



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: 578569
 K7000 HERINGTON, CITY OF
 Site ID: 00122832
 Account Code: PE

Collection Location: WATER TREATMENT PLANT
 Collector: D GEHRKE
 Date/Time Collected: 05/08/12 12:10

Matrix: Water Collect Depth:
 Date/Time Received: 05/09/12 10:27

Sample Comments:

Parameter	Analytical Result	Units	Analysis Date	Analytical Method
Alkalinity as CaCO3	168	mg/L	05/09/12	SM 2320B
Aluminum	75	ug/L	05/11/12	EPA 200.8
Antimony	< 1.0	ug/L	05/11/12	EPA 200.8
Arsenic	3.0	ug/L	05/11/12	EPA 200.8
Barium	120	ug/L	05/11/12	EPA 200.8
Beryllium	< 1.0	ug/L	05/11/12	EPA 200.8
Cadmium	< 1.0	ug/L	05/11/12	EPA 200.8
Calcium	70	mg/L	05/10/12	EPA 200.7
Chloride	90	mg/L	05/09/12	EPA 300.0
Chromium	1.6	ug/L	05/11/12	EPA 200.8
Copper	20	ug/L	05/11/12	EPA 200.8
Corrosivity	0.20	LI	05/17/12	Langlier Idx
Fluoride	0.39	mg/L	05/09/12	EPA 300.0
Iron	< 0.010	mg/L	05/10/12	EPA 200.7
Lead	< 1.0	ug/L	05/11/12	EPA 200.8
Magnesium	30	mg/L	05/10/12	EPA 200.7
Manganese	< 1.0	ug/L	05/11/12	EPA 200.8
Mercury	< 0.50	ug/L	05/16/12	EPA 245.1
Nickel	< 1.0	ug/L	05/11/12	EPA 200.8
Nitrate (N)	0.63	mg/L	05/09/12	EPA 300.0
Potassium	6.3	mg/L	05/10/12	EPA 200.7
Selenium	4.3	ug/L	05/11/12	EPA 200.8
Silica	0.77	mg/L	05/10/12	EPA 200.7
Silver	< 1.0	ug/L	05/11/12	EPA 200.8
Sodium	44	mg/L	05/10/12	EPA 200.7
Specific Conductivity	800	µS/cm	05/09/12	SM 2510B
Sulfate	92	mg/L	05/09/12	EPA 300.0
Thallium	< 1.0	ug/L	05/11/12	EPA 200.8
Total Dissolved Solids	440	mg/L	05/17/12	USGS I751-8
Total Hardness	300	mg/L	05/17/12	SM 2340B
Total Phosphorus (P)	0.47	mg/L	05/14/12	EPA 365.1
Turbidity	< 0.15	NTU	05/09/12	SM 2130B
Zinc	0.0091	mg/L	05/10/12	EPA 200.7
pH	7.7	pH unit	05/09/12	EPA 150.1

Reporting Analyst: MDB
 Date Reported: 05/17/12
 Copies To: File
 BOW-PWSS

MDB

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