

EXHIBIT LIST

Docket UW-102014

NUMBER	WITNESS	A/R	DATE	DESCRIPTION
1	Sandra Brentlinger			Biography of Sandra Brentlinger (1 page)
2				Coliform MCL History January 2009-February 2011 for Columbia Crest Estates Water System (2 pages)
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**Biography of Sandra (Sandy) Brentlinger
Department of Health Office of Drinking Water**

October 1983-1984. Clerk Typist for Operator Certification with Water Supply and Waste - Department of Social and Health Services. Main duties: sent out testing packets to operators, graded tests, sent out passing or non-passing notices, and general office duties.

1984. Southwest Regional Office – Office of Drinking Water, regulating Group A public water systems located within a twelve-county area.

Approximately 1985, I started handling the Coliform Program for the Southwest Regional Office and fully managed the program within a couple of years.

Currently: I am a Public Health Advisor 3 and manage the Coliform Program for the Southwest Regional Office. My Responsibilities include:

- Office expert for the Total Coliform Rule.
- Inform water system owners and operators, local health department staff, and consultants of the regulatory requirements of the Total Coliform Rule.
- Respond to unsatisfactory coliform sample results.
- Provide technical assistance to owners and operators.
- Issue violation letters.
- Respond to phone calls, emails, and written correspondence.

I am lead for the Health Advisory process for situations concerning E. coli contamination, water main breaks, systems out of water, etc... I develop advisory notices, provide technical assistance to the operators and owners, and track information regarding these advisories.

I am lead for the new federal Ground Water Rule. I respond to unsatisfactory coliform samples, provide technical assistance to water system owners and operators, local health department staff, and consultants and inform them of the regulatory requirements of the Groundwater Rule.

As time permits, I perform sanitary surveys of public water systems when there are persistent coliform contamination problems and also am assigned to conduct routine sanitary surveys.

I have given presentations at numerous conferences for water system owners and operators. I have also done training for local health department staff and for owners and operators of public water systems.

**COLUMBIA CREST ESTATES WATER SYSTEM
COWLITZ COUNTY, ID 07200P, Group A – Community**

COLIFORM MCL HISTORY JANUARY 2009 – FEBRUARY 2011

COMPLIANCE MONTH	WAC 246-290-310 Maximum Contaminant Levels (MCLs)	WAC 246-290-320 Follow-up Action	WAC 246-290-320 (2)(c) Refers to WAC 246-300 Monitoring Requirements Table 2* Minimum Monthly Routine Coliform Sampling Requirements - Last Column – When Any Samples with a Coliform Presence Were Collected During the Previous Month	RECORDKEEPING AND REPORTING WAC 246-290-480 (2)(n) and Part 7 – Reporting Subpart A - Public Notification and Consumer Information WAC 246-290-71001 – Public Notification (1)(b) and 40 CFR 141.203.(a) – Tier 2 Public Notice
2/11				
1/11				
12/10			Only three of the required five routine samples were collected and analyzed. These three routine samples had satisfactory results.	
11/10	Nonacute MCL WAC 246-290-310 (1)(a) and (2) (a)(b) and (d) (i) and (c)(i) (A)(B)	<ul style="list-style-type: none"> Four repeat samples were collected and analyzed as required by WAC 246-290-320 (2) (a) and (b). Not known if the customers were notified of the Nonacute MCL as required by WAC 246-290-320 (1) (b) (ii). Not known what follow-up action was done to determine the cause or to correct the contamination problem as required by WAC 246-290-320. 		Was a Certification received by ODW - No Was a copy of the Tier 2 Nonacute MCL notice received by ODW - No
10/10				
9/10				
8/10				
7/10				
6/10				
5/10				
4/10				
3/10			Five of the required five routine samples were collected and analyzed. All five routine samples had satisfactory results.	
2/10	Nonacute MCL	<ul style="list-style-type: none"> Five repeat samples were collected and analyzed as required by WAC 246-290-320 (2) 		Was a Certification received by ODW - Yes

<p>WAC 246-290-310 (1)(a) and (2) (a)(b) and (d) (i) and (c)(i) (A)(B)</p>	<p>(a) and (b). (Four samples are required; OK that five were collected.)</p> <ul style="list-style-type: none"> Not known if customers were notified of the Nonacute MCL as required by WAC 246-290-320 (1)(b)(iii). Not known what follow-up action was done to determine the cause or to correct the contamination problem as required by WAC 246-290-320. 		<p>Was a copy of the Tier 2 Nonacute MCL notice received by ODW - Yes</p>
1/10			
12/09			
11/09			
10/09			
9/09			
8/09			
7/09			
6/09			
5/09			
4/09			
3/09			
		The five required routine samples and one extra routine sample were collected and analyzed. All six routine samples had satisfactory results.	
2/09	<p>Nonacute MCL</p> <p>WAC 246-290-310 (1)(a) and (2) (a)(b) and (d) (i) and (c)(i) (A)(B)</p> <ul style="list-style-type: none"> Three of the required four repeat samples were collected as required by WAC 246-20-320(2) (a) and (b). Not known if customers were notified of the Nonacute MCL as required by WAC 246-290-320 (1) (b) (ii). Not known what follow-up action was done to determine the cause or to correct the contamination problem as required by WAC 246-290-320. 		<p>Was a Certification received by ODW - Yes</p> <p>Was a copy of the Tier 2 Nonacute MCL notice received by ODW - Yes</p>
1/09			

WAC 246-290-320 Follow-Up Action:
246-2990-320(a)(i) - The sample is analyzed for fecal coliform or *E. coli*. When a sample with a coliform presence is not analyzed for *E. coli* or fecal coliform, the sample shall be considered having a fecal coliform presence for MCL compliance purposes. (The samples were fully analyzed as required. The samples were satisfactory or unsatisfactory - total coliform positive, *E. coli* absent.)

*Table incorrectly labeled as Table 1 in WAC 246-290 - Revised 12/10.

Do not know if ODW was notified in all situations of the unsatisfactory samples by the owner or operator. ODW receives copies of the sample results from the laboratory that analyzed the samples.