



KANSAS HEALTH AND ENVIRONMENTAL LABORATORIES
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: DAVID GEHRKE
 PO BOX 31
 17 N BROADWAY
 HERINGTON KS 67449

Analysis Code: WS Lab Number: 595580
 K7000 HERINGTON, CITY OF
 Site ID: 00122832
 Account Code: PE

Collection Location: WATER TREATMENT PLANT
 Collector: D GEHRKE
 Date/Time Collected: 05/06/13 14:00

Matrix: Water Collect Depth:
 Date/Time Received: 05/07/13 10:07

Sample Comments:

Parameter	Analytical Result	Units	Analysis Date	Analytical Method
Alkalinity as CaCO3	156	mg/L	05/08/13	SM 2320B
Aluminum	24	ug/L	05/15/13	EPA 200.8
Antimony	< 1.0	ug/L	05/15/13	EPA 200.8
Arsenic	2.9	ug/L	05/15/13	EPA 200.8
Barium	130	ug/L	05/15/13	EPA 200.8
Beryllium	< 1.0	ug/L	05/15/13	EPA 200.8
Cadmium	< 1.0	ug/L	05/15/13	EPA 200.8
Calcium	68	mg/L	05/13/13	EPA 200.7
Chloride	120	mg/L	05/08/13	EPA 300.0
Chromium	2.3	ug/L	05/15/13	EPA 200.8
Copper	27	ug/L	05/15/13	EPA 200.8
Corrosivity	0.051	LI	05/23/13	Langlier Idx
Fluoride	0.39	mg/L	05/08/13	EPA 300.0
Iron	< 0.010	mg/L	05/13/13	EPA 200.7
Lead	< 1.0	ug/L	05/15/13	EPA 200.8
Magnesium	36	mg/L	05/13/13	EPA 200.7
Manganese	< 1.0	ug/L	05/15/13	EPA 200.8
Mercury	< 0.50	ug/L	05/16/13	EPA 245.1
Nickel	1.2	ug/L	05/15/13	EPA 200.8
Nitrate (N)	0.51	mg/L	05/08/13	EPA 300.0
Potassium	6.4	mg/L	05/13/13	EPA 200.7
Selenium	6.2	ug/L	05/15/13	EPA 200.8
Silica	0.82	mg/L	05/13/13	EPA 200.7
Silver	< 1.0	ug/L	05/15/13	EPA 200.8
Sodium	56	mg/L	05/13/13	EPA 200.7
Specific Conductivity	910	µS/cm	05/08/13	SM 2510B
Sulfate	110	mg/L	05/08/13	EPA 300.0
Thallium	< 1.0	ug/L	05/15/13	EPA 200.8
Total Dissolved Solids	500	mg/L	05/23/13	USGS I751-8
Total Hardness	320	mg/L	05/23/13	SM 2340B
Total Phosphorus (P)	0.65	mg/L	05/21/13	EPA 365.1
Turbidity	< 0.15	NTU	05/07/13	SM 2130B
Zinc	0.034	mg/L	05/13/13	EPA 200.7
pH	7.6	pH unit	05/08/13	EPA 150.1

Reporting Analyst: JAB
 Date Reported: 05/24/13
 Copies To: File
 BOW-PWSS

< - Not Detected at Indicated Level
 * - Holding Time Exceeded