



WEST VIRGINIA DEPARTMENT OF HEALTH & HUMAN RESOURCES  
 BUREAU FOR PUBLIC HEALTH  
**OFFICE OF LABORATORY SERVICES**  
 167 11th Avenue  
 South Charleston, WV 25303  
 Phone (304) 558-3530 | Fax (304) 558-2006  
<http://www.wvdhhr.org/labservices>  
 Hours of Operation: 8:00 AM - 5:00 PM (Monday – Friday)



**CLINICAL and ENVIRONMENTAL SERVICES**

Specimen kits are available, by written requisition (mail or fax), for most testing at OLS.

**DIAGNOSTIC IMMUNOLOGY**

**HIV/AIDS** – Ext. 2407

- Serodiagnosis of HIV-1

**SEROLOGY** – Ext. 2405

- Serodiagnosis of Hepatitis A, B & C, Rubella, and syphilis;
- Antigen detection for *Chlamydia trachomatis* and *Neisseria gonorrhoeae*;

**ENVIRONMENTAL MICROBIOLOGY** – Ext. 2710

- Bacteriological screening of drinking water (total coliform/*E. coli*) for local health departments (LHDs), public water systems, individuals and the Office of Environmental Health Services (OEHS);
- Bacteriological screening of recreational waters and bottled water;
- Milk testing;
- Water Bottle Mailing Kits.

Bardane District Environmental Laboratory

1948 Wiltshire Road, Suite #7/Kearneysville, WV 25430

- Bacteriological screening of drinking water.

**ENVIRONMENTAL CHEMISTRY**

4710 Chimney Drive Suite G/Charleston, WV 25302 / 965-2694 Ext. 2222

- Private well and public water chemical testing for individuals, health departments and Office of Environmental Health Services;
- Public water supply testing for compliance monitoring of regulated chemical contaminants;
- Fluoride analysis for public supplies and for pediatric dental program;
- Water sample mailing kits available on request by phone, fax (965-2696) or mail.

**ENVIRONMENTAL LABORATORY CERTIFICATION**

- Certification of LHD's, water plants and commercial labs that perform work under the Safe Drinking Water Act;  
Microbiology – Ext. 2710 or Chemistry – 304-965-2694
- Certification of milk plants and commercial laboratories that perform testing under the Pasteurized Milk Ordinance – Ext. 2710

**REGULATORY /COMPLIANCE**

**TRAINING & EVALUATION** – Ext. 2107

- Clinical laboratory workshops/correspondence courses/audio-visual materials;
- Lab consultation services;
- HIV Laboratory approval;
- Syphilis Serology Laboratory approval.

Clinical Laboratory Practitioner's (CLP) License – Ext. 2105

Clinical Laboratory Improvement Amendment (CLIA) – Ext. 2103 or 2104

**MICROBIOLOGY**

**BACTERIOLOGY** – Ext. 2602

- Identification of referred isolated cultures;
- Culture and PCR for *Bordetella pertussis*;
- Serotyping of *Neisseria meningitidis*, *Haemophilus influenzae*, *Salmonella*, *Shigella*, *Streptococcus pneumoniae* and *E. coli*;
- Identification of *Neisseria gonorrhoeae* cultures;
- Stool cultures from health departments and State institutions for *Salmonella*, *Shigella*, *Campylobacter*, *E. coli* O157:H7, etc.

**MYCOBACTERIOLOGY (TB)** - Ext. 2621

- Identification of referred isolated cultures;
- Isolation and identification of mycobacterium from sputum, bronchial washings, gastric washings, urine, tissue, CSF, wound aspirate, etc.;
- Rapid liquid culture methods;
- Rapid Identification (NAAT, DNA probes).

**PARASITOLOGY** – Ext. 2602

- Detection and identification of intestinal parasites (protozoa, helminth, etc.) and adult worms (*Ascaris*, pinworm, etc.);

**RABIES** – Ext. 2611

- Diagnostic testing for the presence of the Rabies virus in animals.

**VIROLOGY/MOLECULAR** - Ext. 2403

- PCR detection of Influenza and other respiratory viruses.
- Testing of stool specimens for the presence of Norovirus RNA.

**ARBOVIRUS** – Ext. 2403

- Detection of WNV, EEE, SLE, and LAC from humans, birds, horses, and mosquitoes.

**NEWBORN SCREENING** – Ext. 2501

All infants in WV are screened for disorders of amino acid metabolism, congenital hypothyroidism (CH), congenital adrenal hyperplasia (CAH), galactosemia, biotinidase deficiency, cystic fibrosis, hemoglobinopathies, fatty acid oxidation (FAO), and organic acid (OA) disorders. Follow-up is provided by Office of Maternal, Child and Family Health and by health care providers in coordination with medical specialists.

**THREAT-PREPAREDNESS RESPONSE**

**Biological** – Ext. 2301

- Preliminary and confirmatory identification of Bioterrorism agents for clinical and environmental specimens;
- Referral of specimens to appropriate LRN laboratories and/or CDC.

**Chemical** - 965-2694 Ext. 2226

4710 Chimney Drive, Suite G/Charleston, WV 25302

- Chemical terrorism agents/toxic industrial chemicals clinical and environmental sampling assistance;
- Preliminary and confirmatory identification of chemical terrorism agents/toxic industrial chemicals in clinical and environmental samples;
- Referral of specimens to appropriate LRN laboratories and/or CDC.

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| LABORATORY DIRECTOR                         | ext 2110 |
| ASSOCIATE DIRECTOR – Clinical Services      | ext 2107 |
| ASSOCIATE DIRECTOR – Environmental Services | ext 2710 |
| DUI PROGRAM DIRECTOR                        | ext 2169 |
| REGULATORY/COMPLIANCE SERVICES              | ext 2106 |
| LABORATORY SUPPORT SUPERVISOR               | ext 2140 |

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| DIAGNOSTIC IMMUNOLOGY SUPERVISOR       | ext 2410              |
| MICROBIOLOGY SUPERVISOR                | ext 2610              |
| NEWBORN SCREENING SUPERVISOR           | ext 2510              |
| ENVIRONMENTAL MICROBIOLOGY MANAGER     | ext 2711              |
| ENVIRONMENTAL CHEMISTRY MANAGER        | 304-965-2694 ext 2222 |
| BIOLOGICAL THREAT PREPAREDNESS MANAGER | ext 2144              |
| CHEMICAL THREAT PREPAREDNESS MANAGER   | 304-965-2694 ext 2226 |