



### State Public Health Laboratory

307 West McCarty Street, Jefferson City, MO 65101  
573-751-3334 FAX 573-751-7219



**Matt Blunt**  
Governor  
**Julia M. Eckstein**  
Director

**Eric C. Blank, Dr. P.H.**  
Laboratory Director

#### Hazardous Waste Chemistry Test Report

LabNumber HW05Jun240076

Todd Blanc  
Missouri Department of Health and Senior Services  
Section for Environmental Health  
P.O. Box 570  
Jefferson City, MO 65102

(573)751-6160 or 1-866-628-9891

Site State Public Health Laboratory

CollectedBy STAN CARRENDER

DateCollected 6/24/2005 TimeCollected

Latitude Longitude

Comments FIELD BLANK

DateReceived 6/24/2005 Date Reported 6/29/2005

Reported By DM

Customer MDHSS LAB NEWBORN SCREENING  
323 VETERANS LN  
JEFFERSON CITY, MO

Laboratory Comments  
NO NUCLIDES IDENTIFIED

#### EXPLANATION OF WATER ANALYSIS REPORT:

##### General for all Analyses:

The values enclosed within parentheses preceded by an asterisk "\*" are U.S. Environmental Protection Agency (EPA) Maximum Contaminant Levels (MCLs). These are levels at which public drinking water suppliers are required to make modifications in their water treatment processes to reduce that chemical's level in order to protect the health of the people who use that water supply.

The values enclosed within parentheses preceded by a pound or number symbol "# ()" are EPA Action Levels. Exceeding Action Levels can require a public water supplier to institute a number of different activities such as increased sampling, corrosion control, and annual notification of customers about the chemical's concentration and its health risk.

The values enclosed within parenthesis preceded by two plus signs "++ ()" are EPA National Secondary Drinking Water Regulations (SDWRs) non-enforceable guidelines for contaminants in drinking water that may cause cosmetic or esthetic effects. EPA recommends secondary standards to water systems but does not require systems to comply.

If the chemical analyzed does not have an MCL or Action Level following it, no regulatory health standard has been set for that chemical. This occurs when chemicals are found in the sample that are not hazardous to health (or may actually be beneficial, such as some minerals) or are only harmful at levels so high that the water is unusable because of unpleasant taste and/or odor.

The symbol "<" means "less than".

##### Inorganic chemicals:

Inorganic results are in milligrams per liter (mg/L).

\*\* The Department of Health and Senior Services recommends a level of 1.0mg/L (PPM) fluoride for the prevention of dental cavities.

##### Organic chemicals:

Organic results are in micrograms per liter (ug/L).

The symbol D after a result indicates the sample required a dilution for the laboratory to get a quantitative result.

Symbols S, C, M, or B are used when a value has been estimated, and are in accordance with the Environmental Protection Agency's testing procedures.

##### Radiological analyses:

Radiological results are reported in picocuries per liter (pCi/L). The symbols "(+/-)" with a value afterwards indicate the amount of uncertainty in the result.

*Trans 6/29/05*

The Missouri Department of Health and Senior Services is responsible for protecting and promoting the health of Missourians by assessing health status and needs, developing policies and priorities, and assuring that the state is responding appropriately.  
AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER — Services provided on a nondiscriminatory basis



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## Hazardous Waste Chemistry Test Report

LabNumber HW05Jun240077

DateReceived 6/24/2005 Date Reported 6/29/2005

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Customer MDHSS LAB NEWBORN SCREENING  
323 VETERANS LN  
JEFFERSON CITY, MO

Laboratory Comments

(573)751-6160 or 1-866-628-9891

Site State Public Health Laboratory

CollectedBy STAN CARRENDER

DateCollected 6/24/2005 TimeCollected

Latitude Longitude

Comments # 1 SAMPLE - GAMMA COUNTER BENCH

### EXPLANATION OF WATER ANALYSIS REPORT:

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#### Organic chemicals:

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The symbol D after a result indicates the sample required a dilution for the laboratory to get a quantitative result.

Symbols S, C, M, or B are used when a value has been estimated, and are in accordance with the Environmental Protection Agency's testing procedures.

#### Radiological analyses:

Radiological results are reported in picocuries per liter (pCi/L). The symbols "(+/-)" with a value afterwards indicate the amount of uncertainty in the result.

Test	Result
Gamma Analysis I-125	<3.8 pCi/sq/ft

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*Trans JG*  
*6/29/05*



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**Matt Blunt**  
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Laboratory Director

## Hazardous Waste Chemistry Test Report

LabNumber HW05Jun240078

DateReceived 6/24/2005 Date Reported 6/29/2005

Reported By DM

Todd Blanc  
Missouri Department of Health and Senior Services  
Section for Environmental Health  
P.O. Box 570  
Jefferson City, MO 65102

Customer MDHSS LAB NEWBORN SCREENING  
323 VETERANS LN  
JEFFERSON CITY, MO

### Laboratory Comments

(573)751-6160 or 1-866-628-9891

Site State Public Health Laboratory

CollectedBy STAN CARRENDER

DateCollected 6/24/2005 TimeCollected

Latitude Longitude

Comments # 2 SAMPLE GAMMA COUNTER BENCH SINK

### EXPLANATION OF WATER ANALYSIS REPORT:

#### General for all Analyses:

The values enclosed within parentheses preceded by an asterisk "\*" are U.S. Environmental Protection Agency (EPA) Maximum Contaminant Levels (MCLs). These are levels at which public drinking water suppliers are required to make modifications in their water treatment processes to reduce that chemical's level in order to protect the health of the people who use that water supply.

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The values enclosed within parenthesis preceded by two plus signs "++ ()" are EPA National Secondary Drinking Water Regulations (SDWRs) non-enforceable guidelines for contaminants in drinking water that may cause cosmetic or asthetic effects. EPA recommends secondary standards to water systems but does not require systems to comply.

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The symbol "<" means "less than".

#### Inorganic chemicals:

Inorganic results are in milligrams per liter (mg/L).

\*\* The Department of Health and Senior Services recommends a level of 1.0mg/L (PPM) fluoride for the prevention of dental cavities.

#### Organic chemicals:

Organic results are in micrograms per liter (ug/L).

The symbol D after a result indicates the sample required a dilution for the laboratory to get a quantitative result.

Symbols S, C, M, or B are used when a value has been estimated, and are in accordance with the Environmental Protection Agency's testing procedures.

#### Radiological analyses:

Radiological results are reported in picocuries per liter (pCi/L). The symbols "(+/-)" with a value afterwards indicate the amount of uncertainty in the result.

Test	Result
Gamma Analysis I-125	<3.8 pCi/sq/ft

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Trans  
6/29/05



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**Matt Blunt**  
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**Julia M. Eckstein**  
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## Hazardous Waste Chemistry Test Report

LabNumber HW05Jun240079

DateReceived 6/24/2005 Date Reported 6/29/2005

Reported By DM

**Todd Blanc**  
Missouri Department of Health and Senior Services  
Section for Environmental Health  
P.O. Box 570  
Jefferson City, MO 65102

**Customer** MDHSS LAB NEWBORN SCREENING  
323 VETERANS LN  
JEFFERSON CITY, MO

### Laboratory Comments

(573)751-6160 or 1-866-628-9891

Site State Public Health Laboratory

CollectedBy STAN CARRENDER

DateCollected 6/24/2005 TimeCollected

Latitude Longitude

Comments # 3 GAMMA COUNTER BENCH RM FLOOR

### EXPLANATION OF WATER ANALYSIS REPORT:

#### General for all Analyses:

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#### Inorganic chemicals:

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#### Organic chemicals:

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Symbols S, C, M, or B are used when a value has been estimated, and are in accordance with the Environmental Protection Agency's testing procedures.

#### Radiological analyses:

Radiological results are reported in picocuries per liter (pCi/L). The symbols "(+/-)" with a value afterwards indicate the amount of uncertainty in the result.

Test	Result
Gamma Analysis I-125	<3.8 pCi/sq/ft

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*Handwritten signature:* J. M. Eckstein  
6/29/05



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Laboratory Director

## Hazardous Waste Chemistry Test Report

LabNumber HW05Jun240080

Todd Blanc  
Missouri Department of Health and Senior Services  
Section for Environmental Health  
P.O. Box 570  
Jefferson City, MO 65102

DateReceived 6/24/2005 Date Reported 6/29/2005

Reported By DM

Customer MDHSS LAB NEWBORN SCREENING  
323 VETERANS LN  
JEFFERSON CITY, MO

Laboratory Comments

(573)751-6160 or 1-866-628-9891

Site State Public Health Laboratory

CollectedBy STAN CARRENDER

DateCollected 6/24/2005 TimeCollected

Latitude Longitude

Comments # 4 PREPARATION WORK BENCH T4 ROOM

### Test

### Result

Gamma Analysis I-125 <3.8 pCi/sq/ft

### EXPLANATION OF WATER ANALYSIS REPORT:

#### General for all Analyses:

The values enclosed within parentheses preceded by an asterisk "\*" (") are U.S. Environmental Protection Agency (EPA) Maximum Contaminant Levels (MCLs). These are levels at which public drinking water suppliers are required to make modifications in their water treatment processes to reduce that chemical's level in order to protect the health of the people who use that water supply.

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#### Inorganic chemicals:

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#### Organic chemicals:

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#### Radiological analyses:

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TRANS  
6/29/05



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**Matt Blunt**  
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Director

**Eric C. Blank, Dr. P.H.**  
Laboratory Director

## Hazardous Waste Chemistry Test Report

**LabNumber** HW05Jun240081

**Todd Blanc**  
Missouri Department of Health and Senior Services  
Section for Environmental Health  
P.O. Box 570  
Jefferson City, MO 65102

(573)751-6160 or 1-866-628-9891

**Site** State Public Health Laboratory

**CollectedBy** STAN CARRENDER

**DateCollected** 6/24/2005 **TimeCollected**

**Latitude** **Longitude**

**Comments** # 5 COMPUTER WORKBENCH T4 RM

**DateReceived** 6/24/2005 **Date Reported** 6/29/2005  
**Reported By** DM

**Customer** MDHSS LAB NEWBORN SCREENING  
323 VETERANS LN  
JEFFERSON CITY, MO

### Laboratory Comments

### EXPLANATION OF WATER ANALYSIS REPORT:

#### General for all Analyses:

The values enclosed within parentheses preceded by an asterisk "\*" are U.S. Environmental Protection Agency (EPA) Maximum Contaminant Levels (MCLs). These are levels at which public drinking water suppliers are required to make modifications in their water treatment processes to reduce that chemical's level in order to protect the health of the people who use that water supply.

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#### Radiological analyses:

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Test	Result
Gamma Analysis I-125	<3.8 pCi/sq/ft

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Wednesday, June 29, 2005

Page 1 of 1

*Trans 126*  
*6/29/05*



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Laboratory Director

## Hazardous Waste Chemistry Test Report

LabNumber HW05Jun240082

DateReceived 6/24/2005

Date Reported 6/29/2005

Reported By DM

Todd Blanc

Missouri Department of Health and Senior Services

Section for Environmental Health

P.O. Box 570

Jefferson City, MO 65102

Customer

MDHSS LAB NEWBORN SCREENING

323 VETERANS LN

JEFFERSON CITY, MO

Laboratory Comments

(573)751-6160 or 1-866-628-9891

Site State Public Health Laboratory

CollectedBy STAN CARRENDER

DateCollected 6/24/2005 TimeCollected

Latitude Longitude

Comments # 6 FLOOR T4 RM

### EXPLANATION OF WATER ANALYSIS REPORT:

#### General for all Analyses:

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#### Radiological analyses:

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### Test

### Result

Gamma Analysis I-125

<3.8 pCi/sq/ft

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Page 1 of 1

*Transcribed  
6/29/05*



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**Julla M. Eckstein**  
Director

**Eric C. Blank, Dr. P.H.**  
Laboratory Director

## Hazardous Waste Chemistry Test Report

**LabNumber** HW05Jun240083

**Todd Blanc**  
Missouri Department of Health and Senior Services  
Section for Environmental Health  
P.O. Box 570  
Jefferson City, MO 65102

**DateReceived** 6/24/2005 **Date Reported** 6/29/2005  
**Reported By** DM

**Customer** MDHSS LAB NEWBORN SCREENING  
323 VETERANS LN  
JEFFERSON CITY, MO

### Laboratory Comments

(573)751-6160 or 1-866-628-9891

**Site** State Public Health Laboratory

**CollectedBy** STAN CARRENDER

**DateCollected** 6/24/2005 **TimeCollected**

**Latitude** **Longitude**

**Comments** # 7 WAREHOUSE STORAGE SHELF # 1

### EXPLANATION OF WATER ANALYSIS REPORT:

#### General for all Analyses:

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Test	Result
Gamma Analysis I-125	<3.8 pCi/sq/ft

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*Trans 1/2  
6/29/05*





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Director

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Laboratory Director

## Hazardous Waste Chemistry Test Report

LabNumber HW05Jun240084

Todd Blanc  
Missouri Department of Health and Senior Services  
Section for Environmental Health  
P.O. Box 570  
Jefferson City, MO 65102

(573)751-6160 or 1-866-628-9891

Site State Public Health Laboratory

CollectedBy STAN CARRENDER

DateCollected 6/24/2005 TimeCollected

Latitude Longitude

Comments # 8 WAREHOUSE STORAGE SHELF # 2

DateReceived 6/24/2005 Date Reported 6/29/2005  
Reported By DM

Customer MDHSS LAB NEWBORN SCREENING  
323 VETERANS LN  
JEFFERSON CITY, MO

### Laboratory Comments

### EXPLANATION OF WATER ANALYSIS REPORT:

#### General for all Analyses:

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#### Radiological analyses:

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Test	Result
Gamma Analysis I-125	<3.8 pCi/sq/ft

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*Trans to  
6/29/05*



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Governor  
**Julia M. Eckstein**  
Director

**Eric C. Blank, Dr. P.H.**  
Laboratory Director

## Hazardous Waste Chemistry Test Report

LabNumber HW05Jun240085

**Todd Blanc**  
Missouri Department of Health and Senior Services  
Section for Environmental Health  
P.O. Box 570  
Jefferson City, MO 65102

(573)751-6160 or 1-866-628-9891

Site State Public Health Laboratory

CollectedBy STAN CARRENDER

DateCollected 6/24/2005 TimeCollected

Latitude Longitude

Comments # 9 WAREHOUSE STORAGE SHELF # 3

DateReceived 6/24/2005 Date Reported 6/29/2005

Reported By DM

Customer MDHSS LAB NEWBORN SCREENING  
323 VETERANS LN  
JEFFERSON CITY, MO

Laboratory Comments

### EXPLANATION OF WATER ANALYSIS REPORT:

#### General for all Analyses:

The values enclosed within parentheses preceded by an asterisk "\*" are U.S. Environmental Protection Agency (EPA) Maximum Contaminant Levels (MCLs). These are levels at which public drinking water suppliers are required to make modifications in their water treatment processes to reduce that chemical's level in order to protect the health of the people who use that water supply.

The values enclosed within parentheses preceded by a pound or number symbol "# ()" are EPA Action Levels. Exceeding Action Levels can require a public water supplier to institute a number of different activities such as increased sampling, corrosion control, and annual notification of customers about the chemical's concentration and its health risk.

The values enclosed within parenthesis preceded by two plus signs "++ ()" are EPA National Secondary Drinking Water Regulations (SDWRs) non-enforceable guidelines for contaminants in drinking water that may cause cosmetic or asthetic effects. EPA recommends secondary standards to water systems but does not require systems to comply.

If the chemical analyzed does not have an MCL or Action Level following it, no regulatory health standard has been set for that chemical. This occurs when chemicals are found in the sample that are not hazardous to health (or may actually be beneficial, such as some minerals) or are only harmful at levels so high that the water is unusable because of unpleasant taste and/or odor.

The symbol "<" means "less than".

#### Inorganic chemicals:

Inorganic results are in milligrams per liter (mg/L).

\*\* The Department of Health and Senior Services recommends a level of 1.0mg/L (PPM) fluoride for the prevention of dental cavities.

#### Organic chemicals:

Organic results are in micrograms per liter (ug/L).

The symbol D after a result indicates the sample required a dilution for the laboratory to get a quantitative result.

Symbols S, C, M, or B are used when a value has been estimated, and are in accordance with the Environmental Protection Agency's testing procedures.

#### Radiological analyses:

Radiological results are reported in picocuries per liter (pCi/L). The symbols "(+/-)" with a value afterwards indicate the amount of uncertainty in the result.

Test	Result
Gamma Analysis I-125	<3.8 pCi/sq/ft

The Missouri Department of Health and Senior Services is responsible for protecting and promoting the health of Missourians by assessing health status and needs, developing policies and priorities, and assuring that the state is responding appropriately.  
AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER — Services provided on a nondiscriminatory basis

*Handwritten signature and date:*  
J. Blank  
6/29/05



# State Public Health Laboratory

307 West McCarty Street, Jefferson City, MO 65101  
573-751-3334 FAX 573-751-7219



**Matt Blunt**  
Governor  
**Julia M. Eckstein**  
Director

**Eric C. Blank, Dr. P.H.**  
Laboratory Director

## Hazardous Waste Chemistry Test Report

**LabNumber** HW05Jun240086

**Todd Blanc**  
Missouri Department of Health and Senior Services  
Section for Environmental Health  
P.O. Box 570  
Jefferson City, MO 65102

(573)751-6160 or 1-866-628-9891

**Site** State Public Health Laboratory

**CollectedBy** STAN CARRENDER

**DateCollected** 6/24/2005 **TimeCollected**

**Latitude** **Longitude**

**Comments** # 10 WAREHOUSE BARRELL AND STORAGE  
AREA FLOOR

**DateReceived** 6/24/2005 **Date Reported** 6/29/2005

**Reported By** DM

**Customer** MDHSS LAB NEWBORN SCREENING  
323 VETERANS LN  
JEFFERSON CITY, MO

**Laboratory Comments**

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*Trans*  
*6/29/05*