

DRINKING WATER SYSTEM ANNUAL REPORT			
Reporting Period:	January 1 st to Decem	ber 31 st , (year)	
Water System			
Water System Owner			
Primary Contact Name (Operator or Manager)			
Phone Number (Operator or Manager)			
E-mail (Operator or Manager)			
DESCRIBE YOUR WATER SUPPLY SYSTEM			
What is the Source(s) of Raw Water?			
Deep Well Shallow Well	Surface Water	Other	
If other, specify details:			
Does the Drinking Water System have Primo	ary Disinfection?	Yes	□No
Chlorination Ultraviolet Light	Ozone	Other	
If other, specify details:			
Does the Drinking Water System have Secon	ndary Disinfection?	Yes	□No
Chlorination Other			
If other, specify details:			
Does the Drinking Water System have Filtra	tion?	Yes	□No
Check all boxes that apply	_		
Cartridge Filter(s) Carbon Filter	Sand Filtration	Reverse Osmosis	Other
If other, specify details:			
PUBLIC REPORTING			
Emergency Response & Contingency Plan (E			
Is your ERCP up to Date?	∐Yes	∐No	
How do you Inform the System Users of the			
Hand Delivered Bulletin Board	☐ Newspaper	Utility Bill Insert	Website
Other (specify details) CVRD Engineerin	ig Services, 175 Ingra	m Street, Duncan, BC	
Drinking Water System Annual Report			
How do you Inform the System Users of the	_		
Hand Delivered Bulletin Board	Newspaper	Utility Bill Insert	Website
Other (specify details)			



COMPLIANCE WITH OPERATING PER	RMIT			
ist the conditions of your Ope	rating Permit (Contact the DV	/O for a copy	if needed):	
Are you in compliance with yo	ur Operating Permit?	∐Ye	S	∐No
BACTERIOLOGICAL TESTING AND DR	INKING WATER PROTECTION REGU	LATION WATER	Quality Stan	DARDS
	nples were collected during thi			
What is the minimum required	sampling frequency for this s	ystem? (#sam	nples/month)	
Additional sampling details:				
			S	No
Was the minimum required sa	mpling frequency achieved?	∐Ye.		
Was the minimum required sa	mpling frequency achieved?	∟_Ye		
Was the minimum required sa Comments: Bacteriological summary attac	ched to this report?	Ye	S	□No
Was the minimum required sa Comments: Bacteriological summary attac If no, how do the users of the s	ched to this report? System view the results?		S	□No
Was the minimum required sa Comments: Bacteriological summary attack If no, how do the users of the s WATER QUALITY STANDARDS FOR F	ched to this report? System view the results?			□No stem meet standard?
Was the minimum required sa Comments: Bacteriological summary attack If no, how do the users of the sa WATER QUALITY STANDARDS FOR F Parameter: Escherichia coli (for all samples)	ched to this report? System view the results? POTABLE WATER	Ye		
Was the minimum required sa Comments: Bacteriological summary attack If no, how do the users of the sa Water Quality Standards for F Parameter: Escherichia coli	ched to this report? System view the results? POTABLE WATER Standard:	Ye	Did this sys	stem meet standard?
Was the minimum required sa Comments: Bacteriological summary attack If no, how do the users of the sa WATER QUALITY STANDARDS FOR F Parameter: Escherichia coli (for all samples) Total Coliform Bacteria (if only 1 sample collected in a 30 day period) Total Coliform Bacteria (if more than 1 sample collected in a	Ched to this report? System view the results? POTABLE WATER Standard: No detectable Escherichia coli per 1 No detectable total coliform bacter No more than 10% of samples contacoliform bacteria, and No sample h	00ml ia per 100ml ain total as more than	Did this sys	stem meet standard?
Was the minimum required sa Comments: Bacteriological summary attack If no, how do the users of the sa WATER QUALITY STANDARDS FOR F Parameter: Escherichia coli (for all samples) Total Coliform Bacteria (if only 1 sample collected in a 30 day period) Total Coliform Bacteria (if more than 1 sample collected in a 30 day period)	Ched to this report? System view the results? POTABLE WATER Standard: No detectable Escherichia coli per 1 No detectable total coliform bacter No more than 10% of samples conta	O0ml ia per 100ml ain total as more than	Did this sys	stem meet standard? No No
Was the minimum required sa Comments: Bacteriological summary attack If no, how do the users of the sa WATER QUALITY STANDARDS FOR F Parameter: Escherichia coli (for all samples) Total Coliform Bacteria (if only 1 sample collected in a 30 day period) Total Coliform Bacteria (if more than 1 sample collected in a 30 day period)	POTABLE WATER Standard: No detectable Escherichia coli per 1 No more than 10% of samples conticoliform bacteria, and No sample had total coliform bacteria per 100m. Tof above Drinking Water Protests	O0ml ia per 100ml ain total as more than	Did this sys	stem meet standard? No No



Was any cher						
	nıcaı sampııng (conducted durir	ng reporting period	?	⁄es	□No
If no, when w	ere the last che	mical samples o	conducted for this s	ystem? (date)		Don't know
If yes, attach	a list of the che	mical results				
	•	meet the Guide tional sheets if I	elines for Canadian necessary.	Drinking Water Qu	ality, record	the results in
Next schedule	ed full chemical	<i>test (</i> date)				
Parameter	Result	Corrective A	ction / Treatment /	' Comments		
Additional Tes	STING					
Does the syste	em have analyz	ers for continuo	ous monitoring?	Yes		No
If yes, check a	ll boxes that ap	oply:				
Chlorine	Tur	bidity	Other (details)			
Are the result	s available on r	request?				
If any addition sheets if nece	_	ampling was co	nducted, record res	ults in the table be	low; attach d	additional
sheets if nece	_		nducted, record res		low; attach d	additional
sheets if nece	ssary.				low; attach d	additional
sheets if nece	ssary.				low; attach d	additional
sheets if nece	ssary.				low; attach d	additional
sheets if nece	ssary.				low; attach d	additional
sheets if nece	ssary.				low; attach d	additional
Additional Te	ssary. sting & Reason	for Sampling y complaints in	Corrective Action			additional
WATER QUALIT Were there ar period? (e.g. 1)	y COMPLAINTS ny water quality taste, odour, co	for Sampling y complaints in lour etc.)	Corrective Action	n Taken		
WATER QUALIT Were there are period? (e.g. 1)	y COMPLAINTS ny water quality taste, odour, co	for Sampling y complaints in lour etc.)	this reporting	n Taken		
WATER QUALIT Were there are period? (e.g. to lif yes, comple	Y COMPLAINTS ny water quality taste, odour, co	for Sampling y complaints in lour etc.)	this reporting	Taken Yes		
WATER QUALIT Were there as period? (e.g. to lif yes, comple	Y COMPLAINTS ny water quality taste, odour, co	for Sampling y complaints in lour etc.)	this reporting	Taken Yes		



OPERATIONAL PR	OBLEMS					
Were there any operational problems during this reporting period? (e.g. insufficient water supply, malfunction of disinfection equipment, line breaks, elevated turbidity etc.).						
If yes, complete	e the table below; att	ach addition	al sheet:	s if necess	ary.	
Incident Date	Type of Operational	Problem	Correc	tive Actio	on Taken	n
Major Upgrade	ES/REPAIRS & EXPENSES					
	y major upgrades/rep g this reporting period	-	ajor cos	its	∐Yes	s No
If yes, complete	e the table below; att	ach addition	al sheet:	s if necess	ary.	
Major Upgrade	es/Expenses	Details				
Improvements	required by DWO					
Additions/chan	iges to system					
Purchase or ins	tall new equipment					
Equipment rep	air or replacement					
Annual mainter	nance of system					
Specialist repor	rt					
Other						
FUTURE IMPROVE	EMENTS					<u> </u>
Are there any p	olans for future impro	vements?			Yes	S No
If yes, complete	e the table below; att	ach addition	al sheet:	s if necess	ary.	
Future Upgrad	es or Improvements					Estimated Date of Completion
Click here to				Completei	n Rv•	
DATE CONTPLETED	J.			CONTRE	וט כ.	

Future upgrades or improvements	Estimated date of Completion
Genset installation	2020
WTP inspection and upgrades	2020/2021
investigate for new well	2024/2025
Groundwater monitoring (data collection) all wells	2020



WOODLEY RANGE WATER SYSTEM

Facility Location:

5005 Aho Road Ladysmith

Facility Information:

Facility Type: 15-300 DWC

Facility Sampling History:

Location	Date	Total Coliform	E.Coli
4966 Aho Road Woodley Range, 4966 Aho Road	17-Dec-2018	L1	L1
5120 Aho Road Woodley Range, 5120 Aho Road	10-Dec-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	3-Dec-2018	L1	L1
Lot 53 Henry Roethel Road, Lot 53 Henry Roethel Road	26-Nov-2018	L1	L1
4966 Aho Road Woodley Range, 4966 Aho Road	19-Nov-2018	L1	L1
5120 Aho Road Woodley Range, 5120 Aho Road	13-Nov-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	5-Nov-2018	L1	L1
4966 Aho Road Woodley Range, 4966 Aho Road	22-Oct-2018	L1	L1
5120 Aho Road Woodley Range, 5120 Aho Road	16-Oct-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	9-Oct-2018	L1	L1
Lot 53 Henry Roethel Road, Lot 53 Henry Roethel Road	3-Oct-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	24-Sep-2018	L1	L1
4966 Aho Road Woodley Range, 4966 Aho Road	17-Sep-2018	L1	L1
5120 Aho Road Woodley Range, 5120 Aho Road	10-Sep-2018	L1	L1



Lot 53 Henry Roethel Road, Lot 53 Henry Roethel Road	27-Aug-2018	L1	L1
4966 Aho Road Woodley Range, 4966 Aho Road	20-Aug-2018	1	L1
5120 Aho Road Woodley Range, 5120 Aho Road	13-Aug-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	7-Aug-2018	L1	L1
Lot 53 Henry Roethel Road, Lot 53 Henry Roethel Road	30-Jul-2018	L1	L1
4966 Aho Road Woodley Range, 4966 Aho Road	24-Jul-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	9-Jul-2018	L1	L1
Lot 53 Henry Roethel Road, Lot 53 Henry Roethel Road	3-Jul-2018	L1	L1
4966 Aho Road Woodley Range, 4966 Aho Road	26-Jun-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	19-Jun-2018	L1	L1
Lot 53 Henry Roethel Road, Lot 53 Henry Roethel Road	13-Jun-2018	L1	L1
5120 Aho Road Woodley Range, 5120 Aho Road	5-Jun-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	22-May-2018	L1	L1
Lot 53 Henry Roethel Road, Lot 53 Henry Roethel Road	15-May-2018	L1	L1
5120 Aho Road Woodley Range, 5120 Aho Road	8-May-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	1-May-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	23-Apr-2018	L1	L1
4966 Aho Road Woodley Range, 4966 Aho Road	17-Apr-2018	L1	L1
5120 Aho Road Woodley Range, 5120 Aho Road	9-Apr-2018	L1	L1
Lot 53 Henry Roethel Road, Lot 53 Henry Roethel Road	4-Apr-2018	L1	L1
5120 Aho Road Woodley Range, 5120 Aho Road	14-Mar-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	6-Mar-2018	L1	L1
Lot 53 Henry Roethel Road, Lot 53 Henry Roethel Road	27-Feb-2018	L1	L1
4966 Aho Road Woodley Range, 4966 Aho Road	19-Feb-2018	L1	L1
5120 Aho Road Woodley Range, 5120 Aho Road	13-Feb-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	6-Feb-2018	L1	L1
Lot 53 Henry Roethel Road, Lot 53 Henry Roethel Road	30-Jan-2018	L1	L1
4966 Aho Road Woodley Range, 4966 Aho Road	22-Jan-2018	L1	L1
5120 Aho Road Woodley Range, 5120 Aho Road	15-Jan-2018	L1	L1
4828 Judiths Run - Woodley Range, 4828 Judiths Run	9-Jan-2018	L1	L1



Lot 53 Henry Roethel Road, Lot 53 Henry Roethel Road	3-Jan-2018	L1	L1
--	------------	----	----

Laboratory Report

ALS Environmental

Report For: Cowichan Valley Regional District

Received: 03/02/2018 09:15

Report ID: L2056383

Report Name: ALS Final Results Report

Sample ID: L2056383-1

Water System: Woodley Range Water System

Source: Wells Facility: Wells

Sampling Pt: Well 26 (2-2-SR, 32864)

Comment: WELL 26
Sampled: 02/13/2018

INORGAN	IC			Criteria	& Type	Status
Alumini	um (total)	0.019	mg/L	<=0.1	Operational - Conventional	Final
Ammon	ia (total, as N)	0.0913	mg/L			Final
Antimor	ny (total)	< 0.00050	mg/L	<=0.006	MAC	Final
Arsenic	(total)	0.00059	mg/L	<=0.01	MAC	Final
Barium	(total)	0.029	mg/L	<=1	MAC	Final
Berylliu	m (total)	< 0.0050	mg/L			Final
Bismuth	n (total)	< 0.20	mg/L			Final
Boron (total)	0.18	mg/L	<=5	MAC	Final
Bromide	е	< 0.050	mg/L			Final
Cadmiu	ım (total)	< 0.00020	mg/L	<=0.005	MAC	Final
Calcium	n (total)	11.9	mg/L			Final
Chloride	е	3.76	mg/L	<=250	AO	Final
Chromi	um (total)	< 0.0020	mg/L	<=0.05	MAC	Final
Cobalt	(total)	< 0.010	mg/L			Final
Copper	(total)	< 0.0010	mg/L	<=1	AO	Final
Fluoride	e	0.278	mg/L	<=1.5	MAC	Final
Iron (to	tal)	0.103	mg/L	<=0.3	AO	Final
Lead (to	otal)	< 0.00050	mg/L	<=0.005	MAC	Final
Lithium	(total)	0.018	mg/L			Final
Magnes	sium (total)	0.39	mg/L			Final
Mangar	nese (total)	0.0419	mg/L	<=0.12	MAC	Final
Mercury	y (total)	< 0.00020	mg/L	<=0.001	MAC	Final
Molybd	enum (total)	< 0.030	mg/L			Final
Nickel (total)	< 0.050	mg/L			Final
Nitrate	(as N)	< 0.0050	mg/L	<=10	MAC	Final
Nitrate	+ Nitrite (as N)	< 0.0051	mg/L	<=10	User-Defined	Final
Nitrite (as N)	< 0.0010	mg/L	<=1	MAC	Final
Phosph	orus (total)	< 0.30	mg/L			Final
Potassi	um (total)	0.30	mg/L			Final
Seleniu	m (total)	< 0.0010	mg/L	<=0.05	MAC	Final
Silicon	(total, as Si)	4.48	mg/L			Final
Silver (t	otal)	< 0.010	mg/L			Final

Report Name: ALS Final Results Report

Sample ID: L2056383-1 (continued)
Water System: Woodley Range Water System

Source: Wells Facility: Wells

Sampling Pt: Well 26 (2-2-SR, 32864)

Comment: WELL 26
Sampled: 02/13/2018

INORGANIC			Criteria & Ty	pe	Status
Sodium (total)	123	mg/L	<=200	AO	Final
Strontium (total)	0.233	mg/L			Final
Sulphate	93.3	mg/L	<=500	AO	Final
Sulphide (total, as S)	0.076	mg/L			Final
Thallium (total)	< 0.20	mg/L			Final
Tin (total)	< 0.030	mg/L			Final
Titanium (total)	< 0.010	mg/L			Final
Vanadium (total)	< 0.030	mg/L			Final
Zinc (total)	0.0685	mg/L	<=5	AO	Final
MICROORGANISMS			Criteria & Ty	ре	Status
Background Bacteria	< 1	CFU/100ml	<=200,OG	User-Defined	Final
Escherichia coli / E. coli (counts)	< 1	CFU/100ml	<=0,P	Microbiological Standard	Final
Fecal (thermal tolerant) Coliforms (counts)	< 1	CFU/100ml	<=0,OG	Microbiological Standard	Final
Heterotrophic Plate Count / HPC	< 1	CFU/ml	<=5	User-Defined	Final
Iron Bacteria (MPN / PA)	SC				Final
Sulfate Reducing Bacteria	SC				Final
Total Coliforms (counts)	< 1	CFU/100ml	<=0,OG	User-Defined	Final
ORGANIC			Criteria & Ty	ре	Status
		ma/l			Final
Tannins and Lignins	0.11	mg/L			
Tannins and Lignins Total Kjeldahl Nitrogen / TKN	0.11 0.106	•			Final
· ·	0.106	•			Final Final
Total Kjeldahl Nitrogen / TKN	0.106	mg/L	Criteria & Ty	pe	
Total Kjeldahl Nitrogen / TKN Total Organic Carbon / TOC	0.106 0.95	mg/L	Criteria & Ty	pe	Final
Total Kjeldahl Nitrogen / TKN Total Organic Carbon / TOC PHYSICAL	0.106 0.95 202	mg/L mg/L	Criteria & Ty	pe	Final Status
Total Kjeldahl Nitrogen / TKN Total Organic Carbon / TOC PHYSICAL Alkalinity (bicarbonate, as CaCO3)	0.106 0.95 202 5.6	mg/L mg/L mg/L	Criteria & Ty	pe	Final Status Final
Total Kjeldahl Nitrogen / TKN Total Organic Carbon / TOC PHYSICAL Alkalinity (bicarbonate, as CaCO3) Alkalinity (carbonate, as CaCO3)	0.106 0.95 202 5.6 < 1.0	mg/L mg/L mg/L mg/L	Criteria & Ty	pe	Final Status Final Final
Total Kjeldahl Nitrogen / TKN Total Organic Carbon / TOC PHYSICAL Alkalinity (bicarbonate, as CaCO3) Alkalinity (carbonate, as CaCO3) Alkalinity (hydroxide, as CaCO3)	0.106 0.95 202 5.6 < 1.0	mg/L mg/L mg/L mg/L mg/L	Criteria & Ty	'pe AO	Final Final Final
Total Kjeldahl Nitrogen / TKN Total Organic Carbon / TOC PHYSICAL Alkalinity (bicarbonate, as CaCO3) Alkalinity (carbonate, as CaCO3) Alkalinity (hydroxide, as CaCO3) Alkalinity (total, as CaCO3)	0.106 0.95 202 5.6 < 1.0 208 < 5.0	mg/L mg/L mg/L mg/L mg/L	·		Final Status Final Final Final Final
Total Kjeldahl Nitrogen / TKN Total Organic Carbon / TOC PHYSICAL Alkalinity (bicarbonate, as CaCO3) Alkalinity (carbonate, as CaCO3) Alkalinity (hydroxide, as CaCO3) Alkalinity (total, as CaCO3) Colour	0.106 0.95 202 5.6 < 1.0 208 < 5.0 601	mg/L mg/L mg/L mg/L mg/L mg/L CU	·		Final Status Final Final Final Final Final
Total Kjeldahl Nitrogen / TKN Total Organic Carbon / TOC PHYSICAL Alkalinity (bicarbonate, as CaCO3) Alkalinity (carbonate, as CaCO3) Alkalinity (hydroxide, as CaCO3) Alkalinity (total, as CaCO3) Colour Conductivity	0.106 0.95 202 5.6 < 1.0 208 < 5.0 601	mg/L mg/L mg/L mg/L mg/L cU uS/cm	·		Final Status Final Final Final Final Final Final
Total Kjeldahl Nitrogen / TKN Total Organic Carbon / TOC PHYSICAL Alkalinity (bicarbonate, as CaCO3) Alkalinity (carbonate, as CaCO3) Alkalinity (hydroxide, as CaCO3) Alkalinity (total, as CaCO3) Colour Conductivity Hardness (total, as CaCO3)	0.106 0.95 202 5.6 < 1.0 208 < 5.0 601 31.3 8.36	mg/L mg/L mg/L mg/L mg/L cU uS/cm	·	AO	Final Status Final Final Final Final Final Final Final
Total Kjeldahl Nitrogen / TKN Total Organic Carbon / TOC PHYSICAL Alkalinity (bicarbonate, as CaCO3) Alkalinity (carbonate, as CaCO3) Alkalinity (hydroxide, as CaCO3) Alkalinity (total, as CaCO3) Colour Conductivity Hardness (total, as CaCO3) pH	0.106 0.95 202 5.6 < 1.0 208 < 5.0 601 31.3 8.36 361	mg/L mg/L mg/L mg/L mg/L cU uS/cm mg/L	<=15	AO Current Level	Final Status Final Final Final Final Final Final Final Final Final

Laboratory Report

ALS Environmental

Report Name: ALS Final Results Report

Sample ID: L2056383-1 (continued)
Water System: Woodley Range Water System

Source: Wells Facility: Wells

Sampling Pt: Well 26 (2-2-SR, 32864)

Comment: WELL 26
Sampled: 02/13/2018

RADIONUCLIDES Criteria & Type Status

Uranium (total) < 0.00010 mg/L <=0.02 MAC Final

Sample ID: L2056383-2

Water System: Woodley Range Water System

Source: Wells Facility: Wells

Sampling Pt: Well 67 (2-6-SR, 32868)

Comment: WELL 67
Sampled: 02/13/2018

INORGANIC			Criteria & Ty	ре	Status
Aluminum (total)	0.079	mg/L	<=0.1	Operational - Conventional	Final
Ammonia (total, as N)	0.0505	mg/L			Final
Antimony (total)	< 0.00050	mg/L	<=0.006	MAC	Final
Arsenic (total)	0.00012	mg/L	<=0.01	MAC	Final
Barium (total)	< 0.010	mg/L	<=1	MAC	Final
Beryllium (total)	< 0.0050	mg/L			Final
Bismuth (total)	< 0.20	mg/L			Final
Boron (total)	0.52	mg/L	<=5	MAC	Final
Bromide	0.161	mg/L			Final
Cadmium (total)	< 0.00020	mg/L	<=0.005	MAC	Final
Calcium (total)	6.17	mg/L			Final
Chloride	32.9	mg/L	<=250	AO	Final
Chromium (total)	< 0.0020	mg/L	<=0.05	MAC	Final
Cobalt (total)	< 0.010	mg/L			Final
Copper (total)	< 0.0010	mg/L	<=1	AO	Final
Fluoride	1.36	mg/L	<=1.5	MAC	Final
Iron (total)	0.053	mg/L	<=0.3	AO	Final
Lead (total)	< 0.00050	mg/L	<=0.005	MAC	Final
Lithium (total)	0.011	mg/L			Final
Magnesium (total)	0.54	mg/L			Final
Manganese (total)	0.0204	mg/L	<=0.12	MAC	Final
Mercury (total)	< 0.00020	mg/L	<=0.001	MAC	Final
Molybdenum (total)	< 0.030	mg/L			Final
Nickel (total)	< 0.050	mg/L			Final



Report Name: ALS Final Results Report

Sample ID: L2056383-2 (continued)
Water System: Woodley Range Water System

Source: Wells Facility: Wells

Sampling Pt: Well 67 (2-6-SR, 32868)

Comment: WELL 67
Sampled: 02/13/2018

INORGANIC			Criteria & Ty	pe	Status
Nitrate (as N)	< 0.0050	mg/L	<=10	MAC	Final
Nitrate + Nitrite (as N)	< 0.0051	mg/L	<=10	User-Defined	Final
Nitrite (as N)	< 0.0010	mg/L	<=1	MAC	Final
Phosphorus (total)	< 0.30	mg/L			Final
Potassium (total)	0.11	mg/L			Final
Selenium (total)	< 0.0010	mg/L	<=0.05	MAC	Final
Silicon (total, as Si)	5.15	mg/L			Final
Silver (total)	< 0.010	mg/L			Final
Sodium (total)	68.4	mg/L	<=200	AO	Final
Strontium (total)	0.0686	mg/L			Final
Sulphate	3.23	mg/L	<=500	AO	Final
Sulphide (total, as S)	1.99	mg/L			Final
Thallium (total)	< 0.20	mg/L			Final
Tin (total)	< 0.030	mg/L			Final
Titanium (total)	< 0.010	mg/L			Final
Vanadium (total)	< 0.030	mg/L			Final
Zinc (total)	0.240	mg/L	<=5	AO	Final
MICROORGANISMS			Criteria & Type		Status
Background Bacteria	< 1	CFU/100ml	<=200,OG	User-Defined	Final
Escherichia coli / E. coli (counts)	< 1	CFU/100ml	<=0,P	Microbiological Standard	Final
Fecal (thermal tolerant) Coliforms (counts)	< 1	CFU/100ml	<=0,OG	Microbiological Standard	Final
* Heterotrophic Plate Count / HPC	10	CFU/mI	<=5	User-Defined	Final
Iron Bacteria (MPN / PA)	SC				Final
Sulfate Reducing Bacteria	SC				Final
Total Coliforms (counts)	< 1	CFU/100ml	<=0,OG	User-Defined	Final
ORGANIC			Criteria & Ty	pe	Status
Tannins and Lignins	0.13	mg/L			Final
Total Kjeldahl Nitrogen / TKN	0.074	mg/L			Final
Total Organic Carbon / TOC	1.07	mg/L			Final
PHYSICAL			Criteria & Ty	pe	Status
Alkalinity (bicarbonate, as CaCO3)	126	mg/L	,	-	Final
Alkalinity (carbonate, as CaCO3)		mg/L			Final
Alkalinity (hydroxide, as CaCO3)		mg/L			Final
Alkalinity (total, as CaCO3)		mg/L			Final
• • • • • • • • • • • • • • • • • • • •		-			

WaterTrax

Laboratory Report

ALS Environmental

Report Name: ALS Final Results Report

Sample ID: L2056383-2 (continued)
Water System: Woodley Range Water System

Source: Wells Facility: Wells

Sampling Pt: Well 67 (2-6-SR, 32868)

Comment: WELL 67
Sampled: 02/13/2018

PHYSICAL			Criteria & Type		Status
Colour	< 5.0	CU	<=15	AO	Final
Conductivity	379	uS/cm			Final
Hardness (total, as CaCO3)	17.6	mg/L			Final
рН	8.60			Current Level	Final
Total Dissolved Solids / TDS	206	mg/L	<=500	AO	Final
* Turbidity	7.99	NTU	<=5	User-Defined	Final
RADIONUCLIDES			Criteria & Type		Status
Uranium (total)	< 0.00010	mg/L	<=0.02	MAC	Final

Result Legend

P=present, A=absent, PR=presumptive, ND=non-detect, OR=over-range, OG=overgrown, Y=yes, N=no, TNTC=too numerous to count, NR=no result, NT=not tested, IG=ignore, ER=external report, SC=see comment

< means less than lower detection limit shown

> means greater than upper detection limit shown

« means detected & less than number shown

» means detected & greater than number shown

* Indicates Criteria is exceeded

Approved on:

06/18/2019 mm/dd/yyyy

Approved by: Rod Lama

