



STATE OF WASHINGTON
DEPARTMENT OF HEALTH
SOUTHWEST DRINKING WATER REGIONAL OPERATIONS
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TDD Relay 1-800-833-6388

February 28, 2011

Dave Danner, Executive Director
Utilities and Transportation Commission
1300 South Evergreen Park Drive Southwest
Olympia, Washington 98504

Subject: Green Mountain H2O, LLC; Docket UW-102014

Dear Mr. Danner:

At the February 3, 2011, pre-hearing, Docket UW-102014, we agreed to provide the enclosed monitoring and water quality information for the Columbia Crest Estates Water System. I have included information regarding coliform bacteria and arsenic, which are the two contaminants this water system has experienced. The information below will help you understand the data in the printouts.

ARSENIC DATA

This water system is required to collect one arsenic sample each quarter. We define the quarters as January-March, April-June, July-September, and October-December. The column labeled "Sample Collect Date" contains a list of dates where we have sample results. The arsenic concentration of each sample is listed under "Arsenic Result (mg/l)". The samples are all highlighted as "exceeds MCL of 0.010". The MCL is the maximum contaminant level, which is the maximum level allowed by EPA per the Safe Drinking Water Act.

The date when this water system became "out of compliance" is calculated based on their monitoring results, so it can be different for every water system. The Columbia Crest Estates Water System has exceeded the arsenic standard since May 31, 2007.

COLIFORM DATA

This water system is required to collect one coliform bacteria sample each month. The enclosed table is a summary of the sampling history and water quality since January 1, 2009. We can provide older data if needed. The gray highlight indicates the months when all requirements were met. The remaining months had violations as described by the following terms:

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- “Nonacute MCL” and “Major Repeat” mean coliform bacteria was present in the water. These are violations.
- “Major Monitoring” means none of the required samples were collected, so the water quality is unknown. This is a violation.

Public notification is required when any of the above violations occur; and certification that this notice was delivered is required. The rows labeled “Public Notification Form” indicate whether we received the required certification. Failure to provide required public notification is a violation.

The Columbia Crest Estates Water System was in violation of the coliform requirements for seven months since January 1, 2009.

If additional water quality data becomes available, I will provide it to you. If you have any questions about this information, please contact me or Gael Kantz at (360) 236-3030.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bonnie Waybright', with a stylized flourish at the end.

Bonnie Waybright, P.E.
Office of Drinking Water, Assistant Regional Manager

Enclosures

cc: Dan Class, Columbia Crest Estates
Chuck Tadlock, Columbia Crest Estates Homeowners Association
Michael Fassio, Utilities and Transportation Commission
Adam Torem, Utilities and Transportation Commission
Jim Ward, Utilities and Transportation Commission

COLUMBIA CREST ESTATES WATER SYSTEM, ID 07200P, COWLITZ COUNTY
 YEARS & MONTHS WITH COLIFORM VIOLATIONS AND
 WAS A PUBLIC NOTIFICATION FORM RECEIVED BY DOH

2009	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
Violation Type	None	Nonacute MCL	None	None	None	None	None	None	None	None	None	None
Public Notification Form		Received										

2010	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
Violation Type	None	Nonacute MCL	None	Major Monitoring	Major Monitoring	None	Major Repeat	Major Monitoring	None	None	Nonacute MCL	None
Public Notification Form		Received		Not Received	Not Received		Not Received	Not Received			Not Received	

2011	JANUARY
Violation Type	None
Public Notification Form	

Columbia Crest Arsenic Sample History since 1/1/2006

Water System Name	County	Test Panel	Sample Collect Date	WSID	Lab-Sample #	Sample Purpose	Source #	Result Range	Arsenic Result (mg/L)	Current Running Annual Average
COLUMBIA CREST ESTATES	COWLITZ	IOC	12/28/2006	07200P	089-14312	RC	01	EQ	0.029	source off-line as of 12/18/08 per BCA
COLUMBIA CREST ESTATES	COWLITZ	IOC_SHORT	05/31/2007	07200P	089-16691	RC	01	EQ	0.024	
COLUMBIA CREST ESTATES	COWLITZ	AR	06/27/2007	07200P	089-17206	RC	01	EQ	0.016	
COLUMBIA CREST ESTATES	COWLITZ	AR	10/24/2007	07200P	089-19624	RC	01	EQ	0.028	
COLUMBIA CREST ESTATES	COWLITZ	AR	11/28/2007	07200P	089-20124	RC	01	EQ	0.027	
COLUMBIA CREST ESTATES	COWLITZ	AR	05/28/2008	07200P	089-22443	RC	01	EQ	0.014	
COLUMBIA CREST ESTATES	COWLITZ	IOC_SHORT	07/30/2008	07200P	089-23414	RC	01	EQ	0.023	
COLUMBIA CREST ESTATES	COWLITZ	AR	09/24/2008	07200P	089-24441	RC	01	EQ	0.027	
COLUMBIA CREST ESTATES	COWLITZ	AR	01/28/2009	07200P	089-25976	RC	01	EQ	0.028	
COLUMBIA CREST ESTATES	COWLITZ	IOC	12/28/2006	07200P	089-14310	RC	02	EQ	0.023	
COLUMBIA CREST ESTATES	COWLITZ	IOC_SHORT	05/31/2007	07200P	089-16692	RC	02	EQ	0.027	
COLUMBIA CREST ESTATES	COWLITZ	AR	06/27/2007	07200P	089-17205	RC	02	EQ	0.023	
COLUMBIA CREST ESTATES	COWLITZ	AR	10/24/2007	07200P	089-19623	RC	02	EQ	0.014	
COLUMBIA CREST ESTATES	COWLITZ	AR	11/28/2007	07200P	089-20125	RC	02	EQ	0.011	
COLUMBIA CREST ESTATES	COWLITZ	AR	05/28/2008	07200P	089-22444	RC	02	EQ	0.025	
COLUMBIA CREST ESTATES	COWLITZ	IOC_SHORT	07/31/2008	07200P	089-23415	RC	02	EQ	0.009	
COLUMBIA CREST ESTATES	COWLITZ	AR	09/24/2008	07200P	089-24438	RC	02	EQ	0.014	
COLUMBIA CREST ESTATES	COWLITZ	AR	01/28/2009	07200P	089-25977	RC	02	EQ	0.012	
COLUMBIA CREST ESTATES	COWLITZ	IOC	12/26/2007	07200P	089-20494	RC	05	EQ	0.028	
COLUMBIA CREST ESTATES	COWLITZ	AR	05/28/2008	07200P	089-22445	RC	05	EQ	0.036	
COLUMBIA CREST ESTATES	COWLITZ	IOC_SHORT	07/30/2008	07200P	089-23416	RC	05	EQ	0.045	
COLUMBIA CREST ESTATES	COWLITZ	AR	09/24/2008	07200P	089-24439	RC	05	EQ	0.044	
COLUMBIA CREST ESTATES	COWLITZ	AR	01/28/2009	07200P	089-25975	RC	05	EQ	0.034	
COLUMBIA CREST ESTATES	COWLITZ	IOC	04/19/2009	07200P	017-34381	RC	05	EQ	0.025	
COLUMBIA CREST ESTATES	COWLITZ	AR	08/31/2009	07200P	017-80275	RC	05	EQ	0.044	
COLUMBIA CREST ESTATES	COWLITZ	AR	12/8/2009	07200P	017-18791	RC	05	EQ	0.031	
COLUMBIA CREST ESTATES	COWLITZ	AR	03/30/2010	07200P	017-29851	RC	05	EQ	0.04	
COLUMBIA CREST ESTATES	COWLITZ	IOC	07/25/2007	07200P	089-17712	RC	06	EQ	0.013	
COLUMBIA CREST ESTATES	COWLITZ	AR	05/28/2008	07200P	089-22446	RC	06	EQ	0.011	
COLUMBIA CREST ESTATES	COWLITZ	IOC_SHORT	07/31/2008	07200P	089-23413	RC	06	EQ	0.015	
COLUMBIA CREST ESTATES	COWLITZ	AR	09/24/2008	07200P	089-24440	RC	06	EQ	0.013	
COLUMBIA CREST ESTATES	COWLITZ	AR	01/28/2009	07200P	089-25978	RC	06	EQ	0.011	
COLUMBIA CREST ESTATES	COWLITZ	IOC_SHORT	04/19/2009	07200P	017-34382	RC	06	EQ	0.011	
COLUMBIA CREST ESTATES	COWLITZ	AR	08/31/2009	07200P	017-80274	RC	06	EQ	0.013	
COLUMBIA CREST ESTATES	COWLITZ	AR	12/8/2009	07200P	017-18792	RC	06	EQ	0.012	
COLUMBIA CREST ESTATES	COWLITZ	AR	03/30/2010	07200P	017-29852	RC	06	EQ	0.012	