Soil, Water & Forage Analytical Laboratory

Oklahoma State University Division of Agricultural Sciences and Natural Resources
045 Agricultural Hall
Stillwater, OK 74078
Email: soiltesting@okstate.edu
Website: www.soiltesting.okstate.edu

WATER QUALITY REPORT

CARL E. WILLS (6EN-WR)
CARL E WILLS (6EN-WR)
US EPA REGION 6
1445 ROSS AVE SUITE 1200
DALLAS, TX 75202
(214) 665-7276

Name : **1A-Upstream (North of Road)**

Location : **Bird Creek (SE 12-T27N-R7E)**
Osage County, OK

Lab ID No.: : **820711**
Customer Code : **1361**
Sample No. : **1**
Received : **10/6/2016**
Report Date : **10/10/2016**

Test Results for Irrigation Water

---------- Cations ----------		---------- Anions ----------		---------- Other ----------	
Sodium (ppm)	17	Nitrate-N (ppm)	<1	pH	7.5
Calcium (ppm)	47	Chloride (ppm)	87	EC (µmhos/cm)	454
Magnesium (ppm)	7	Sulfate (ppm)	35		
Potassium (ppm)	8	Boron (ppm)	0.02		
		Bicarbonate (ppm)	56		

---------- Derived Values ----------		-------- Derived Values(cont'd) ----------	
Total Dissolved Salts (TDS in ppm)	299.6	Sodium Percentage	19.9 %
Sodium Adsorption Ratio (SAR)	0.6	Hardness (ppm)	146.0
Potassium Adsorption Ratio (PAR)	0.2	Hardness Class	Hard
		Alkalinity (ppm as $CaCO_3$)	45.6

INTERPRETATION AND REQUIREMENTS FOR *Irrigation Water*

The total dissolved salt and sodium content of this water are low enough that no problem should result from its use.

Signature

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DALLAS, TX 75202
(214) 665-7276

Name : 1A-Upstream (North of Road)

Location : Bird Creek (SE 12-T27N-R7E)
Osage County, OK

Lab ID No.: : 820711
Customer Code : 1361
Sample No. : 1
Received : 10/6/2016
Report Date : 10/10/2016

Test Results for Livestock Water

Analysis	Sample Results	Livestock Water Limits
Boron (ppm)	0.02	< 5 ppm
Calcium (ppm)	47.33	No Guidelines
Chloride (ppm)	86.87	< 600 ppm
Copper (ppm)	<DL*	<0.5 ppm
Iron (ppm)	1.26	No Guidelines
Magnesium (ppm)	6.79	No Guidelines
Manganese (ppm)	0.01	No Guidelines
Nitrate-N (ppm)	0.64	< 100 ppm
Potassium (ppm)	8	No Guidelines
Sodium (ppm)	16.64	< 1000 ppm
Sulfate (ppm)	35.06	<1000 ppm
Zinc (ppm)	< DL*	< 25 ppm
EC (µmhos/cm)	454	No Guidelines
ICAP_P ppm	---	No Guidelines
Hardness (ppm, 17.1 ppm = 1 grain/gal)	146.0	No Guidelines
Hardness Class	Hard	No Guidelines
pH	7.5	5.5-9.0
Total Dissolved Salts(TDS) (ppm)	299.6	<3000 ppm

* DL : Detection Limit

Signature

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Name : 1A-Upstream (North of Road)

Location : Bird Creek (SE 12-T27N-R7E)
Osage County, OK

Lab ID No.: : 820711
Customer Code : 1361
Sample No. : 1
Received : 10/6/2016
Report Date : 10/10/2016

Test Results for Household Water

Analysis	Sample Results	EPA Drinking Water Limits
Boron (ppm)	0.02	< 2.4
Calcium (ppm)	47.33	No Guidelines
Chloride (ppm)	86.87	< 250 ppm (#)
Copper (ppm)	< DL*	<1.0 ppm (#)
Iron (ppm)	1.26	< 0.3 ppm (#)
Magnesium (ppm)	6.79	No Guidelines
Manganese (ppm)	0.01	< 0.05 ppm (#)
Nitrate-N (ppm)	0.64	< 10 ppm
Potassium (ppm)	8	No Guidelines
Sodium (ppm)	16.64	No Guidelines
Sulfate (ppm)	35.06	< 250 ppm (#)
Zinc (ppm)	< DL*	< 5.0 ppm (#)
EC (µmhos/cm)	454	No Guidelines
Hardness (ppm, 17.1 ppm = 1 grain/gal)	146.0	No Guidelines
Hardness Class	Hard	< 120
pH	7.5	6.5 - 8.5 (#)
Sodium Percentage (%)	19.9	No Guidelines
Total Dissolved Solids (TDS) (ppm)	299.6	<500 ppm (#)

* DL : Detection Limit

(#) Secondary standards are non-enforceable guidelines regulating contaminants that may cause cosmetic or aesthetic effects.
If any of the above analysis exceeds EPA standards, you should seek advise from the Oklahoma Department of Environmental Quality or local Health Department.
This water analysis does NOT include testing for bacteria, organic chemicals, and heavy metals. This lab is not certified by DEQ for drinking water analysis.

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(214) 665-7276

Name : **1B-Pool (South of Road)**

Location : **Bird Creek (SE 12-T27N-R7E)**
Osage County, OK

Lab ID No.: : **820712**
Customer Code : **1361**
Sample No. : **2**
Received : **10/6/2016**
Report Date : **10/10/2016**

Test Results for Irrigation Water

---------- Cations ----------		---------- Anions ----------		---------- Other ----------	
Sodium (ppm)	20812	Nitrate-N (ppm)	<1	pH	6.9
Calcium (ppm)	4751	Chloride (ppm)	40699	EC (µmhos/cm)	99500
Magnesium (ppm)	1365	Sulfate (ppm)	49		
Potassium (ppm)	58	Boron (ppm)	1.47		
		Bicarbonate (ppm)	61		

---------- Derived Values ----------		-------- Derived Values(cont'd) ----------	
Total Dissolved Salts (TDS in ppm)	67795.3	Sodium Percentage	72.2 %
Sodium Adsorption Ratio (SAR)	68.5	Hardness (ppm)	17470.8
Potassium Adsorption Ratio (PAR)	0.1	Hardness Class	Very Hard
		Alkalinity (ppm as CaCO3)	49.8

INTERPRETATION AND REQUIREMENTS FOR *Irrigation Water*

Water of this quality is not recommended for crop irrigation due to its high total dissolved salts and/or sodium level.
Boron toxicity may occur in poorly drained soils.

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(214) 665-7276

Name : 1B-Pool (South of Road)

Location : Bird Creek (SE 12-T27N-R7E)
Osage County, OK

Lab ID No.: : 820712
Customer Code : 1361
Sample No. : 2
Received : 10/6/2016
Report Date : 10/10/2016

Test Results for Livestock Water

Analysis	Sample Results	Livestock Water Limits
Boron (ppm)	1.47	< 5 ppm
Calcium (ppm)	4751.23	No Guidelines
Chloride (ppm)	40699	< 600 ppm
Copper (ppm)	0.10	< 0.5 ppm
Iron (ppm)	0.1	No Guidelines
Magnesium (ppm)	1365.04	No Guidelines
Manganese (ppm)	0.02	No Guidelines
Nitrate-N (ppm)	0.14	< 100 ppm
Potassium (ppm)	58	No Guidelines
Sodium (ppm)	20812.1	< 1000 ppm
Sulfate (ppm)	48.98	<1000 ppm
Zinc (ppm)	0.01	< 25 ppm
EC (µmhos/cm)	99500	No Guidelines
ICAP_P ppm	---	No Guidelines
Hardness (ppm, 17.1 ppm = 1 grain/gal)	17470.8	No Guidelines
Hardness Class	Very Hard	No Guidelines
pH	6.9	5.5-9.0
Total Dissolved Salts(TDS) (ppm)	67795.3	<3000 ppm

* DL : Detection Limit

This water may be objectionable because it is less than the guideline of 1000mg Na/L.
Serious effects including death become likely at 5000mg/L.We recommend keeping drinking water Na concentration less than 1000mg/L(chronic exposure criteria).This assumes normal feedstuff Na concentration and no other water sources;these concentrations should protect against acute lethality or chronically poor performance.Short term exposure(days-weeks) should not exceed 4000 mg Na/L
This water may be objectionable because it exceeds the guideline of 600mg Chloride/L

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Name : 1B-Pool (South of Road)

Location : Bird Creek (SE 12-T27N-R7E)
Osage County, OK

Lab ID No.: : 820712
Customer Code : 1361
Sample No. : 2
Received : 10/6/2016
Report Date : 10/10/2016

Test Results for Household Water

Analysis	Sample Results	EPA Drinking Water Limits
Boron (ppm)	1.47	< 2.4
Calcium (ppm)	4751.23	No Guidelines
Chloride (ppm)	40699	< 250 ppm (#)
Copper (ppm)	0.10	< 1.0 ppm (#)
Iron (ppm)	0.1	< 0.3 ppm (#)
Magnesium (ppm)	1365.04	No Guidelines
Manganese (ppm)	0.02	< 0.05 ppm (#)
Nitrate-N (ppm)	0.14	< 10 ppm
Potassium (ppm)	58	No Guidelines
Sodium (ppm)	20812.1	No Guidelines
Sulfate (ppm)	48.98	< 250 ppm (#)
Zinc (ppm)	0.01	< 5.0 ppm (#)
EC (µmhos/cm)	99500	No Guidelines
Hardness (ppm, 17.1 ppm = 1 grain/gal)	17470.8	No Guidelines
Hardness Class	Very Hard	< 120
pH	6.9	6.5 - 8.5 (#)
Sodium Percentage (%)	72.2	No Guidelines
Total Dissolved Solids (TDS) (ppm)	67795.3	<500 ppm (#)

* DL : Detection Limit

(#) Secondary standards are non-enforceable guidelines regulating contaminants that may cause cosmetic or aesthetic effects.
If any of the above analysis exceeds EPA standards, you should seek advise from the Oklahoma Department of Environmental Quality or local Health Department.
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DALLAS, TX 75202
(214) 665-7276

Name : **1C-Duplicate(South of Road)**

Location : **Bird Creek (SE 12-T27N-R7E)**
Osage County, OK

Lab ID No.: : **820713**
Customer Code : **1361**
Sample No. : **3**
Received : **10/6/2016**
Report Date : **10/10/2016**

Test Results for Irrigation Water

---------- Cations ----------		---------- Anions ----------		---------- Other ----------	
Sodium (ppm)	20810	Nitrate-N (ppm)	<1	pH	6.9
Calcium (ppm)	4749	Chloride (ppm)	42655	EC (µmhos/cm)	100100
Magnesium (ppm)	1432	Sulfate (ppm)	51		
Potassium (ppm)	62	Boron (ppm)	1.59		
		Bicarbonate (ppm)	64		

---------- Derived Values ----------		-------- Derived Values(cont'd) ----------	
Total Dissolved Salts (TDS in ppm)	69821.9	Sodium Percentage	71.8 %
Sodium Adsorption Ratio (SAR)	68.0	Hardness (ppm)	17741.4
Potassium Adsorption Ratio (PAR)	0.1	Hardness Class	Very Hard
		Alkalinity (ppm as CaCO3)	52.1

INTERPRETATION AND REQUIREMENTS FOR *Irrigation Water*

Water of this quality is not recommended for crop irrigation due to its high total dissolved salts and/or sodium level.
Boron toxicity may occur in poorly drained soils.

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Name : 1C-Duplicate(South of Road)

Location : Bird Creek (SE 12-T27N-R7E)
Osage County, OK

Lab ID No.: : 820713
Customer Code : 1361
Sample No. : 3
Received : 10/6/2016
Report Date : 10/10/2016

Test Results for Livestock Water

Analysis	Sample Results	Livestock Water Limits
Boron (ppm)	1.59	< 5 ppm
Calcium (ppm)	4748.7	No Guidelines
Chloride (ppm)	42655	< 600 ppm
Copper (ppm)	0.10	< 0.5 ppm
Iron (ppm)	0.1	No Guidelines
Magnesium (ppm)	1432.35	No Guidelines
Manganese (ppm)	<DL*	No Guidelines
Nitrate-N (ppm)	0.13	< 100 ppm
Potassium (ppm)	62	No Guidelines
Sodium (ppm)	20809.6	< 1000 ppm
Sulfate (ppm)	50.51	<1000 ppm
Zinc (ppm)	0.01	< 25 ppm
EC (µmhos/cm)	100100	No Guidelines
ICAP_P ppm	---	No Guidelines
Hardness (ppm, 17.1 ppm = 1 grain/gal)	17741.4	No Guidelines
Hardness Class	Very Hard	No Guidelines
pH	6.9	5.5-9.0
Total Dissolved Salts(TDS) (ppm)	69821.9	<3000 ppm

* DL : Detection Limit

This water may be objectionable because it is less than the guideline of 1000mg Na/L.
Serious effects including death become likely at 5000mg/L.We recommend keeping drinking water Na concentration less than 1000mg/L(chronic exposure criteria).This assumes normal feedstuff Na concentration and no other water sources;these concentrations should protect against acute lethality or chronically poor performance.Short term exposure(days-weeks) should not exceed 4000 mg Na/L
This water may be objectionable because it exceeds the guideline of 600mg Chloride/L

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Name : 1C-Duplicate(South of Road)

Location : Bird Creek (SE 12-T27N-R7E)
Osage County, OK

Lab ID No.: : 820713
Customer Code : 1361
Sample No. : 3
Received : 10/6/2016
Report Date : 10/10/2016

Test Results for Household Water

Analysis	Sample Results	EPA Drinking Water Limits
Boron (ppm)	1.59	< 2.4
Calcium (ppm)	4748.7	No Guidelines
Chloride (ppm)	42655	< 250 ppm (#)
Copper (ppm)	0.10	< 1.0 ppm (#)
Iron (ppm)	0.1	< 0.3 ppm (#)
Magnesium (ppm)	1432.35	No Guidelines
Manganese (ppm)	< DL*	< 0.05 ppm (#)
Nitrate-N (ppm)	0.13	< 10 ppm
Potassium (ppm)	62	No Guidelines
Sodium (ppm)	20809.6	No Guidelines
Sulfate (ppm)	50.51	< 250 ppm (#)
Zinc (ppm)	0.01	< 5.0 ppm (#)
EC (µmhos/cm)	100100	No Guidelines
Hardness (ppm, 17.1 ppm = 1 grain/gal)	17741.4	No Guidelines
Hardness Class	Very Hard	< 120
pH	6.9	6.5 - 8.5 (#)
Sodium Percentage (%)	71.8	No Guidelines
Total Dissolved Solids (TDS) (ppm)	69821.9	<500 ppm (#)

* DL : Detection Limit

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(214) 665-7276

Name : **2-Jireh (@ Well 18W)**

Location : **Bird Creek (SW 1-T27N-R7E)**
Osage County, OK

Lab ID No.: : **820714**
Customer Code : **1361**
Sample No. : **4**
Received : **10/6/2016**
Report Date : **10/10/2016**

Test Results for Irrigation Water

---------- Cations ----------		---------- Anions ----------		---------- Other ----------	
Sodium (ppm)	49111	Nitrate-N (ppm)	<1	pH	6.3
Calcium (ppm)	9627	Chloride (ppm)	99594	EC (µmhos/cm)	179600
Magnesium (ppm)	1770	Sulfate (ppm)	41		
Potassium (ppm)	531	Boron (ppm)	8.54		
		Bicarbonate (ppm)	104		

---------- Derived Values ----------		-------- Derived Values(cont'd) ----------	
Total Dissolved Salts (TDS in ppm)	160778.6	Sodium Percentage	77.3 %
Sodium Adsorption Ratio (SAR)	120.7	Hardness (ppm)	31304.2
Potassium Adsorption Ratio (PAR)	0.8	Hardness Class	Very Hard
		Alkalinity (ppm as CaCO3)	85.1

INTERPRETATION AND REQUIREMENTS FOR *Irrigation Water*

Water of this quality is not recommended for crop irrigation due to its high total dissolved salts and/or sodium level.

This water is not recommended for irrigation use because of its high boron content.

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Name : 2-Jireh (@ Well 18W)

Location : Bird Creek (SW 1-T27N-R7E)
Osage County, OK

Lab ID No.: : 820714
Customer Code : 1361
Sample No. : 4
Received : 10/6/2016
Report Date : 10/10/2016

Test Results for Livestock Water

Analysis	Sample Results	Livestock Water Limits
Boron (ppm)	8.54	< 5 ppm
Calcium (ppm)	9627.19	No Guidelines
Chloride (ppm)	99594	< 600 ppm
Copper (ppm)	0.10	< 0.5 ppm
Iron (ppm)	10.41	No Guidelines
Magnesium (ppm)	1770.4	No Guidelines
Manganese (ppm)	2.49	No Guidelines
Nitrate-N (ppm)	< DL*	< 100 ppm
Potassium (ppm)	531	No Guidelines
Sodium (ppm)	49110.8	< 1000 ppm
Sulfate (ppm)	41.26	<1000 ppm
Zinc (ppm)	0.85	< 25 ppm
EC (µmhos/cm)	179600	No Guidelines
ICAP_P ppm	---	No Guidelines
Hardness (ppm, 17.1 ppm = 1 grain/gal)	31304.2	No Guidelines
Hardness Class	Very Hard	No Guidelines
pH	6.3	5.5-9.0
Total Dissolved Salts(TDS) (ppm)	160778.6	<3000 ppm

* DL : Detection Limit

This water may be objectionable because it is less than the guideline of 1000mg Na/L.
Serious effects including death become likely at 5000mg/L.We recommend keeping drinking water Na concentration less than 1000mg/L(chronic exposure criteria).This assumes normal feedstuff Na concentration and no other water sources;these concentrations should protect against acute lethality or chronically poor performance.Short term exposure(days-weeks) should not exceed 4000 mg Na/L
This water may be objectionable for some livestock because it exceeds the guideline of 5mg Boron/L.Excess boron in the diets of livestock may decrease feed consumption and cause weight loss
This water may be objectionable because it exceeds the guideline of 600mg Chloride/L

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Name : 2-Jireh (@ Well 18W)

Location : Bird Creek (SW 1-T27N-R7E)
Osage County, OK

Lab ID No.: : 820714
Customer Code : 1361
Sample No. : 4
Received : 10/6/2016
Report Date : 10/10/2016

Test Results for Household Water

Analysis	Sample Results	EPA Drinking Water Limits
Boron (ppm)	8.54	< 2.4
Calcium (ppm)	9627.19	No Guidelines
Chloride (ppm)	99594	< 250 ppm (#)
Copper (ppm)	0.10	< 1.0 ppm (#)
Iron (ppm)	10.41	< 0.3 ppm (#)
Magnesium (ppm)	1770.4	No Guidelines
Manganese (ppm)	2.49	< 0.05 ppm (#)
NO3N (ppm)	< DL*	< 10 ppm
Potassium (ppm)	531	No Guidelines
Sodium (ppm)	49110.8	No Guidelines
Sulfate (ppm)	41.26	< 250 ppm (#)
Zinc (ppm)	0.85	< 5.0 ppm (#)
EC (µmhos/cm)	179600	No Guidelines
Hardness (ppm, 17.1 ppm = 1 grain/gal)	31304.2	No Guidelines
Hardness Class	Very Hard	< 120
pH	6.3	6.5 - 8.5 (#)
Sodium Percentage (%)	77.3	No Guidelines
Total Dissolved Solids (TDS) (ppm)	160778.6	<500 ppm (#)

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DALLAS, TX 75202
(214) 665-7276

Name : **3-Grayhorse(@ Tank Battery)**

Location : **Bird Creek (NW 18-T27N-R8E)**
Osage County, OK

Lab ID No.: : **820715**
Customer Code : **1361**
Sample No. : **5**
Received : **10/6/2016**
Report Date : **10/10/2016**

Test Results for Irrigation Water

---------- Cations ----------		---------- Anions ----------		---------- Other ----------	
Sodium (ppm)	45675	Nitrate-N (ppm)	<1	pH	6.5
Calcium (ppm)	8236	Chloride (ppm)	90403	EC (µmhos/cm)	170900
Magnesium (ppm)	1737	Sulfate (ppm)	10		
Potassium (ppm)	463	Boron (ppm)	8.11		
		Bicarbonate (ppm)	64		

---------- Derived Values ----------		-------- Derived Values(cont'd) ----------	
Total Dissolved Salts (TDS in ppm)	146587.9	Sodium Percentage	78.2 %
Sodium Adsorption Ratio (SAR)	119.4	Hardness (ppm)	27696
Potassium Adsorption Ratio (PAR)	0.7	Hardness Class	Very Hard
		Alkalinity (ppm as CaCO3)	52.0

INTERPRETATION AND REQUIREMENTS FOR *Irrigation Water*

Water of this quality is not recommended for crop irrigation due to its high total dissolved salts and/or sodium level.

This water is not recommended for irrigation use because of its high boron content.

Signature

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Soil, Water & Forage Analytical Laboratory

Oklahoma State University Division of Agricultural Sciences and Natural Resources
045 Agricultural Hall
Stillwater, OK 74078
Email: soiltesting@okstate.edu
Website: www.soiltesting.okstate.edu

WATER QUALITY REPORT

CARL E. WILLS (6EN-WR)
CARL E WILLS (6EN-WR)
US EPA REGION 6
1445 ROSS AVE SUITE 1200
DALLAS, TX 75202
(214) 665-7276

Name : 3-Grayhorse(@ Tank Battery)

Location : Bird Creek (NW 18-T27N-R8E)
Osage County, OK

Lab ID No.: : 820715
Customer Code : 1361
Sample No. : 5
Received : 10/6/2016
Report Date : 10/10/2016

Test Results for Livestock Water

Analysis	Sample Results	Livestock Water Limits
Boron (ppm)	8.11	< 5 ppm
Calcium (ppm)	8236.48	No Guidelines
Chloride (ppm)	90403	< 600 ppm
Copper (ppm)	0.10	< 0.5 ppm
Iron (ppm)	2.96	No Guidelines
Magnesium (ppm)	1736.78	No Guidelines
Manganese (ppm)	2.40	No Guidelines
Nitrate-N (ppm)	< DL*	< 100 ppm
Potassium (ppm)	463	No Guidelines
Sodium (ppm)	45675	< 1000 ppm
Sulfate (ppm)	10.15	<1000 ppm
Zinc (ppm)	11.34	< 25 ppm
EC (µmhos/cm)	170900	No Guidelines
ICAP_P ppm	---	No Guidelines
Hardness (ppm, 17.1 ppm = 1 grain/gal)	27696	No Guidelines
Hardness Class	Very Hard	No Guidelines
pH	6.5	5.5-9.0
Total Dissolved Salts(TDS) (ppm)	146587.9	<3000 ppm

* DL : Detection Limit

This water may be objectionable because it is less than the guideline of 1000mg Na/L.
Serious effects including death become likely at 5000mg/L.We recommend keeping drinking water Na concentration less than 1000mg/L(chronic exposure criteria).This assumes normal feedstuff Na concentration and no other water sources;these concentrations should protect against acute lethality or chronically poor performance.Short term exposure(days-weeks) should not exceed 4000 mg Na/L
This water may be objectionable for some livestock because it exceeds the guideline of 5mg Boron/L.Excess boron in the diets of livestock may decrease feed consumption and cause weight loss
This water may be objectionable because it exceeds the guideline of 600mg Chloride/L

Signature

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WATER QUALITY REPORT

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US EPA REGION 6
1445 ROSS AVE SUITE 1200
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(214) 665-7276

Name : 3-Grayhorse(@ Tank Battery)

Location : Bird Creek (NW 18-T27N-R8E)
Osage County, OK

Lab ID No.: : 820715
Customer Code : 1361
Sample No. : 5
Received : 10/6/2016
Report Date : 10/10/2016

Test Results for Household Water

Analysis	Sample Results	EPA Drinking Water Limits
Boron (ppm)	8.11	< 2.4
Calcium (ppm)	8236.48	No Guidelines
Chloride (ppm)	90403	< 250 ppm (#)
Copper (ppm)	0.10	< 1.0 ppm (#)
Iron (ppm)	2.96	< 0.3 ppm (#)
Magnesium (ppm)	1736.78	No Guidelines
Manganese (ppm)	2.40	< 0.05 ppm (#)
NO3N (ppm)	< DL*	< 10 ppm
Potassium (ppm)	463	No Guidelines
Sodium (ppm)	45675	No Guidelines
Sulfate (ppm)	10.15	< 250 ppm (#)
Zinc (ppm)	11.34	< 5.0 ppm (#)
EC (µmhos/cm)	170900	No Guidelines
Hardness (ppm, 17.1 ppm = 1 grain/gal)	27696	No Guidelines
Hardness Class	Very Hard	< 120
pH	6.5	6.5 - 8.5 (#)
Sodium Percentage (%)	78.2	No Guidelines
Total Dissolved Solids (TDS) (ppm)	146587.9	<500 ppm (#)

* DL : Detection Limit

(#) Secondary standards are non-enforceable guidelines regulating contaminants that may cause cosmetic or aesthetic effects.
If any of the above analysis exceeds EPA standards, you should seek advise from the Oklahoma Department of Environmental Quality or local Health Department.
This water analysis does NOT include testing for bacteria, organic chemicals, and heavy metals. This lab is not certified by DEQ for drinking water analysis.

Signature

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