

Commonwealth of Virginia  
Division of Consolidated Laboratory Services

600 North 5th St.  
Richmond, Virginia 23219  
804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
DCLS LIMS #: E240804574

**Mail To**

WILDERNESS WATER TREATMENT PLANT  
35249 WILDERNESS SHORES WAY  
LOCUST GROVE, VA 22508

**PWSID** 7600023  
**REGION** 7

ATTN: [REDACTED]

**Sample Information**

DATE RECEIVED	08/23/2024 15:45	ARRIVAL TEMP	5.7 C
SAMPLING DATE	08/23/2024 11:22	LOCATION	ENTRY POINT
COLLECTED BY	[REDACTED]		
SAMPLE MATRIX	DRINKING WATER		
ORDERED TEST	206-101 M524		
PROJECT NAME	N/A		

**Test Results**

APPROVED BY: [REDACTED], Group Manager      DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 524.2</u>					
	Dichlorodifluoromethane	< 0.50 ppb			08/23/2024
	Chloromethane	< 0.50 ppb			08/23/2024
	Vinyl Chloride	< 0.50 ppb	2		08/23/2024
	Bromomethane	< 0.50 ppb			08/23/2024
	Chloroethane	< 0.50 ppb			08/23/2024
	Trichlorofluoromethane	< 0.50 ppb			08/23/2024
	1,1-Dichloroethene	< 0.50 ppb	7		08/23/2024
	Methylene Chloride	< 0.50 ppb	5		08/23/2024
	trans-1,2-Dichloroethene	< 0.50 ppb	100		08/23/2024
	Methyl tert-Butyl Ether	< 5.0 ppb			08/23/2024
	1,1-Dichloroethane	< 0.50 ppb			08/23/2024
	cis-1,2-Dichloroethene	< 0.50 ppb	70		08/23/2024
	Bromochloromethane	< 0.50 ppb			08/23/2024
	Chloroform	36 ppb			08/23/2024
	2,2-Dichloropropane	< 0.50 ppb			08/23/2024
	1,2-Dichloroethane	< 0.50 ppb	5		08/23/2024
	1,1,1-Trichloroethane	< 0.50 ppb	200		08/23/2024
	1,1-Dichloropropene	< 0.50 ppb			08/23/2024
	Carbon Tetrachloride	< 0.50 ppb	5		08/23/2024
	Benzene	< 0.50 ppb	5		08/23/2024
	Dibromomethane	< 0.50 ppb			08/23/2024
	1,2-Dichloropropane	< 0.50 ppb	5		08/23/2024

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^. The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.

Commonwealth of Virginia  
Division of Consolidated Laboratory Services

600 North 5th St.  
Richmond, Virginia 23219  
804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
DCLS LIMS #: E240804574

**Test Results**      APPROVED BY: [REDACTED], Group Manager      DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 524.2</u>					
	Trichloroethene	< 0.50 ppb	5		08/23/2024
	Bromodichloromethane	3.6 ppb			08/23/2024
	cis-1,3-Dichloropropene	< 0.50 ppb			08/23/2024
	trans-1,3-Dichloropropene	< 0.50 ppb			08/23/2024
	1,1,2-Trichloroethane	< 0.50 ppb	5		08/23/2024
	Toluene	< 0.50 ppb	1000		08/23/2024
	1,3-Dichloropropane	< 0.50 ppb			08/23/2024
	Dibromochloromethane	< 0.50 ppb			08/23/2024
	Tetrachloroethylene	< 0.50 ppb	5		08/23/2024
	1,1,1,2-Tetrachloroethane	< 0.50 ppb			08/23/2024
	Chlorobenzene	< 0.50 ppb	100		08/23/2024
	Ethylbenzene	< 0.50 ppb	700		08/23/2024
	m,p-Xylenes	< 1.0 ppb			08/23/2024
	Bromoform	< 0.50 ppb			08/23/2024
	Styrene	< 0.50 ppb	100		08/23/2024
	1,1,2,2-Tetrachloroethane	< 0.50 ppb			08/23/2024
	o-Xylene	< 0.50 ppb			08/23/2024
	1,2,3-Trichloropropane	< 0.50 ppb			08/23/2024
	Isopropylbenzene	< 0.50 ppb			08/23/2024
	Bromobenzene	< 0.50 ppb			08/23/2024
	n-Propylbenzene	< 0.50 ppb			08/23/2024
	o-Chlorotoluene	< 0.50 ppb			08/23/2024
	p-Chlorotoluene	< 0.50 ppb			08/23/2024
	1,3,5-Trimethylbenzene	< 0.50 ppb			08/23/2024
	tert-Butylbenzene	< 0.50 ppb			08/23/2024
	1,2,4-Trimethylbenzene	< 0.50 ppb			08/23/2024
	sec-Butylbenzene	< 0.50 ppb			08/23/2024
	m-Dichlorobenzene	< 0.50 ppb			08/23/2024
	p-Isopropyltoluene	< 0.50 ppb			08/23/2024
	p-Dichlorobenzene	< 0.50 ppb	75		08/23/2024
	o-Dichlorobenzene	< 0.50 ppb	600		08/23/2024
	n-Butylbenzene	< 0.50 ppb			08/23/2024
	1,2,4-Trichlorobenzene	< 0.50 ppb	70		08/23/2024
	Naphthalene	< 0.50 ppb			08/23/2024

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^. The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.

Commonwealth of Virginia  
Division of Consolidated Laboratory Services

600 North 5th St.  
Richmond, Virginia 23219  
804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
DCLS LIMS #: E240804574

**Test Results**      APPROVED BY: [REDACTED], Group Manager      DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 524.2</u>					
	Hexachlorobutadiene	< 0.50 ppb			08/23/2024
	1,2,3-Trichlorobenzene	< 0.50 ppb			08/23/2024
	Total Xylenes	< 0.50 ppb	10000		08/23/2024

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^ . The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.

Commonwealth of Virginia  
 Division of Consolidated Laboratory Services

600 North 5th St.  
 Richmond, Virginia 23219  
 804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
 DCLS LIMS #: E240804575

**Mail To**

WILDERNESS WATER TREATMENT PLANT  
 35249 WILDERNESS SHORES WAY  
 LOCUST GROVE, VA 22508

PWSID 7600023  
 REGION 7

ATTN: [REDACTED]

**Sample Information**

DATE RECEIVED	08/23/2024 15:45	ARRIVAL TEMP	5.7 C
SAMPLING DATE	08/23/2024 11:50	LOCATION	LAKE TANK
COLLECTED BY	[REDACTED]		
SAMPLE MATRIX	DRINKING WATER		
ORDERED TEST	206-101 M524		
PROJECT NAME	N/A		

**Test Results**

APPROVED BY: [REDACTED] Group Manager DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 524.2</u>					
	Dichlorodifluoromethane	< 0.50 ppb			08/23/2024
	Chloromethane	< 0.50 ppb			08/23/2024
	Vinyl Chloride	< 0.50 ppb	2		08/23/2024
	Bromomethane	< 0.50 ppb			08/23/2024
	Chloroethane	< 0.50 ppb			08/23/2024
	Trichlorofluoromethane	< 0.50 ppb			08/23/2024
	1,1-Dichloroethene	< 0.50 ppb	7		08/23/2024
	Methylene Chloride	< 0.50 ppb	5		08/23/2024
	trans-1,2-Dichloroethene	< 0.50 ppb	100		08/23/2024
	Methyl tert-Butyl Ether	< 5.0 ppb			08/23/2024
	1,1-Dichloroethane	< 0.50 ppb			08/23/2024
	cis-1,2-Dichloroethene	< 0.50 ppb	70		08/23/2024
	Bromochloromethane	< 0.50 ppb			08/23/2024
	Chloroform	52 ppb			08/23/2024
	2,2-Dichloropropane	< 0.50 ppb			08/23/2024
	1,2-Dichloroethane	< 0.50 ppb	5		08/23/2024
	1,1,1-Trichloroethane	< 0.50 ppb	200		08/23/2024
	1,1-Dichloropropene	< 0.50 ppb			08/23/2024
	Carbon Tetrachloride	< 0.50 ppb	5		08/23/2024
	Benzene	< 0.50 ppb	5		08/23/2024
	Dibromomethane	< 0.50 ppb			08/23/2024
	1,2-Dichloropropane	< 0.50 ppb	5		08/23/2024

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^ . The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.

Commonwealth of Virginia  
Division of Consolidated Laboratory Services

600 North 5th St.  
Richmond, Virginia 23219  
804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
DCLS LIMS #: E240804575

**Test Results**      APPROVED BY: [REDACTED], Group Manager      DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 524.2</u>					
	Trichloroethene	< 0.50 ppb	5		08/23/2024
	Bromodichloromethane	5.0 ppb			08/23/2024
	cis-1,3-Dichloropropene	< 0.50 ppb			08/23/2024
	trans-1,3-Dichloropropene	< 0.50 ppb			08/23/2024
	1,1,2-Trichloroethane	< 0.50 ppb	5		08/23/2024
	Toluene	< 0.50 ppb	1000		08/23/2024
	1,3-Dichloropropane	< 0.50 ppb			08/23/2024
	Dibromochloromethane	< 0.50 ppb			08/23/2024
	Tetrachloroethylene	< 0.50 ppb	5		08/23/2024
	1,1,1,2-Tetrachloroethane	< 0.50 ppb			08/23/2024
	Chlorobenzene	< 0.50 ppb	100		08/23/2024
	Ethylbenzene	< 0.50 ppb	700		08/23/2024
	m,p-Xylenes	< 1.0 ppb			08/23/2024
	Bromoform	< 0.50 ppb			08/23/2024
	Styrene	< 0.50 ppb	100		08/23/2024
	1,1,2,2-Tetrachloroethane	< 0.50 ppb			08/23/2024
	o-Xylene	< 0.50 ppb			08/23/2024
	1,2,3-Trichloropropane	< 0.50 ppb			08/23/2024
	Isopropylbenzene	< 0.50 ppb			08/23/2024
	Bromobenzene	< 0.50 ppb			08/23/2024
	n-Propylbenzene	< 0.50 ppb			08/23/2024
	o-Chlorotoluene	< 0.50 ppb			08/23/2024
	p-Chlorotoluene	< 0.50 ppb			08/23/2024
	1,3,5-Trimethylbenzene	< 0.50 ppb			08/23/2024
	tert-Butylbenzene	< 0.50 ppb			08/23/2024
	1,2,4-Trimethylbenzene	< 0.50 ppb			08/23/2024
	sec-Butylbenzene	< 0.50 ppb			08/23/2024
	m-Dichlorobenzene	< 0.50 ppb			08/23/2024
	p-Isopropyltoluene	< 0.50 ppb			08/23/2024
	p-Dichlorobenzene	< 0.50 ppb	75		08/23/2024
	o-Dichlorobenzene	< 0.50 ppb	600		08/23/2024
	n-Butylbenzene	< 0.50 ppb			08/23/2024
	1,2,4-Trichlorobenzene	< 0.50 ppb	70		08/23/2024
	Naphthalene	< 0.50 ppb			08/23/2024

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^. The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.

Commonwealth of Virginia  
Division of Consolidated Laboratory Services

600 North 5th St.  
Richmond, Virginia 23219  
804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
DCLS LIMS #: E240804575

**Test Results**      APPROVED BY: [Redacted], Group Manager      DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 524.2</u>					
	Hexachlorobutadiene	< 0.50 ppb			08/23/2024
	1,2,3-Trichlorobenzene	< 0.50 ppb			08/23/2024
	Total Xylenes	< 0.50 ppb	10000		08/23/2024

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^. The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.



Commonwealth of Virginia  
 Division of Consolidated Laboratory Services

600 North 5th St.  
 Richmond, Virginia 23219  
 804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
 DCLS LIMS #: E240804576

**Mail To**

WILDERNESS WATER TREATMENT PLANT  
 35249 WILDERNESS SHORES WAY  
 LOCUST GROVE, VA 22508

**PWSID** 7600023  
**REGION** 7

ATTN: [REDACTED]

**Sample Information**

DATE RECEIVED	08/23/2024 15:45	ARRIVAL TEMP	5.7 C
SAMPLING DATE	08/23/2024 12:10	LOCATION	SCHOOL TANK
COLLECTED BY	[REDACTED]		
SAMPLE MATRIX	DRINKING WATER		
ORDERED TEST	206-101 M524		
PROJECT NAME	N/A		

**Test Results**

APPROVED BY: [REDACTED], Group Manager      DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 524.2</u>	Dichlorodifluoromethane	< 0.50 ppb			08/23/2024
	Chloromethane	< 0.50 ppb			08/23/2024
	Vinyl Chloride	< 0.50 ppb	2		08/23/2024
	Bromomethane	< 0.50 ppb			08/23/2024
	Chloroethane	< 0.50 ppb			08/23/2024
	Trichlorofluoromethane	< 0.50 ppb			08/23/2024
	1,1-Dichloroethene	< 0.50 ppb	7		08/23/2024
	Methylene Chloride	< 0.50 ppb	5		08/23/2024
	trans-1,2-Dichloroethene	< 0.50 ppb	100		08/23/2024
	Methyl tert-Butyl Ether	< 5.0 ppb			08/23/2024
	1,1-Dichloroethane	< 0.50 ppb			08/23/2024
	cis-1,2-Dichloroethene	< 0.50 ppb	70		08/23/2024
	Bromochloromethane	< 0.50 ppb			08/23/2024
	Chloroform	61 ppb			08/23/2024
	2,2-Dichloropropane	< 0.50 ppb			08/23/2024
	1,2-Dichloroethane	< 0.50 ppb	5		08/23/2024
	1,1,1-Trichloroethane	< 0.50 ppb	200		08/23/2024
	1,1-Dichloropropene	< 0.50 ppb			08/23/2024
	Carbon Tetrachloride	< 0.50 ppb	5		08/23/2024
	Benzene	< 0.50 ppb	5		08/23/2024
	Dibromomethane	< 0.50 ppb			08/23/2024
	1,2-Dichloropropane	< 0.50 ppb	5		08/23/2024

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^ . The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.

Commonwealth of Virginia  
Division of Consolidated Laboratory Services

600 North 5th St.  
Richmond, Virginia 23219  
804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
DCLS LIMS #: E240804576

**Test Results**      APPROVED BY: [Redacted] , Group Manager      DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 524.2</u>					
	Trichloroethene	< 0.50 ppb		5	08/23/2024
	Bromodichloromethane	5.7 ppb			08/23/2024
	cis-1,3-Dichloropropene	< 0.50 ppb			08/23/2024
	trans-1,3-Dichloropropene	< 0.50 ppb			08/23/2024
	1,1,2-Trichloroethane	< 0.50 ppb		5	08/23/2024
	Toluene	< 0.50 ppb		1000	08/23/2024
	1,3-Dichloropropane	< 0.50 ppb			08/23/2024
	Dibromochloromethane	< 0.50 ppb			08/23/2024
	Tetrachloroethylene	< 0.50 ppb		5	08/23/2024
	1,1,1,2-Tetrachloroethane	< 0.50 ppb			08/23/2024
	Chlorobenzene	< 0.50 ppb		100	08/23/2024
	Ethylbenzene	< 0.50 ppb		700	08/23/2024
	m,p-Xylenes	< 1.0 ppb			08/23/2024
	Bromoform	< 0.50 ppb			08/23/2024
	Styrene	< 0.50 ppb		100	08/23/2024
	1,1,2,2-Tetrachloroethane	< 0.50 ppb			08/23/2024
	o-Xylene	< 0.50 ppb			08/23/2024
	1,2,3-Trichloropropane	< 0.50 ppb			08/23/2024
	Isopropylbenzene	< 0.50 ppb			08/23/2024
	Bromobenzene	< 0.50 ppb			08/23/2024
	n-Propylbenzene	< 0.50 ppb			08/23/2024
	o-Chlorotoluene	< 0.50 ppb			08/23/2024
	p-Chlorotoluene	< 0.50 ppb			08/23/2024
	1,3,5-Trimethylbenzene	< 0.50 ppb			08/23/2024
	tert-Butylbenzene	< 0.50 ppb			08/23/2024
	1,2,4-Trimethylbenzene	< 0.50 ppb			08/23/2024
	sec-Butylbenzene	< 0.50 ppb			08/23/2024
	m-Dichlorobenzene	< 0.50 ppb			08/23/2024
	p-Isopropyltoluene	< 0.50 ppb			08/23/2024
	p-Dichlorobenzene	< 0.50 ppb		75	08/23/2024
	o-Dichlorobenzene	< 0.50 ppb		600	08/23/2024
	n-Butylbenzene	< 0.50 ppb			08/23/2024
	1,2,4-Trichlorobenzene	< 0.50 ppb		70	08/23/2024
	Naphthalene	< 0.50 ppb			08/23/2024

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^. The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.



Commonwealth of Virginia  
Division of Consolidated Laboratory Services

600 North 5th St.  
Richmond, Virginia 23219  
804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
DCLS LIMS #: E240804576

**Test Results**      APPROVED BY: [Redacted] Group Manager      DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 524.2</u>					
	Hexachlorobutadiene	< 0.50 ppb			08/23/2024
	1,2,3-Trichlorobenzene	< 0.50 ppb			08/23/2024
	Total Xylenes	< 0.50 ppb	10000		08/23/2024

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^. The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.

Commonwealth of Virginia  
Division of Consolidated Laboratory Services

600 North 5th St.  
Richmond, Virginia 23219  
804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
DCLS LIMS #: E240804577

**Mail To**

WILDERNESS WATER TREATMENT PLANT  
35249 WILDERNESS SHORES WAY  
LOCUST GROVE, VA 22508

**PWSID** 7600023  
**REGION** 7

ATTN: [REDACTED]

**Sample Information**

DATE RECEIVED	08/23/2024 15:45	ARRIVAL TEMP	5.7 C
SAMPLING DATE	08/23/2024 11:22	LOCATION	ENTRY POINT
COLLECTED BY	[REDACTED]		
SAMPLE MATRIX	DRINKING WATER		
ORDERED TEST	206-104 M525		
PROJECT NAME	N/A		

**Test Results**

APPROVED BY: [REDACTED], Analyst Senior      DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 525.2</u>					
	Hexachlorocyclopentadiene	< 0.5 ppb	50		08/23/2024
	Propachlor	< 0.5 ppb			08/23/2024
	Hexachlorobenzene	< 0.1 ppb	1		08/23/2024
	Simazine	< 0.5 ppb	4		08/23/2024
	Atrazine	< 0.5 ppb	3		08/23/2024
	Lindane	< 0.1 ppb	0.2		08/23/2024
	Metribuzin	< 0.5 ppb			08/23/2024
	Alachlor	< 0.2 ppb	2		08/23/2024
	Heptachlor	< 0.1 ppb	0.4		08/23/2024
	Metolachlor	< 0.5 ppb			08/23/2024
	Aldrin	< 0.5 ppb			08/23/2024
	Heptachlor epoxide	< 0.1 ppb	0.2		08/23/2024
	Butachlor	< 0.5 ppb			08/23/2024
	Dieldrin	< 0.5 ppb			08/23/2024
	Endrin	< 0.5 ppb	2		08/23/2024
	Bis (2-ethylhexyl) adipate	< 1 ppb	400		08/23/2024
	Methoxychlor	< 0.5 ppb	40		08/23/2024
	Bis (2-ethylhexyl) phthalate	< 2 ppb	6		08/23/2024
	Benzo(a)pyrene	< 0.11 ppb	0.2		08/23/2024
	Chlordane	< 0.2 ppb	2		08/23/2024
	Toxaphene	< 1 ppb	3		08/23/2024
	Polychlorinated biphenyls	< 0.3 ppb	0.5		08/23/2024

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^. The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.

Commonwealth of Virginia  
Division of Consolidated Laboratory Services

600 North 5th St.  
Richmond, Virginia 23219  
804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
DCLS LIMS #: E240804577

**Test Results**

APPROVED BY:

Analyst Senior

DATE APPROVED:

08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 525.2</u>					

METHOD QUALIFIER: Sample improperly preserved.

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.

Commonwealth of Virginia  
 Division of Consolidated Laboratory Services

600 North 5th St.  
 Richmond, Virginia 23219  
 804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
 DCLS LIMS #: E240804578

**Mail To**

WILDERNESS WATER TREATMENT PLANT  
 35249 WILDERNESS SHORES WAY  
 LOCUST GROVE, VA 22508

PWSID 7600023  
 REGION 7

ATTN: [REDACTED]

**Sample Information**

DATE RECEIVED	08/23/2024 15:45	ARRIVAL TEMP	5.7 C
SAMPLING DATE	08/23/2024 11:50	LOCATION	LAKE TANK
COLLECTED BY	[REDACTED]		
SAMPLE MATRIX	DRINKING WATER		
ORDERED TEST	206-104 M525		
PROJECT NAME	N/A		

**Test Results**

APPROVED BY: [REDACTED], Analyst Senior      DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 525.2</u>					
	Hexachlorocyclopentadiene	< 0.5 ppb	50		08/23/2024
	Propachlor	< 0.5 ppb			08/23/2024
	Hexachlorobenzene	< 0.1 ppb	1		08/23/2024
	Simazine	< 0.5 ppb	4		08/23/2024
	Atrazine	< 0.5 ppb	3		08/23/2024
	Lindane	< 0.1 ppb	0.2		08/23/2024
	Metribuzin	< 0.5 ppb			08/23/2024
	Alachlor	< 0.2 ppb	2		08/23/2024
	Heptachlor	< 0.1 ppb	0.4		08/23/2024
	Metolachlor	< 0.5 ppb			08/23/2024
	Aldrin	< 0.5 ppb			08/23/2024
	Heptachlor epoxide	< 0.1 ppb	0.2		08/23/2024
	Butachlor	< 0.5 ppb			08/23/2024
	Dieldrin	< 0.5 ppb			08/23/2024
	Endrin	< 0.5 ppb	2		08/23/2024
	Bis (2-ethylhexyl) adipate	< 1 ppb	400		08/23/2024
	Methoxychlor	< 0.5 ppb	40		08/23/2024
	Bis (2-ethylhexyl) phthalate	< 2 ppb	6		08/23/2024
	Benzo(a)pyrene	< 0.11 ppb	0.2		08/23/2024
	Chlordane	< 0.2 ppb	2		08/23/2024
	Toxaphene	< 1 ppb	3		08/23/2024
	Polychlorinated biphenyls	< 0.3 ppb	0.5		08/23/2024

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^ . The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.

Commonwealth of Virginia  
Division of Consolidated Laboratory Services

600 North 5th St.  
Richmond, Virginia 23219  
804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
DCLS LIMS #: E240804578

**Test Results**

APPROVED BY: [Redacted], Analyst Senior DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 525.2</u>					

METHOD QUALIFIER: Sample improperly preserved.

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.

Commonwealth of Virginia  
 Division of Consolidated Laboratory Services

600 North 5th St.  
 Richmond, Virginia 23219  
 804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
 DCLS LIMS #: E240804579

**Mail To**

WILDERNESS WATER TREATMENT PLANT  
 35249 WILDERNESS SHORES WAY  
 LOCUST GROVE, VA 22508

PWSID 7600023  
 REGION 7

ATTN: [REDACTED]

**Sample Information**

DATE RECEIVED	08/23/2024 15:45	ARRIVAL TEMP	5.7 C
SAMPLING DATE	08/23/2024 12:10	LOCATION	SCHOOL TANK
COLLECTED BY	[REDACTED]		
SAMPLE MATRIX	DRINKING WATER		
ORDERED TEST	206-104 M525		
PROJECT NAME	N/A		

**Test Results**

APPROVED BY: [REDACTED] Analyst Senior DATE APPROVED: 08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 525.2</u>					
	Hexachlorocyclopentadiene	< 0.5 ppb	50		08/23/2024
	Propachlor	< 0.5 ppb			08/23/2024
	Hexachlorobenzene	< 0.1 ppb	1		08/23/2024
	Simazine	< 0.5 ppb	4		08/23/2024
	Atrazine	< 0.5 ppb	3		08/23/2024
	Lindane	< 0.1 ppb	0.2		08/23/2024
	Metribuzin	< 0.5 ppb			08/23/2024
	Alachlor	< 0.2 ppb	2		08/23/2024
	Heptachlor	< 0.1 ppb	0.4		08/23/2024
	Metolachlor	< 0.5 ppb			08/23/2024
	Aldrin	< 0.5 ppb			08/23/2024
	Heptachlor epoxide	< 0.1 ppb	0.2		08/23/2024
	Butachlor	< 0.5 ppb			08/23/2024
	Dieldrin	< 0.5 ppb			08/23/2024
	Endrin	< 0.5 ppb	2		08/23/2024
	Bis (2-ethylhexyl) adipate	< 1 ppb	400		08/23/2024
	Methoxychlor	< 0.5 ppb	40		08/23/2024
	Bis (2-ethylhexyl) phthalate	< 2 ppb	6		08/23/2024
	Benzo(a)pyrene	< 0.11 ppb	0.2		08/23/2024
	Chlordane	< 0.2 ppb	2		08/23/2024
	Toxaphene	< 1 ppb	3		08/23/2024
	Polychlorinated biphenyls	< 0.3 ppb	0.5		08/23/2024

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^. The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.



Commonwealth of Virginia  
Division of Consolidated Laboratory Services

600 North 5th St.  
Richmond, Virginia 23219  
804-648-4480



**REPORT OF ANALYSIS**

Report Date: 08/27/2024  
DCLS LIMS #: E240804579

**Test Results**

APPROVED BY:

Analyst Senior

DATE APPROVED:

08/27/2024

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>PMCL</u>	<u>SMCL</u>	<u>ANALYSIS DATE</u>
<u>EPA 525.2</u>					

METHOD QUALIFIER: Sample improperly preserved.

**Explanation of Terms and Disclaimers**

PMCL is defined as the "Primary Maximum Contaminant Level." SMCL is defined as the "Secondary Maximum Contaminant Level". If blank, level not defined by EPA. Results denoted with an asterisk (\*) indicate that the PMCL is exceeded. Test Results meet requirements of NELAP. Non-NELAP accredited analyses noted by ^^.

**CONFIDENTIALITY NOTICE:** This report contains PRIVILEGED and CONFIDENTIAL INFORMATION. This report should not be reproduced, except in full, without the written approval of DCLS. If you have received this report in error, please notify DCLS immediately at (804) 648-4480 Ext. 171.