

Waterworks Compliance Inspection Human Consumptive Use

System Name: VALLEY RIDGE COMMUNITY CO-OP WATERWORKS **Remote Inspection ID:**
1155034
Approval No: 00055373-02-00
Population: 60 **Announced:** Yes
Date: 02-FEB-2018 08:30 **Person Interviewed:** SEEFRIED, NICOLE

General Section

Water Supplies in Service : PIPELINE (SURFACE) **System Classification:** NONE WT ONE WD
of Service Connections: 26 **System Type:** PIPELINE CONNECTED TO MUNICIPAL SYSTEM

Contacts

Name	Position	Phone / Fax	Email
PICHE, ALBERT	CERTIFIED OPERATOR	Phone: (306) 691-0031	N/A
BOULTON, JEFF	OTHER - SECRETARY	Phone: (306) 694-6435	N/A
SIMMS, JODI	OTHER - TREASURER		N/A
SEEFRIED, NICOLE	PRESIDENT	Cell: (306) 513-7287	NICOLE.SEEFRIED@MOASAICCO.COM
HOFFMAN, DONNA	ADMINISTRATOR	Phone: (306) 734-7645 Cell: (306) 533-5006	DONNA.HOFFMAN@SASKTEL.NET

Operator Certification Section

Operator Name	Certification Levels		Expiry Date
	Water Distribution	Water Treatment	
PICHE, ALBERT	ONE	SMALL SYSTEMS	15-FEB-2019

Test Results

Station #	Sample ID	Location/Comments	Variable	Measurement
SK05JG0197	2018066035	26 MUSTANG DRIVE	CHLORINE(FREE)	0.92 mg/L
			CHLORINE(TOTAL)	1.35 mg/L
			TURBIDITY	0.19 NTU

Equipment Validation

Chlorine

Equipment Type	Equipment Name/Number	STD1 (Expected, Test)	STD2 (Expected, Test)	STD3 (Expected, Test)	Result
PC II	N/A	(0.22, 0.21)	(0.91, 0.92)	(1.64, 1.61)	GOOD

Human Consumptive Regulatory Section

C=Compliant NC=Non-Compliant N/A=Not Applicable

C	NC	NA	General	Comments
X			Approved System EMPA2010 24(1)	
X			Certified Operator WWSW2010 62	
			Distribution System	
X			Disinfection of New and Repaired Pipelines WWSW2010 23(4)& 27(4)	
			Water Storage Reservoirs	
			Water Treatment Plants and Pumphouses	
			Disinfection	
X			Continuous Disinfection WWSW2010 27(5)	
X			A Free Chlorine Residual of not less than 0.1 mg/L in Water Entering the Distribution System WWSW2010 27(6)a	
	X		A Total Chlorine Residual of not less than 0.5 mg/L OR a Free Chlorine Residual of not less than 0.1 mg/L in Water throughout the Distribution System WWSW2010 27(6)b	2 BACTI SAMPLES WERE BELOW REQUIREMENTS OF CHLORINE.JAN 22 2017 AND FEB 26 2017.
			Standards	
X			Bacteriological WWSW2010 29	
	X		Chemical Standards WWSW2010 26(2,3) & 31	THE TRIHALOMETHANE STANDARD OF 100 PARTS PER BILLION WAS EXCEEDED IN 2017. THE AVERAGE OF THE 4 SEASONAL SAMPLES WAS 101.3 PARTS PER BILLION.
X			Waterworks meets the requirements of current and future chemical health and pesticide related standards(Effective Dec 2010 and July 1, 2020) See Table 3 WWSW2010 31	
			Assessment	
			Operational Anomalies	
X			Reported Upset Condition WWSW2010 34(1)	
X			Reported Chlorine Upset WWSW2010 34(2)	
X			Reported Missing On-site Water Quality Testing Records WWSW2010 34(2)c	
			Testing	
X			Bacteriological Testing WWSW2010 37(2)	
X			Bacteriological Follow-up WWSW2010 37(5) & 37(9)	
X			Bacteriological Sample after Completion, Alteration, Extension or Repair WWSW2010 38	
	X		Chlorine Monitoring WWSW2010 37(2)	SINCE LAST INSPECTION 22 DAYS WERE MISSED.IT IS A REQUIREMENT OF THE CO-OP'S PERMIT TO OPERATE THAT CHLORINE IS TESTED DAILY. CHLORINE IS TO BE TESTED DAILY.
			Other Constituents WWSW2010 37(2)a	
X			Trihalomethane sampling conducted	
X			Accredited Laboratory WWSW2010 37(2)b	
			Operational Records	

	X		Daily Water Meter Reading WWSW2010 40(1)a	CURRENT REGULATIONS REQUIRE A DAILY WATER METER READING OF THE QUANTITY OF WATER ENTERING THE DISTRIBUTION SYSTEM. THIS IS CURRENTLY NOT PRACTICAL IN THIS CASE AS THE METER IS LOCATED IN A MANHOLE.
X			Types, Dosages and Total amounts of Chemical WWSW2010 40(1)b	
X			Samples - Locations, Sampler, and Results WWSW2010 40(1)c	
X			Abnormal Operating Procedures WWSW2010 40(1)d & 40(1)e	
X			Upset Conditions WWSW2010 40(1)f	
X			Chlorine Upsets WWSW2010 40(1)g	
		X	Calibration of Equipment WWSW2010 40(1)h	
X			Maintenance WWSW2010 40(1)i	
X			Chronological Order WWSW2010 40(2)a	
X			Permittee Recorder WWSW2010 40(2)b	
X			Identification of Recorder WWSW2010 40(2)c	
X			Five Year History of Log WWSW2010 40(2)d	
X			Explanatory Notes WWSW2010 40(2)e	
X			Factual Data Entry WWSW2010 40(2)f	
X			No Default Values Used WWSW2010 40(2)g	
			QA/QC and Recordkeeping	
X			QA/QC in Place WWSW2010 41(1)	PLEASE ENSURE QUALITY ASSURANCE/QUALITY CONTROL PLAN AND EMERGENCY RESPONSE PLAN ARE KEPT UP TO DATE.
X			Monthly Review WWSW2010 41(2)	AN AUTHORISED PERSON SHOULD VIEW AND SIGN THE DAILY TEST RECORDS REGULARLY(MONTHLY). THEN NOTIFY THE WSA OF ANY MISSING TESTS ETC.
X			Report Abnormal or Missing Records WWSW2010 41(3)	
			Annual Notice To Customers	
X			Quality WWSW2010 42(1)a	
X			Compliance WWSW2010 42(1)b	
X			Notification of Consumer Report to Minister WWSW2010 42(2)	
			General	
			General comments	
X			Split sampling with the operator was completed	
X			Operator's test equipment is performing adequately	
X			Representative of the waterworks signature was obtained	YES
X			Representative of the waterworks agreed with the inspection statements	YES

Nadine Seepred

(Operator/Supervisor Signature)

JS

Agree with statements

A. H. Okey

(EPO Signature)