



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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ENVIRONMENTAL

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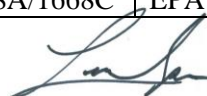
In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO/IEC 17025:2005 and the 2009 TNI Environmental Testing Laboratory Standard) accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

Testing Technologies

High Resolution Gas Chromatography/High Resolution Mass Spectrometry

| Parameter/Analyte     | Hazardous Waste                |                                | Tissue                         | Air/Emissions          |
|-----------------------|--------------------------------|--------------------------------|--------------------------------|------------------------|
|                       | Aqueous                        | Solid                          |                                |                        |
| <b>Dioxins/Furans</b> |                                |                                |                                |                        |
| 1,2,3,7,8-PeCDD       | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| 1,2,3,4,7,8-HxCDD     | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| 1,2,3,6,7,8-HxCDD     | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| 1,2,3,7,8,9-HxCDD     | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| 1,2,3,4,6,7,8-HpCDD   | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| OCDD                  | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| 2,3,7,8-TCDF          | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| 1,2,3,7,8-PeCDF       | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| 2,3,4,7,8-PeCDF       | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| 1,2,3,4,7,8-HxCDF     | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| 1,2,3,6,7,8-HxCDF     | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |

| Parameter/Analyte   | Hazardous Waste                |                                | Tissue                         | Air/Emissions          |
|---------------------|--------------------------------|--------------------------------|--------------------------------|------------------------|
|                     | Aqueous                        | Solid                          |                                |                        |
| 1,2,3,7,8,9-HxCDF   | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| 2,3,4,6,7,8-HxCDF   | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| 1,2,3,4,6,7,8-HpCDF | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| 1,2,3,4,7,8,9-HpCDF | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| OCDF                | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | EPA 1613B/8290/<br>8290A/8280A | TO-9A<br>EPA Method 23 |
| Sample Preparation  | Liquid-Liquid<br>Extraction    | Liquid Extraction/<br>,Soxhlet | Soxhlet                        | Soxhlet                |
| <b>PCBs</b>         |                                |                                |                                |                        |
| PCB 1               | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 2               | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 3               | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 4               | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 5               | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 6               | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 7               | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 8               | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 9               | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 10              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 11              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 12 + 13         | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 13              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 14              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 15              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 16              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 17              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 19              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 18 + 30         | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 20 + 28         | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 21 + 33         | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 22              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 23              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 24              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 25              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 26 + 29         | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 27              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 28              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 29              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 30              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 31              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 32              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 33              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |
| PCB 34              | EPA 1668A/1668C                | EPA 1668A/1668C                | EPA 1668A/1668C                | -----                  |



| Parameter/Analyte     | Hazardous Waste |                 | Tissue          | Air/Emissions   |
|-----------------------|-----------------|-----------------|-----------------|-----------------|
|                       | Aqueous         | Solid           |                 |                 |
| PCB 35                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 36                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 37                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 38                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 39                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 40 + 41 +71       | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 41                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 42                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 43 + 73           | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 44 + 47 + 65      | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 45 + 51           | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 46                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 47                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 48                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 49 + 69           | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 50 + 53           | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 51                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 52                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 53                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 54                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 55                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 56                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 57                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 58                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 59 + 62+ 75       | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 60                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 61 + 70 + 74 + 76 | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 62                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 63                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 64                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 65                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 66                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 67                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 68                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 69                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 70                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 71                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 72                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 73                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 74                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 75                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 76                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 77                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C |
| PCB 78                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 79                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 80                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 81                | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C |



| Parameter/Analyte                  | Hazardous Waste |                 | Tissue          | Air/Emissions   |
|------------------------------------|-----------------|-----------------|-----------------|-----------------|
|                                    | Aqueous         | Solid           |                 |                 |
| PCB 82                             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 83 + 99                        | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 84                             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 85 + 116 + 117                 | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 86 + 87 + 97 + 109 + 119 + 125 | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 87                             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 88 + 91                        | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 89                             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 90 + 101 + 113                 | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 91                             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 92                             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 93 + 95 + 100                  | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 94                             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 95                             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 96                             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 97                             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 98 + 102                       | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 99                             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 100                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 101                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 102                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 103                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 104                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 105                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C |
| PCB 106                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 107                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 108 + 124                      | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 109                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 110 + 115                      | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 111                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 112                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 113                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 114                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C |
| PCB 115                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 116                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 117                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 118                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C |
| PCB 119                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 120                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 121                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 122                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 123                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C |
| PCB 124                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 125                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 126                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C |
| PCB 127                            | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |



| Parameter/Analyte   | Hazardous Waste |                 | Tissue          | Air/Emissions   |
|---------------------|-----------------|-----------------|-----------------|-----------------|
|                     | Aqueous         | Solid           |                 |                 |
| PCB 128 + 166       | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 129 + 138 + 163 | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 130             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 131             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 132             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 133             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 134             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 135 + 151       | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 136             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 137             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 138             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 139 + 140       | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 140             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 141             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 142             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 143             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 144             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 145             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 146             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 147 + 149       | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 148             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 149             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 150             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 151             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 152             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 153 + 168       | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 154             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 155             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 156 + 157       | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C |
| PCB 157             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C |
| PCB 158             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 159             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 160             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 161             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 162             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 163             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 164             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 165             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 166             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 167             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C |
| PCB 168             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 169             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C |
| PCB 170             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 171 + 173       | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 172             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 173             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |
| PCB 174             | EPA 1668A/1668C | EPA 1668A/1668C | EPA 1668A/1668C | -----           |



| Parameter/Analyte  | Hazardous Waste             |                               | Tissue          | Air/Emissions   |
|--------------------|-----------------------------|-------------------------------|-----------------|-----------------|
|                    | Aqueous                     | Solid                         |                 |                 |
| PCB 175            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 176            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 177            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 178            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 179            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 180 + 193      | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 181            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 182            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 183 + 185      | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 184            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 185            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 186            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 187            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 188            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 189            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | EPA 1668A/1668C |
| PCB 190            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 191            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 192            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 193            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 194            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 195            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 196            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 197            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 198 + 199      | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 199            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 200            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 201            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 202            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 203            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 204            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 205            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 206            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 207            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 208            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | -----           |
| PCB 209            | EPA 1668A/1668C             | EPA 1668A/1668C               | EPA 1668A/1668C | EPA 1668A/1668C |
| Sample Preparation | Liquid Liquid<br>Extraction | Liquid Extraction,<br>Soxhlet | Soxhlet         | Soxhlet         |



In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform recognized EPA methods for the test methods applicable to ISO IEC 17025:2005:

| Parameter/Analyte            | Potable Water | Solid Hazardous Waste |           | Foods     |
|------------------------------|---------------|-----------------------|-----------|-----------|
|                              |               | Aqueous               | Solid     |           |
| <b><u>Dioxins/Furans</u></b> |               |                       |           |           |
| 2,3,7,8-TCDD                 | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 1,2,3,7,8-PeCDD              | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 1,2,3,4,7,8-HxCDD            | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 1,2,3,6,7,8-HxCDD            | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 1,2,3,7,8,9-HxCDD            | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 1,2,3,4,6,7,8-HpCDD          | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| OCDD                         | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 2,3,7,8-TCDF                 | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 1,2,3,7,8-PeCDF              | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 2,3,4,7,8-PeCDF              | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 1,2,3,4,7,8-HxCDF            | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 1,2,3,6,7,8-HxCDF            | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 1,2,3,7,8,9-HxCDF            | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 2,3,4,6,7,8-HxCDF            | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 1,2,3,4,6,7,8-HpCDF          | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| 1,2,3,4,7,8,9-HpCDF          | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| OCDF                         | EPA 1613B     | EPA 1613B             | EPA 1613B | EPA 1613B |
| Sample Preparation           | Liquid-Liquid | Liquid-Liquid         | Soxhlet   | Soxhlet   |





# Accredited Laboratory

A2LA has accredited

## **ALS LABORATORY GROUP, ENVIRONMENTAL** *Houston, TX*

for technical competence in the field of  
**Environmental Testing**

In recognition of the successful completion of the A2LA evaluation process that includes an assessment of the laboratory's compliance with ISO/IEC 17025:2005 and the 2009 TNI Environmental Testing Laboratory Standard, accreditation is granted to this laboratory to perform recognized EPA methods as defined on the associated A2LA Environmental Scope of Accreditation. This accreditation demonstrates technical competence for this defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 26<sup>th</sup> day of March 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 2897.01  
Valid to November 30, 2019  
Revised February 20, 2019

*For the tests to which this accreditation applies, please refer to the laboratory's Environmental Scope of Accreditation.*