

APPENDIX G

Stage 2 DBPR Compliance Monitoring Plan

Stage 2 DBP Monitoring Plan - Surface Water (Routine Monitoring)

System Name	Vader-Enchanted Valley Water System
PWSID#	90900
Date	04/24/2013
Completed by	Shirley Kook
Population	876

Initial Stage 2 Sampling Period First sampling period following **October 1, 2013**

Number of Samples Required 2 Samples per Quarter (1 TTHM and 1 HAA5)

You are required to take individual TTHM and HAA5 samples (instead of a dual sample set at the locations with the highest TTHM and HAA5 concentrations, respectively. If the highest TTHM and HAA5 concentrations occur at the same location (and month, if monitored annually) only one location with a dual sample set per monitoring period is needed.

	Stage 2 Compliance Monitoring Site ID	Projected Sampling Date (Date or week) - every 90 days			
		Period 1	Period 2	Period 3	Period 4
Highest TTHM	X3-B St./9th St.	Nov. 18, 2013	Feb. 17, 2014	May 19, 2014	Aug. 18, 2014
Highest HAA5	X3-B St./9th St.	Nov. 18, 2013	Feb. 17, 2014	May 19, 2014	Aug. 18, 2014

Determining Compliance for TTHM and HAA5

Our system is required to monitor quarterly. Each quarter we will calculate a locational running annual average (LRAA) for TTHM and HAA5 at each monitoring location. Compliance will be achieved if the TTHM and the HAA5 LRAA at each monitoring location for the four most recent quarters is less than or equal to 0.080 mg/L for TTHM and less than or equal to 0.060 mg/l for HAA5.

Disinfectant Monitoring

Chlorine residuals must be measured at the same time and place as routine or repeat coliform samples
MRDL for chlorine and chloramines = 4.0 mg/l as Cl₂

Determining Compliance for disinfectant residuals

Compliance is based on the running annual average (RAA) of 12 consecutive months
Daily residual measurements will / will not be included in the compliance calculations (circle one)

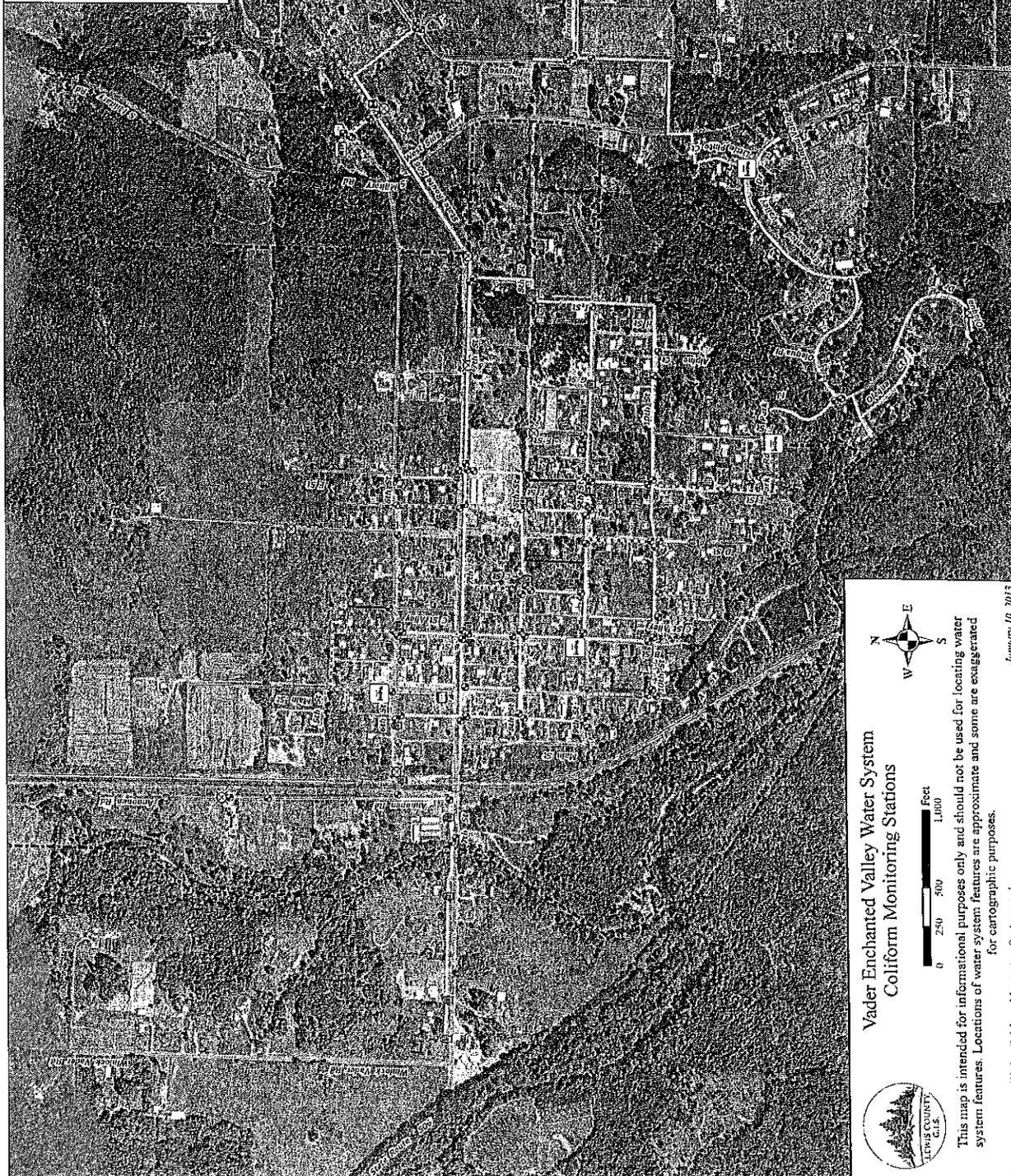
Attach a distribution map with sample locations

Comments

You will need to print a hard copy for your records and make it available upon request. You do not need to submit a copy to DOH.

If you need this publication in an alternate format, call (800) 525-0127. For TTY/TDD call (800) 833-6388.

	City Limits		10" Plastic		8" Ductile Iron
	Water Treatment Plant		8" Plastic		6" Ductile Iron
	Storage Reservoir		6" Plastic		1" Galvanized
	Intake Structure		4" Plastic		8" Unknown
	Shut-Off Valves		2" Plastic		6" Unknown
	Backflow Control		6" Transitite		4" Unknown
	Blowoff		4" Transitite		2" Unknown
	Pressure Reducer		10" Ductile Iron		Unknown
	Hydrants				
	Monitoring Stations				





Vander Enchanted Valley Water System
Coliform Monitoring Stations



0 250 500 1,000 Feet

January 10, 2013

This map is intended for informational purposes only and should not be used for locating water system features. Locations of water system features are approximate and some are exaggerated for cartographic purposes.

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