



STATE OF LOUISIANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY



Is hereby granting a Louisiana Environmental Laboratory Accreditation to

**H&P Mobile Geochemistry Inc**  
**2470 Impala Dr**  
**Carlsbad, California 92010**

**Agency Interest No. 136158**  
**Activity No. ACC20160001**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and agrees to adapt to any changes in the requirements. It also acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I and the 2009 TNI Standard by which the laboratory was assessed. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Cheryl Sonnier Nolan  
Administrator  
Public Participation and Permit Support Services Division

Issued Date: 24 May 2016

Effective Date: July 1, 2016  
Expiration Date: June 30, 2017  
Certificate Number: 04138



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2470 Impala Dr, Carlsbad, California 92010

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## Air Emissions

| Analyte  | Method Name | Method Code | Type  | AB |
|--|-------------|-------------|-------|----|
| 5160 - 1,1,1-Trichloroethane                                 | EPA TO-15   | 10248803    | NELAP | LA |
| 5110 - 1,1,2,2-Tetrachloroethane                             | EPA TO-15   | 10248803    | NELAP | LA |
| 5185 - 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)     | EPA TO-15   | 10248803    | NELAP | LA |
| 5165 - 1,1,2-Trichloroethane                                 | EPA TO-15   | 10248803    | NELAP | LA |
| 4630 - 1,1-Dichloroethane                                    | EPA TO-15   | 10248803    | NELAP | LA |
| 4640 - 1,1-Dichloroethylene                                  | EPA TO-15   | 10248803    | NELAP | LA |
| 5155 - 1,2,4-Trichlorobenzene                                | EPA TO-15   | 10248803    | NELAP | LA |
| 5210 - 1,2,4-Trimethylbenzene                                | EPA TO-15   | 10248803    | NELAP | LA |
| 4585 - 1,2-Dibromoethane (EDB, Ethylene dibromide)           | EPA TO-15   | 10248803    | NELAP | LA |
| 4695 - 1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114)    | EPA TO-15   | 10248803    | NELAP | LA |
| 4610 - 1,2-Dichlorobenzene                                   | EPA TO-15   | 10248803    | NELAP | LA |
| 4635 - 1,2-Dichloroethane (Ethylene dichloride)              | EPA TO-15   | 10248803    | NELAP | LA |
| 4655 - 1,2-Dichloropropane                                   | EPA TO-15   | 10248803    | NELAP | LA |
| 5215 - 1,3,5-Trimethylbenzene                                | EPA TO-15   | 10248803    | NELAP | LA |
| 9318 - 1,3-Butadiene   | EPA TO-15   | 10248803    | NELAP | LA |
| 4615 - 1,3-Dichlorobenzene                                   | EPA TO-15   | 10248803    | NELAP | LA |
| 4835 - 1,3-Hexachlorobutadiene                               | EPA TO-15   | 10248803    | NELAP | LA |
| 4620 - 1,4-Dichlorobenzene                                   | EPA TO-15   | 10248803    | NELAP | LA |
| 4836 - 1-Propene   | EPA TO-15   | 10248803    | NELAP | LA |
| 4410 - 2-Butanone (Methyl ethyl ketone, MEK)                 | EPA TO-15   | 10248803    | NELAP | LA |
| 4995 - 4-Methyl-2-pentanone (MIBK)                           | EPA TO-15   | 10248803    | NELAP | LA |
| 4315 - Acetone   | EPA TO-15   | 10248803    | NELAP | LA |
| 4375 - Benzene   | EPA TO-15   | 10248803    | NELAP | LA |
| 4395 - Bromodichloromethane                                  | EPA TO-15   | 10248803    | NELAP | LA |
| 4400 - Bromoform   | EPA TO-15   | 10248803    | NELAP | LA |
| 4450 - Carbon disulfide                                      | EPA TO-15   | 10248803    | NELAP | LA |
| 4455 - Carbon tetrachloride                                  | EPA TO-15   | 10248803    | NELAP | LA |
| 4475 - Chlorobenzene   | EPA TO-15   | 10248803    | NELAP | LA |
| 4575 - Chlorodibromomethane                                  | EPA TO-15   | 10248803    | NELAP | LA |
| 4485 - Chloroethane (Ethyl chloride)                         | EPA TO-15   | 10248803    | NELAP | LA |
| 4505 - Chloroform  | EPA TO-15   | 10248803    | NELAP | LA |
| 4625 - Dichlorodifluoromethane (Freon-12)                    | EPA TO-15   | 10248803    | NELAP | LA |
| 4770 - Ethyl-t-butyl ether (ETBE) (2-Ethoxy-2-methylpropane) | EPA TO-15   | 10248803    | NELAP | LA |
| 4765 - Ethylbenzene  | EPA TO-15   | 10248803    | NELAP | LA |
| 4855 - Hexane  | EPA TO-15   | 10248803    | NELAP | LA |
| 4950 - Methyl bromide (Bromomethane)                         | EPA TO-15   | 10248803    | NELAP | LA |
| 4960 - Methyl chloride (Chloromethane)                       | EPA TO-15   | 10248803    | NELAP | LA |
| 5000 - Methyl tert-butyl ether (MTBE)                        | EPA TO-15   | 10248803    | NELAP | LA |
| 4975 - Methylene chloride (Dichloromethane)                  | EPA TO-15   | 10248803    | NELAP | LA |
| 5005 - Naphthalene   | EPA TO-15   | 10248803    | NELAP | LA |
| 5100 - Styrene   | EPA TO-15   | 10248803    | NELAP | LA |
| 4370 - T-amylmethylether (TAME)                              | EPA TO-15   | 10248803    | NELAP | LA |

Clients and Customers are urged to verify the laboratory's current certification status with the Louisiana Environmental Laboratory Accreditation Program.

## Air Emissions

| Analyte   | Method Name | Method Code | Type  | AB |
|---|-------------|-------------|-------|----|
| 5115 - Tetrachloroethylene<br>(Perchloroethylene)                   | EPA TO-15   | 10248803    | NELAP | LA |
| 5140 - Toluene  | EPA TO-15   | 10248803    | NELAP | LA |
| 5170 - Trichloroethene (Trichloroethylene)                          | EPA TO-15   | 10248803    | NELAP | LA |
| 5175 - Trichlorofluoromethane<br>(Fluorotrichloromethane, Freon 11) | EPA TO-15   | 10248803    | NELAP | LA |
| 5235 - Vinyl chloride   | EPA TO-15   | 10248803    | NELAP | LA |
| 5260 - Xylene (total)   | EPA TO-15   | 10248803    | NELAP | LA |
| 4645 - cis-1,2-Dichloroethylene                                     | EPA TO-15   | 10248803    | NELAP | LA |
| 4680 - cis-1,3-Dichloropropene                                      | EPA TO-15   | 10248803    | NELAP | LA |
| 5240 - m+p-xylene   | EPA TO-15   | 10248803    | NELAP | LA |
| 5250 - o-Xylene   | EPA TO-15   | 10248803    | NELAP | LA |
| 4700 - trans-1,2-Dichloroethylene                                   | EPA TO-15   | 10248803    | NELAP | LA |
| 4685 - trans-1,3-Dichloropropylene                                  | EPA TO-15   | 10248803    | NELAP | LA |

## Non Potable Water

| Analyte | Method Name | Method Code | Type | AB   |
|---------|-------------|-------------|------|------|
| NONE    | NONE        | NONE        | NONE | NONE |

## Solid Chemical Materials

| Analyte | Method Name | Method Code | Type | AB   |
|---------|-------------|-------------|------|------|
| NONE    | NONE        | NONE        | NONE | NONE |

## Biological Tissue

| Analyte | Method Name | Method Code | Type | AB   |
|---------|-------------|-------------|------|------|
| NONE    | NONE        | NONE        | NONE | NONE |