluntary Action Program. The certified laboratory identified herein is authorized to perform analyses in support of a voluntary action for the analytes, parameter groups, and methods which are identified on the face of this certificate in order to produce certified data, so long as this certificate remains effective. The laboratory may produce certified data when it performed the analyses consistent with the standard operating procedures and quality assurance program plan, as approved, or as revised following the review process required by OAC rule 3745-300-04(G). For parameter groups, this certificate authorizes analysis of only those compounds listed in the methods identified.

**This certificate authorizes the laboratory to perform analyses for Volatile Organic Compounds on air and soil gas, as well as, soil and water media. This certification is conditioned on the laboratory performing the analyses in accordance with the identified methods and the laboratory's standard operating procedures approved for such analyses.

***This certificate authorizes the laboratory to perform analyses for Volatile Organic Compounds on air and soil gas media. This certification is conditioned on the laboratory performing the analysis in accordance with the identified method and the laboratory's SOPs approved for such analysis.

Limitation. This certificate does not apply to any other Ohio EPA program, or federal laboratory certification or accreditation program, nor does it serve any purpose other than that described in the "Scope" section. This certificate does not authorize for the analysis of compounds which may meet a general criteria or description provided for in such methods, but are not listed. This certificate is subject to renewal under OAC rule 3745-300-04.

Obligations. As a condition of certification, the certified laboratory accepts all obligations and responsibilities of a certified laboratory in the Voluntary Action Program, as set forth in ORC chapter 3746 and OAC chapter 3745-300, including compliance with the standards of performance and conduct for maintaining certification under OAC rule 3745-300-04(H). The certified laboratory must display the original certificate in a prominent location on its premises.

Revocation or Suspension. This certificate is subject to suspension or revocation in accordance with OAC rule 3745-300-04(O). The authorization provided by this certificate ceases upon the effective date of the suspension or revocation.

This certificate is the property of Ohio EPA and must be surrendered to Ohio EPA upon the revocation or suspension of the laboratory's certification.