



Your P.O. #: 319278
 Your Project #: DIAMOND VALLEY DISTRIBUTION SY
 Site Location: TOWN OF DIAMOND VALLEY
 Your C.O.C. #: TV18080802

Attention: dennis Leis

DIAMOND VALLEY, TOWN OF
 BLACK DIAMOND
 P.O. BOX 10
 301 CENTER AVENUE WEST
 DIAMOND VALLEY, AB
 Canada TOL 0H0

Report Date: 2024/02/28
 Report #: R3468839
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C408885

Received: 2024/02/08, 10:36

Sample Matrix: Water
 # Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Bromate	1	N/A	2024/02/21	CAL SOP-00040	SM 24 4110 D m
BTEX/F1 in Water by HS GC/MS/FID	1	N/A	2024/02/14	AB SOP-00039	CCME CWS/EPA 8260d m
F1-BTEX	1	N/A	2024/02/15		Auto Calc
Cadmium - low level CCME (Total)	1	N/A	2024/02/20		Auto Calc
Chlorine (Free) (2)	1	N/A	2024/02/13	AB SOP-00032	SM 24 4500-Cl G m
Chloramines, Residual	1	N/A	2024/02/13		Auto Calc
Chlorine (Total) (2)	1	N/A	2024/02/13	AB SOP-00032	SM 24 4500-Cl G m
Chlorate and Chlorite by IC	1	N/A	2024/02/22	CAL SOP-00040	SM 24 4110 D m
Chloride/Sulphate by Auto Colourimetry	1	N/A	2024/02/09	AB SOP-00020	SM24-4500-Cl/SO4-E m
Cyanide (total)	1	N/A	2024/02/20	CAL SOP-00270	SM 24 4500-CN m
True Colour	1	N/A	2024/02/09	CAL SOP-00049	SM 24 2120 C m
Fluoride	1	N/A	2024/02/09	AB SOP-00005	SM 24 4500-F C m
CCME Hydrocarbons (F2-F4 in water) (3)	1	2024/02/09	2024/02/09	AB SOP-00037	CCME PHC-CWS m
Sulphide (as H2S)	1	N/A	2024/02/09		Auto Calc
Hardness Total (calculated as CaCO3) (4)	1	N/A	2024/02/20	BBY WI-00033	Auto Calc
Mercury (Total) by CV	1	2024/02/16	2024/02/16	AB SOP-00084	BCMOE BCLM Oct2013 m
Elements by ICP - Total	1	2024/02/17	2024/02/17	AB SOP-00014 / AB SOP-00042	EPA 6010d R5 m
Elements by ICPMS - Total	1	2024/02/17	2024/02/17	AB SOP-00014 / AB SOP-00043	EPA 6020b R2 m
Ammonia-N (Total)	1	N/A	2024/02/10	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate and Nitrite	1	N/A	2024/02/09		Auto Calc
NO2 (N); NO2 (N) + NO3 (N) in Water	1	N/A	2024/02/09	AB SOP-00091	SM 24 4500 NO3m
Nitrate + Nitrite-N (calculated)	1	N/A	2024/02/09		Auto Calc
Nitrate (as N)	1	2024/02/08	2024/02/09		Auto Calc
Benzo[a]pyrene Equivalency (5)	1	N/A	2024/02/12		Auto Calc
PAH in Water by GC/MS	1	2024/02/09	2024/02/09	AB SOP-00037 / AB SOP-00003	EPA 3510C/8270E m
pH @25°C (6)	1	N/A	2024/02/09	AB SOP-00005	SM 24 4500-H+B m
Phenoxyalkyl acid Pesticides	1	2024/02/14	2024/02/20	CAL SOP-00094	EPA 8151 R1 m



Your P.O. #: 319278
Your Project #: DIAMOND VALLEY DISTRIBUTION SY
Site Location: TOWN OF DIAMOND VALLEY
Your C.O.C. #: TV18080802

Attention: dennis Leis

DIAMOND VALLEY, TOWN OF
BLACK DIAMOND
P.O. BOX 10
301 CENTER AVENUE WEST
DIAMOND VALLEY, AB
Canada TOL 0H0

Report Date: 2024/02/28
Report #: R3468839
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C408885

Received: 2024/02/08, 10:36

Sample Matrix: Water
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Total Sulphide	1	N/A	2024/02/09	AB SOP-00080	SM 24 4500 S2-A D Fm
Phenols (semivolatile)	1	2024/02/09	2024/02/09	CAL SOP-00164	EPA 8270e m
Total Dissolved Solids (Filt. Residue)	1	2024/02/13	2024/02/15	AB SOP-00065	SM 24 2540 C m
Total Trihalomethanes Calculation	1	N/A	2024/02/20		Auto Calc
Carbon (Total Organic) (7)	1	N/A	2024/02/22	AB SOP-00087	MMCW 119 1996 m
Turbidity	1	N/A	2024/02/10	CAL SOP-00081	SM 24 2130 B m
VOCs in Water by HS GC/MS (Std List)	1	N/A	2024/02/15	AB SOP-00056	EPA 5021a/8260d m
Diuron, Guthion, Temephos (1)	1	2024/02/21	2024/02/22	CAM SOP-00306	In-House method
Diquat / Paraquat (1)	1	2024/02/15	2024/02/17	CAM SOP-00327	EPA 549.2 m
Glyphosate (1)	1	2024/02/14	2024/02/15	CAM SOP-00305	HPLC in-house method
Haloacetic Acids in Water (1)	1	2024/02/13	2024/02/14	CAM SOP-00954	EPA 552.2 m
Nitrosamines in Water (1)	1	2024/02/13	2024/02/16	BRL SOP-00012	EPA M 607/1625B mod
Nitrilotriacetic Acid (NTA) (1, 8)	1	2024/02/13	2024/02/14	CAM SOP-00411	EPA 430.1 m
OC Pesticides (Selected) & PCB (1, 9)	1	2024/02/13	2024/02/15	CAM SOP-00307	EPA 8081B/ 8082A
OC Pesticides Summed Parameters (1)	1	N/A	2024/02/14	CAM SOP-00307	EPA 8081B/ 8082A
ODWS-Semi-Volatiles (1)	1	2024/02/16	2024/02/20	CAM SOP-00301	EPA 8270 m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.



Your P.O. #: 319278
Your Project #: DIAMOND VALLEY DISTRIBUTION SY
Site Location: TOWN OF DIAMOND VALLEY
Your C.O.C. #: TV18080802

Attention: dennis Leis

DIAMOND VALLEY, TOWN OF
BLACK DIAMOND
P.O. BOX 10
301 CENTER AVENUE WEST
DIAMOND VALLEY, AB
Canada TOL 0H0

Report Date: 2024/02/28
Report #: R3468839
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C408885

Received: 2024/02/08, 10:36

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Bureau Veritas Campobello, 6740 Campobello Road, Mississauga, ON, L5N 2L8

(2) The APHA Standard Method requires Chlorine to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory Chlorine analyses in this report are reported past the APHA Standard Method holding time. Bureau Veritas endeavors to analyze samples as soon as possible after receipt.

(3) Silica gel clean up employed.

(4) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).

(5) B[a]P TPE is calculated using 1/2 of the RDL for non detect results as per Alberta Environment instructions. This protocol may not apply in other jurisdictions.

(6) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavors to analyze samples as soon as possible after receipt.

(7) TOC present in the sample should be considered as non-purgeable TOC.

(8) Bureau Veritas attempts to commence NTA analysis as soon as possible in accordance with the reference method. However, rapid analysis may not be practically achievable, particularly for samples from remote locations. Extended delay in analysis times may increase the uncertainty of the test results, but does not necessarily imply that the results are compromised.

(9) Chlordane (Total) = Alpha Chlordane + Gamma Chlordane

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:

Geraldlyn Gouthro, Key Account Specialist

Email: geraldlyn.gouthro@bureauveritas.com

Phone# (403) 291-3077

=====

This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Scott Cantwell, General Manager responsible for Alberta Environmental laboratory operations.



AT1 BTEX AND F1-F4 IN WATER (WATER)

Bureau Veritas ID				CIV555		
Sampling Date				2024/02/08 08:00		
COC Number				TV18080802		
	UNITS	MAC	AO	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	RDL	QC Batch
Ext. Pet. Hydrocarbon						
F2 (C10-C16 Hydrocarbons)	mg/L	-	-	<0.10	0.10	B278892
F3 (C16-C34 Hydrocarbons)	mg/L	-	-	<0.10	0.10	B278892
F4 (C34-C50 Hydrocarbons)	mg/L	-	-	<0.20	0.20	B278892
Volatiles						
Benzene	ug/L	5	-	<0.40	0.40	B281512
Toluene	ug/L	60	24	<0.40	0.40	B281512
Ethylbenzene	ug/L	140	1.6	<0.40	0.40	B281512
m & p-Xylene	ug/L	-	-	<0.80	0.80	B281512
o-Xylene	ug/L	-	-	<0.40	0.40	B281512
Xylenes (Total)	ug/L	90	20	<0.89	0.89	B277744
F1 (C6-C10) - BTEX	ug/L	-	-	<100	100	B277744
F1 (C6-C10)	ug/L	-	-	<100	100	B281512
Surrogate Recovery (%)						
1,4-Difluorobenzene (sur.)	%	-	-	111	N/A	B281512
4-Bromofluorobenzene (sur.)	%	-	-	101	N/A	B281512
D4-1,2-Dichloroethane (sur.)	%	-	-	96	N/A	B281512
O-TERPHENYL (sur.)	%	-	-	93	N/A	B278892
No Fill	No Exceedance					
Grey	Exceeds 1 criteria policy/level					
Black	Exceeds both criteria/levels					
RDL = Reportable Detection Limit						
N/A = Not Applicable						



REGULATED METALS (CCME/AT1) - TOTAL

Bureau Veritas ID					CIV555		
Sampling Date					2024/02/08 08:00		
COC Number					TV18080802		
	UNITS	MAC	AO	OG	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	RDL	QC Batch
Elements							
Total Cadmium (Cd)	ug/L	7	-	-	<0.020	0.020	B277886
Total Aluminum (Al)	mg/L	2.9	-	0.1	0.070	0.0030	B287799
Total Antimony (Sb)	mg/L	0.006	-	-	<0.00060	0.00060	B287799
Total Arsenic (As)	mg/L	0.01	-	-	<0.00020	0.00020	B287799
Total Barium (Ba)	mg/L	2	-	-	0.061	0.010	B287800
Total Beryllium (Be)	mg/L	-	-	-	<0.0010	0.0010	B287799
Total Boron (B)	mg/L	5	-	-	<0.020	0.020	B287800
Total Calcium (Ca)	mg/L	-	-	-	70	0.30	B287800
Total Chromium (Cr)	mg/L	0.05	-	-	<0.0010	0.0010	B287799
Total Cobalt (Co)	mg/L	-	-	-	<0.00030	0.00030	B287799
Total Copper (Cu)	mg/L	2.0	1.0	-	0.015	0.0010	B287799
Total Iron (Fe)	mg/L	-	0.3	-	<0.060	0.060	B287800
Total Lead (Pb)	mg/L	0.005	-	-	<0.00020	0.00020	B287799
Total Lithium (Li)	mg/L	-	-	-	<0.020	0.020	B287800
Total Magnesium (Mg)	mg/L	-	-	-	19	0.20	B287800
Total Manganese (Mn)	mg/L	0.12	0.02	-	<0.0040	0.0040	B287800
Total Molybdenum (Mo)	mg/L	-	-	-	0.0011	0.00020	B287799
Total Nickel (Ni)	mg/L	-	-	-	<0.00050	0.00050	B287799
Total Phosphorus (P)	mg/L	-	-	-	<0.10	0.10	B287800
Total Potassium (K)	mg/L	-	-	-	0.77	0.30	B287800
Total Selenium (Se)	mg/L	0.05	-	-	0.0017	0.00020	B287799
Total Silicon (Si)	mg/L	-	-	-	2.1	0.50	B287800
Total Silver (Ag)	mg/L	-	-	-	<0.00010	0.00010	B287799
Total Sodium (Na)	mg/L	-	200	-	7.3	0.50	B287800
Total Strontium (Sr)	mg/L	7	-	-	0.32	0.020	B287800
Total Sulphur (S)	mg/L	-	-	-	31	0.20	B287800
Total Thallium (Tl)	mg/L	-	-	-	<0.00020	0.00020	B287799
Total Tin (Sn)	mg/L	-	-	-	<0.0010	0.0010	B287799
No Fill	No Exceedance						
Grey	Exceeds 1 criteria policy/level						
Black	Exceeds both criteria/levels						
RDL = Reportable Detection Limit							



REGULATED METALS (CCME/AT1) - TOTAL

Bureau Veritas ID					CIV555		
Sampling Date					2024/02/08 08:00		
COC Number					TV18080802		
	UNITS	MAC	AO	OG	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	RDL	QC Batch
Total Titanium (Ti)	mg/L	-	-	-	<0.0010	0.0010	B287799
Total Uranium (U)	mg/L	0.02	-	-	0.00088	0.00010	B287799
Total Vanadium (V)	mg/L	-	-	-	<0.0010	0.0010	B287799
Total Zinc (Zn)	mg/L	-	5.0	-	<0.0030	0.0030	B287799
No Fill	No Exceedance Exceeds 1 criteria policy/level Exceeds both criteria/levels						
Grey							
Black							
RDL = Reportable Detection Limit							



RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID					CIV555	CIV555		
Sampling Date					2024/02/08 08:00	2024/02/08 08:00		
COC Number					TV18080802	TV18080802		
	UNITS	MAC	AO	OG	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST) Lab-Dup	RDL	QC Batch

Base Neutrals

N-Nitrosodimethylamine	ng/L	40	-	-	<1.9	N/A	1.9	B292525
------------------------	------	----	---	---	------	-----	-----	---------

Calculated Parameters

Residual Chloramines	mg/L	-	-	-	0.060	N/A	0.020	B278777
Total Hardness (CaCO3)	mg/L	-	-	-	255	N/A	0.50	B277748
Nitrate (N)	mg/L	10	-	-	0.062	N/A	0.010	B277758
Nitrate (NO3)	mg/L	45	-	-	0.28	N/A	0.044	B278778
Nitrate plus Nitrite (N)	mg/L	-	-	-	0.062	N/A	0.014	B278779
Nitrite (NO2)	mg/L	3	-	-	<0.033	N/A	0.033	B278778
Sulphide (as H2S)	mg/L	-	0.05	-	<0.0020	N/A	0.0020	B277747

Misc. Inorganics

Free Chlorine	mg/L	-	-	-	0.60	N/A	0.020	B282659
Total Chlorine	mg/L	-	-	-	0.66	N/A	0.020	B282665
Strong Acid Dissoc. Cyanide (CN)	mg/L	-	-	-	<0.00050	N/A	0.00050	B289096
pH	pH	-	-	7.0:10.5	7.60	N/A	N/A	B279547
Total Organic Carbon (C)	mg/L	-	-	-	<0.50	N/A	0.50	B291533
Total Dissolved Solids	mg/L	-	500	-	280	N/A	10	B283007

Anions

Bromate	mg/L	0.01	-	-	<0.0095	N/A	0.0095	B290228
Chlorate (ClO3)	mg/L	1	-	-	0.33	N/A	0.10	B292283
Chlorite (ClO2)	mg/L	1	-	-	<0.10	N/A	0.10	B292283
Dissolved Fluoride (F)	mg/L	1.5	-	-	0.26	N/A	0.050	B279549
Total Sulphide	mg/L	-	0.05	-	<0.0018	N/A	0.0018	B279505
Chloride (Cl)	mg/L	-	250	-	3.3	N/A	1.0	B279795

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable



RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID					CIV555	CIV555		
Sampling Date					2024/02/08 08:00	2024/02/08 08:00		
COC Number					TV18080802	TV18080802		
	UNITS	MAC	AO	OG	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST) Lab-Dup	RDL	QC Batch
MISCELLANEOUS								
Dalapon	ug/L	-	-	-	<5.0	N/A	5.0	B285791
Nitrilotriacetic acid	mg/L	0.4	-	-	<0.050	<0.050	0.050	B284957
Monochloroacetic Acid	ug/L	-	-	-	<5.0	N/A	5.0	B285791
Monobromoacetic Acid	ug/L	-	-	-	<5.0	N/A	5.0	B285791
Dichloroacetic Acid	ug/L	-	-	-	<5.0	N/A	5.0	B285791
Trichloroacetic Acid	ug/L	-	-	-	<5.0	N/A	5.0	B285791
Bromochloroacetic Acid	ug/L	-	-	-	<5.0	N/A	5.0	B285791
Dibromoacetic Acid	ug/L	-	-	-	<5.0	N/A	5.0	B285791
Total Haloacetic Acids	ug/L	80	-	-	<5.0	N/A	5.0	B285791
Nutrients								
Total Ammonia (N)	mg/L	-	-	-	<0.015	<0.015	0.015	B280722
Nitrite (N)	mg/L	1	-	-	<0.010	N/A	0.010	B279740
Nitrate plus Nitrite (N)	mg/L	-	-	-	0.062	N/A	0.010	B279740
Pesticides & Herbicides								
Diquat	ug/L	50	-	-	<7.0	N/A	7.0	B292523
Paraquat	ug/L	7	-	-	<1.0	N/A	1.0	B292523
Physical Properties								
True Colour	PtCo units	-	15	-	<2.0	N/A	2.0	B280245
Physical Properties								
Turbidity	NTU	see remark	see remark	see remark	<0.10	N/A	0.10	B280365
Surrogate Recovery (%)								
2,3-Dibromopropionic Acid	%	-	-	-	101	N/A	N/A	B285791
D10-N-nitrosodiethylamine	%	-	-	-	94	N/A	N/A	B292525
D14-N-Nitrosodi-n-propylamine	%	-	-	-	107	N/A	N/A	B292525
D6-NDMA	%	-	-	-	50	N/A	N/A	B292525
D8-N-Nitrosomorpholine	%	-	-	-	76	N/A	N/A	B292525
No Fill	No Exceedance Exceeds 1 criteria policy/level Exceeds both criteria/levels							
Grey								
Black								
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable								



PHENOXYALKYL ACID PESTICIDES/HERBICIDES (WATER)

Bureau Veritas ID			CIV555		
Sampling Date			2024/02/08 08:00		
COC Number			TV18080802		
	UNITS	MAC	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	RDL	QC Batch
Phenoxyalkyl acid Pest.					
MCPA	ug/L	350	<0.020	0.020	B284319
Surrogate Recovery (%)					
2,4-Dichlorophenyl Acetic Acid	%	-	99	N/A	B284319
No Fill	No Exceedance				
Grey	Exceeds 1 criteria policy/level				
Black	Exceeds both criteria/levels				
RDL = Reportable Detection Limit					
N/A = Not Applicable					



SEMIVOLATILE ORGANICS BY GC-MS (WATER)

Bureau Veritas ID				CIV555		
Sampling Date				2024/02/08 08:00		
COC Number				TV18080802		
	UNITS	MAC	AO	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	RDL	QC Batch
Polycyclic Aromatics						
B[a]P TPE Total Potency Equivalents	ug/L	-	-	<0.010	0.010	B277759
Acenaphthene	ug/L	-	-	<0.10	0.10	B279266
Acenaphthylene	ug/L	-	-	<0.10	0.10	B279266
Acridine	ug/L	-	-	<0.040	0.040	B279266
Anthracene	ug/L	-	-	<0.010	0.010	B279266
Benzo(a)anthracene	ug/L	-	-	<0.0085	0.0085	B279266
Benzo(b&j)fluoranthene	ug/L	-	-	<0.0085	0.0085	B279266
Benzo(k)fluoranthene	ug/L	-	-	<0.0085	0.0085	B279266
Benzo(g,h,i)perylene	ug/L	-	-	<0.0085	0.0085	B279266
Benzo(c)phenanthrene	ug/L	-	-	<0.050	0.050	B279266
Benzo(a)pyrene	ug/L	0.04	-	<0.0075	0.0075	B279266
Benzo(e)pyrene	ug/L	-	-	<0.050	0.050	B279266
Chrysene	ug/L	-	-	<0.0085	0.0085	B279266
Dibenz(a,h)anthracene	ug/L	-	-	<0.0075	0.0075	B279266
Fluoranthene	ug/L	-	-	<0.010	0.010	B279266
Fluorene	ug/L	-	-	<0.050	0.050	B279266
Indeno(1,2,3-cd)pyrene	ug/L	-	-	<0.0085	0.0085	B279266
1-Methylnaphthalene	ug/L	-	-	<0.10	0.10	B279266
2-Methylnaphthalene	ug/L	-	-	<0.10	0.10	B279266
Naphthalene	ug/L	-	-	<0.10	0.10	B279266
Phenanthrene	ug/L	-	-	<0.050	0.050	B279266
Perylene	ug/L	-	-	<0.050	0.050	B279266
Pyrene	ug/L	-	-	<0.020	0.020	B279266
Quinoline	ug/L	-	-	<0.20	0.20	B279266
Phenols						
2,3,4,6-tetrachlorophenol	mg/L	0.1	0.001	<0.00010	0.00010	B279306
2,4,6-trichlorophenol	mg/L	0.005	0.002	0.00020 (1)	0.00010	B279306
No Fill	No Exceedance					
Grey	Exceeds 1 criteria policy/level					
Black	Exceeds both criteria/levels					
RDL = Reportable Detection Limit						
(1) Qualifying ion outside of acceptance criteria. Results are tentatively identified and potentially biased high.						



SEMIVOLATILE ORGANICS BY GC-MS (WATER)

Bureau Veritas ID				CIV555		
Sampling Date				2024/02/08 08:00		
COC Number				TV18080802		
	UNITS	MAC	AO	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	RDL	QC Batch
2,4-dichlorophenol	mg/L	0.9	0.0003	<0.00010	0.00010	B279306
SEMI-VOLATILE ORGANICS						
2,4,5-T	ug/L	-	-	<1.0	1.0	B292526
2,4-D	ug/L	100	-	<1.0	1.0	B292526
Alachlor	ug/L	-	-	<0.50	0.50	B292526
Aldicarb	ug/L	-	-	<5.0	5.0	B292526
Atrazine	ug/L	5	-	<0.50	0.50	B292526
Desethyl-atrazine	ug/L	-	-	<0.50	0.50	B292526
Atrazine + Desethyl-atrazine	ug/L	5	-	<1.0	1.0	B292526
Bendiocarb	ug/L	-	-	<2.0	2.0	B292526
Bromoxynil	ug/L	30	-	<0.50	0.50	B292526
Carbaryl	ug/L	90	-	<5.0	5.0	B292526
Carbofuran	ug/L	90	-	<5.0	5.0	B292526
Chlorpyrifos (Dursban)	ug/L	90	-	<1.0	1.0	B292526
Cyanazine (Bladex)	ug/L	-	-	<1.0	1.0	B292526
Diazinon	ug/L	20	-	<1.0	1.0	B292526
Dicamba	ug/L	110	-	<1.0	1.0	B292526
Diclofop-methyl	ug/L	9	-	<0.90	0.90	B292526
Dimethoate	ug/L	20	-	<2.5	2.5	B292526
Dinoseb (DNBP)	ug/L	-	-	<1.0	1.0	B292526
Malathion	ug/L	190	-	<5.0	5.0	B292526
Metolachlor	ug/L	50	-	<0.50	0.50	B292526
Metribuzin (Sencor)	ug/L	80	-	<5.0	5.0	B292526
Parathion	ug/L	50	-	<1.0	1.0	B292526
Pentachlorophenol	ug/L	60	30	<0.50	0.50	B292526
Phorate (Thimet)	ug/L	2	-	<0.50	0.50	B292526
Picloram	ug/L	190	-	<5.0	5.0	B292526
Prometryn	ug/L	-	-	<0.25	0.25	B292526
Simazine	ug/L	10	-	<1.0	1.0	B292526
No Fill	No Exceedance					
Grey	Exceeds 1 criteria policy/level					
Black	Exceeds both criteria/levels					
RDL = Reportable Detection Limit						



SEMIVOLATILE ORGANICS BY GC-MS (WATER)

Bureau Veritas ID				CIV555		
Sampling Date				2024/02/08 08:00		
COC Number				TV18080802		
	UNITS	MAC	AO	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	RDL	QC Batch
Terbufos	ug/L	1	-	<0.50	0.50	B292526
Triallate	ug/L	-	-	<1.0	1.0	B292526
Trifluralin	ug/L	45	-	<1.0	1.0	B292526
Methyl parathion	ug/L	-	-	<1.0	1.0	B292526
Surrogate Recovery (%)						
D10-ANTHRACENE (sur.)	%	-	-	92	N/A	B279266
D8-ACENAPHTHYLENE (sur.)	%	-	-	7.9 (1)	N/A	B279266
D8-NAPHTHALENE (sur.)	%	-	-	66	N/A	B279266
TERPHENYL-D14 (sur.)	%	-	-	109	N/A	B279266
2,4,6-TRIBROMOPHENOL (sur.)	%	-	-	263 (2)	N/A	B279306
2,4-DIBROMOPHENOL (sur.)	%	-	-	2.5 (2)	N/A	B279306
2,4,6-TRIBROMOPHENOL (sur.)	%	-	-	84	N/A	B292526
2,4-Dichlorophenyl Acetic Acid	%	-	-	87	N/A	B292526
2-Fluorobiphenyl	%	-	-	64	N/A	B292526
D14-Terphenyl (FS)	%	-	-	95	N/A	B292526
D5-NITROBENZENE (sur.)	%	-	-	75	N/A	B292526
No Fill	No Exceedance					
Grey	Exceeds 1 criteria policy/level					
Black	Exceeds both criteria/levels					
RDL = Reportable Detection Limit						
N/A = Not Applicable						
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.						
(2) Surrogate recovery exceeds acceptance criteria due to matrix interference. Unable to reanalyze due to insufficient sample.						



MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID			CIV555		
Sampling Date			2024/02/08 08:00		
COC Number			TV18080802		
	UNITS	MAC	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	RDL	QC Batch
Elements					
Total Mercury (Hg)	ug/L	1	<0.0019	0.0019	B286808
No Fill	No Exceedance				
Grey	Exceeds 1 criteria policy/level				
Black	Exceeds both criteria/levels				
RDL = Reportable Detection Limit					



VOLATILE ORGANICS BY GC-MS (WATER)

Bureau Veritas ID				CIV555		
Sampling Date				2024/02/08 08:00		
COC Number				TV18080802		
	UNITS	MAC	AO	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	RDL	QC Batch
Volatiles						
Total Trihalomethanes	ug/L	100	-	14	1.3	B278371
Bromodichloromethane	ug/L	-	-	1.7	0.50	B284214
Bromoform	ug/L	-	-	<0.50	0.50	B284214
Carbon tetrachloride	ug/L	2	-	<0.50	0.50	B284214
Chlorobenzene	ug/L	80	30	<0.50	0.50	B284214
Dibromochloromethane	ug/L	-	-	<1.0	1.0	B284214
Chloroform	ug/L	-	-	12	0.50	B284214
1,2-dichlorobenzene	ug/L	200	3	<0.50	0.50	B284214
1,4-dichlorobenzene	ug/L	5	1	<0.50	0.50	B284214
1,2-dichloroethane	ug/L	5	-	<0.50	0.50	B284214
1,1-dichloroethene	ug/L	14	-	<0.50	0.50	B284214
Dichloromethane	ug/L	50	-	<2.0	2.0	B284214
Methyl-tert-butylether (MTBE)	ug/L	-	15	<0.50	0.50	B284214
Tetrachloroethene	ug/L	10	-	<0.50	0.50	B284214
Trichloroethene	ug/L	5	-	<0.20	0.20	B284214
Trichlorofluoromethane	ug/L	-	-	<0.50	0.50	B284214
Vinyl chloride	ug/L	2	-	<0.50	0.50	B284214
Surrogate Recovery (%)						
1,4-Difluorobenzene (sur.)	%	-	-	100	N/A	B284214
4-Bromofluorobenzene (sur.)	%	-	-	100	N/A	B284214
D4-1,2-Dichloroethane (sur.)	%	-	-	108	N/A	B284214
No Fill	No Exceedance					
Grey	Exceeds 1 criteria policy/level					
Black	Exceeds both criteria/levels					
RDL = Reportable Detection Limit						
N/A = Not Applicable						



PESTICIDES & HERBICIDES BY HPLC (WATER)

Bureau Veritas ID			CIV555		
Sampling Date			2024/02/08 08:00		
COC Number			TV18080802		
	UNITS	MAC	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	RDL	QC Batch
Pesticides & Herbicides					
Diuron	ug/L	150	<10	10	B292527
Glyphosate	ug/L	280	<10	10	B292524
Guthion (Azinphos-methyl)	ug/L	-	<2.0	2.0	B292527
Temephos	ug/L	-	<10	10	B292527
No Fill	No Exceedance				
Grey	Exceeds 1 criteria policy/level				
Black	Exceeds both criteria/levels				
RDL = Reportable Detection Limit					



ORGANOCHLORINATED PESTICIDES BY GC-ECD (WATER)

Bureau Veritas ID		CIV555		
Sampling Date		2024/02/08 08:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	RDL	QC Batch
Calculated Parameters				
Aldrin + Dieldrin	ug/L	<0.005	0.005	B292529
Chlordane (Total)	ug/L	<0.005	0.005	B292529
DDT + Metabolites	ug/L	<0.005	0.005	B292529
Heptachlor + Heptachlor epoxide	ug/L	<0.005	0.005	B292529
o,p-DDD + p,p-DDD	ug/L	<0.005	0.005	B292529
o,p-DDE + p,p-DDE	ug/L	<0.005	0.005	B292529
o,p-DDT + p,p-DDT	ug/L	<0.005	0.005	B292529
Total Endosulfan	ug/L	<0.005	0.005	B292529
Total PCB	ug/L	<0.05	0.05	B292529
Pesticides & Herbicides				
a-BHC	ug/L	<0.005	0.005	B292528
a-Chlordane	ug/L	<0.005	0.005	B292528
b-BHC	ug/L	<0.005	0.005	B292528
d-BHC	ug/L	<0.005	0.005	B292528
Endosulfan I	ug/L	<0.005	0.005	B292528
Endosulfan II	ug/L	<0.005	0.005	B292528
Endosulfan Sulfate	ug/L	<0.005	0.005	B292528
Endrin	ug/L	<0.005	0.005	B292528
Endrin Aldehyde	ug/L	<0.005	0.005	B292528
Endrin ketone	ug/L	<0.005	0.005	B292528
Hexachlorobenzene	ug/L	<0.005	0.005	B292528
Mirex	ug/L	<0.005	0.005	B292528
o,p'-DDT	ug/L	<0.005	0.005	B292528
Octachlorostyrene	ug/L	<0.005	0.005	B292528
Toxaphene	ug/L	<0.2	0.2	B292528
Lindane	ug/L	<0.003	0.003	B292528
Heptachlor	ug/L	<0.005	0.005	B292528
Aldrin	ug/L	<0.005	0.005	B292528
RDL = Reportable Detection Limit				



ORGANOCHLORINATED PESTICIDES BY GC-ECD (WATER)

Bureau Veritas ID		CIV555		
Sampling Date		2024/02/08 08:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)	RDL	QC Batch
Heptachlor Epoxide	ug/L	<0.005	0.005	B292528
Oxychlordane	ug/L	<0.005	0.005	B292528
g-Chlordane	ug/L	<0.005	0.005	B292528
Dieldrin	ug/L	<0.005	0.005	B292528
o,p'-DDE	ug/L	<0.005	0.005	B292528
p,p'-DDE	ug/L	<0.005	0.005	B292528
o,p'-DDD	ug/L	<0.005	0.005	B292528
p,p'-DDD	ug/L	<0.005	0.005	B292528
p,p'-DDT	ug/L	<0.005	0.005	B292528
Methoxychlor	ug/L	<0.01	0.01	B292528
Aroclor 1016	ug/L	<0.05	0.05	B292528
Aroclor 1221	ug/L	<0.05	0.05	B292528
Aroclor 1232	ug/L	<0.05	0.05	B292528
Aroclor 1242	ug/L	<0.05	0.05	B292528
Aroclor 1248	ug/L	<0.05	0.05	B292528
Aroclor 1254	ug/L	<0.05	0.05	B292528
Aroclor 1260	ug/L	<0.05	0.05	B292528
Surrogate Recovery (%)				
2,4,5,6-Tetrachloro-m-xylene	%	96	N/A	B292528
Decachlorobiphenyl	%	119	N/A	B292528
RDL = Reportable Detection Limit				
N/A = Not Applicable				



GENERAL COMMENTS

MAC,AO,OG: The guidelines that have been included in this report have been taken from the Canadian Drinking Water Quality Summary Table, September 2022.

Criteria A = Maximum Acceptable Concentration (MAC) / Criteria B = Aesthetic Objectives (AO) / Criteria C = Operational Guidance Values (OG)

It is recommended to consult these guidelines when interpreting your data since there are non-numerical guidelines that are not included on this report.

Turbidity Guidelines:

1. Chemically assisted filtration: less than or equal to 0.3 NTU in 95% of the measurements or 95% of the time each month. Shall not exceed 1.0 NTU at any time.
2. Slow sand / diatomaceous earth filtration: less than or equal to 1.0 NTU in 95% of the measurements or 95% of the time each month. Shall not exceed 3.0 NTU at any time.
3. Membrane filtration: less than or equal to 0.1 NTU in 99% of the measurements made or at least 99% of the time each calendar month. Shall not exceed 0.3 NTU at any time.
4. To ensure effectiveness of disinfection and for good operation of the distribution system, it is recommended that water entering the distribution system have turbidity levels of 1.0 NTU or less.

Measurement of Uncertainty has not been accounted for when stating conformity to the selected criteria, where applicable.

VOLATILE ORGANICS BY GC-MS (WATER) Comments

Sample CIV555 [DV TREATED DISTRO LOCATION: 131 MAIN STREET (DV WEST)] VOCs in Water by HS GC/MS (Std List): Headspace was noted in sample container at the time of volatiles extraction.

ORGANOCHLORINATED PESTICIDES BY GC-ECD (WATER) Comments

OC Pesticides (Selected) & PCB: Matrix spike exceeds acceptance limits, probable matrix interference.

Results relate only to the items tested.



**BUREAU
VERITAS**

Bureau Veritas Job #: C408885
Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF
Client Project #: DIAMOND VALLEY DISTRIBUTION SY
Site Location: TOWN OF DIAMOND VALLEY
Your P.O. #: 319278
Sampler Initials: KF

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B278892	LSH	Spiked Blank	O-TERPHENYL (sur.)	2024/02/09		95	%	60 - 140
			F2 (C10-C16 Hydrocarbons)	2024/02/09		94	%	60 - 140
			F3 (C16-C34 Hydrocarbons)	2024/02/09		93	%	60 - 140
			F4 (C34-C50 Hydrocarbons)	2024/02/09		86	%	60 - 140
B278892	LSH	Method Blank	O-TERPHENYL (sur.)	2024/02/09		93	%	60 - 140
			F2 (C10-C16 Hydrocarbons)	2024/02/09	<0.10		mg/L	
			F3 (C16-C34 Hydrocarbons)	2024/02/09	<0.10		mg/L	
			F4 (C34-C50 Hydrocarbons)	2024/02/09	<0.20		mg/L	
B279266	NK3	Spiked Blank	D10-ANTHRACENE (sur.)	2024/02/09		128	%	50 - 130
			D8-ACENAPHTHYLENE (sur.)	2024/02/09		107	%	50 - 130
			D8-NAPHTHALENE (sur.)	2024/02/09		73	%	50 - 130
			TERPHENYL-D14 (sur.)	2024/02/09		140 (1)	%	50 - 130
			Acenaphthene	2024/02/09		96	%	50 - 130
			Acenaphthylene	2024/02/09		98	%	50 - 130
			Acridine	2024/02/09		95	%	50 - 130
			Anthracene	2024/02/09		96	%	50 - 130
			Benzo(a)anthracene	2024/02/09		119	%	50 - 130
			Benzo(b&j)fluoranthene	2024/02/09		117	%	50 - 130
			Benzo(k)fluoranthene	2024/02/09		115	%	50 - 130
			Benzo(g,h,i)perylene	2024/02/09		100	%	50 - 130
			Benzo(c)phenanthrene	2024/02/09		111	%	50 - 130
			Benzo(a)pyrene	2024/02/09		117	%	50 - 130
			Benzo(e)pyrene	2024/02/09		106	%	50 - 130
			Chrysene	2024/02/09		112	%	50 - 130
			Dibenz(a,h)anthracene	2024/02/09		106	%	50 - 130
			Fluoranthene	2024/02/09		116	%	50 - 130
			Fluorene	2024/02/09		104	%	50 - 130
			Indeno(1,2,3-cd)pyrene	2024/02/09		110	%	50 - 130
			1-Methylnaphthalene	2024/02/09		76	%	50 - 130
			2-Methylnaphthalene	2024/02/09		90	%	50 - 130
			Naphthalene	2024/02/09		86	%	50 - 130
			Phenanthrene	2024/02/09		106	%	50 - 130
			Perylene	2024/02/09		101	%	50 - 130
			Pyrene	2024/02/09		110	%	50 - 130
			Quinoline	2024/02/09		72	%	50 - 130
B279266	NK3	Method Blank	D10-ANTHRACENE (sur.)	2024/02/09		124	%	50 - 130
			D8-ACENAPHTHYLENE (sur.)	2024/02/09		92	%	50 - 130
			D8-NAPHTHALENE (sur.)	2024/02/09		55	%	50 - 130
			TERPHENYL-D14 (sur.)	2024/02/09		129	%	50 - 130
			Acenaphthene	2024/02/09	<0.10		ug/L	
			Acenaphthylene	2024/02/09	<0.10		ug/L	
			Acridine	2024/02/09	<0.040		ug/L	
			Anthracene	2024/02/09	<0.010		ug/L	
			Benzo(a)anthracene	2024/02/09	<0.0085		ug/L	
			Benzo(b&j)fluoranthene	2024/02/09	<0.0085		ug/L	
			Benzo(k)fluoranthene	2024/02/09	<0.0085		ug/L	
			Benzo(g,h,i)perylene	2024/02/09	<0.0085		ug/L	
			Benzo(c)phenanthrene	2024/02/09	<0.050		ug/L	
			Benzo(a)pyrene	2024/02/09	<0.0075		ug/L	
			Benzo(e)pyrene	2024/02/09	<0.050		ug/L	
			Chrysene	2024/02/09	<0.0085		ug/L	
			Dibenz(a,h)anthracene	2024/02/09	<0.0075		ug/L	



BUREAU
VERITAS

Bureau Veritas Job #: C408885
Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF
Client Project #: DIAMOND VALLEY DISTRIBUTION SY
Site Location: TOWN OF DIAMOND VALLEY
Your P.O. #: 319278
Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B279306	JU2	Spiked Blank	Fluoranthene	2024/02/09	<0.010		ug/L	
			Fluorene	2024/02/09	<0.050		ug/L	
			Indeno(1,2,3-cd)pyrene	2024/02/09	<0.0085		ug/L	
			1-Methylnaphthalene	2024/02/09	<0.10		ug/L	
			2-Methylnaphthalene	2024/02/09	<0.10		ug/L	
			Naphthalene	2024/02/09	<0.10		ug/L	
			Phenanthrene	2024/02/09	<0.050		ug/L	
			Perylene	2024/02/09	<0.050		ug/L	
			Pyrene	2024/02/09	<0.020		ug/L	
			Quinoline	2024/02/09	<0.20		ug/L	
B279306	JU2	Method Blank	2,4,6-TRIBROMOPHENOL (sur.)	2024/02/09		123	%	50 - 140
			2,4-DIBROMOPHENOL (sur.)	2024/02/09		116	%	50 - 140
			2,3,4,6-tetrachlorophenol	2024/02/09		114	%	50 - 140
			2,4,6-trichlorophenol	2024/02/09		106	%	50 - 140
			2,4-dichlorophenol	2024/02/09		106	%	50 - 140
B279306	JU2	Method Blank	2,4,6-TRIBROMOPHENOL (sur.)	2024/02/09		117	%	50 - 140
			2,4-DIBROMOPHENOL (sur.)	2024/02/09		114	%	50 - 140
			2,3,4,6-tetrachlorophenol	2024/02/09	<0.00010		mg/L	
			2,4,6-trichlorophenol	2024/02/09	<0.00010		mg/L	
B279306	JU2	Method Blank	2,4-dichlorophenol	2024/02/09	<0.00010		mg/L	
B279505	IDV	Matrix Spike	Total Sulphide	2024/02/09		94	%	80 - 120
B279505	IDV	Spiked Blank	Total Sulphide	2024/02/09		100	%	80 - 120
B279505	IDV	Method Blank	Total Sulphide	2024/02/09	<0.0018		mg/L	
B279505	IDV	RPD	Total Sulphide	2024/02/09	17		%	20
B279547	ASS	Spiked Blank	pH	2024/02/09		100	%	97 - 103
B279547	ASS	RPD	pH	2024/02/09	2.2		%	N/A
B279549	JVM	Matrix Spike	Dissolved Fluoride (F)	2024/02/09		98	%	80 - 120
B279549	JVM	Spiked Blank	Dissolved Fluoride (F)	2024/02/09		97	%	80 - 120
B279549	JVM	Method Blank	Dissolved Fluoride (F)	2024/02/09	<0.050		mg/L	
B279549	JVM	RPD	Dissolved Fluoride (F)	2024/02/09	1.4		%	20
B279740	ISW	Matrix Spike	Nitrite (N)	2024/02/09		104	%	80 - 120
			Nitrate plus Nitrite (N)	2024/02/09		NC	%	80 - 120
			Nitrite (N)	2024/02/09		103	%	80 - 120
B279740	ISW	Spiked Blank	Nitrate plus Nitrite (N)	2024/02/09		105	%	80 - 120
			Nitrite (N)	2024/02/09	<0.010		mg/L	
			Nitrate plus Nitrite (N)	2024/02/09	<0.010		mg/L	
B279740	ISW	Method Blank	Nitrite (N)	2024/02/09	NC		%	20
			Nitrate plus Nitrite (N)	2024/02/09	0.31		%	20
B279795	SKM	Matrix Spike	Chloride (Cl)	2024/02/09		91	%	80 - 120
B279795	SKM	Spiked Blank	Chloride (Cl)	2024/02/09		97	%	80 - 120
B279795	SKM	Method Blank	Chloride (Cl)	2024/02/09	<1.0		mg/L	
B279795	SKM	RPD	Chloride (Cl)	2024/02/09	0.31		%	20
B280245	CTU	Matrix Spike	True Colour	2024/02/09		87	%	80 - 120
B280245	CTU	Spiked Blank	True Colour	2024/02/09		97	%	80 - 120
B280245	CTU	Method Blank	True Colour	2024/02/09	<2.0		PtCo units	
B280245	CTU	RPD	True Colour	2024/02/09	NC		%	20
B280365	DVN	Spiked Blank	Turbidity	2024/02/10		103	%	80 - 120
B280365	DVN	Method Blank	Turbidity	2024/02/10	<0.10		NTU	
B280365	DVN	RPD	Turbidity	2024/02/10	4.7		%	20
B280722	ISW	Matrix Spike [CIV555-17]	Total Ammonia (N)	2024/02/10		102	%	80 - 120
B280722	ISW	Spiked Blank	Total Ammonia (N)	2024/02/10		105	%	80 - 120
B280722	ISW	Method Blank	Total Ammonia (N)	2024/02/10	<0.015		mg/L	



**BUREAU
VERITAS**

Bureau Veritas Job #: C408885

Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF

Client Project #: DIAMOND VALLEY DISTRIBUTION SY

Site Location: TOWN OF DIAMOND VALLEY

Your P.O. #: 319278

Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B280722	ISW	RPD [CIV555-17]	Total Ammonia (N)	2024/02/10	NC		%	20
B281512	WPK	Matrix Spike	1,4-Difluorobenzene (sur.)	2024/02/14		106	%	50 - 140
			4-Bromofluorobenzene (sur.)	2024/02/14		95	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2024/02/14		97	%	50 - 140
			Benzene	2024/02/14		93	%	50 - 140
			Toluene	2024/02/14		86	%	50 - 140
			Ethylbenzene	2024/02/14		88	%	50 - 140
			m & p-Xylene	2024/02/14		84	%	50 - 140
			o-Xylene	2024/02/14		81	%	50 - 140
			F1 (C6-C10)	2024/02/14		101	%	60 - 140
B281512	WPK	Spiked Blank	1,4-Difluorobenzene (sur.)	2024/02/14		104	%	50 - 140
			4-Bromofluorobenzene (sur.)	2024/02/14		96	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2024/02/14		90	%	50 - 140
			Benzene	2024/02/14		88	%	60 - 130
			Toluene	2024/02/14		81	%	60 - 130
			Ethylbenzene	2024/02/14		84	%	60 - 130
			m & p-Xylene	2024/02/14		79	%	60 - 130
			o-Xylene	2024/02/14		79	%	60 - 130
			F1 (C6-C10)	2024/02/14		111	%	60 - 140
B281512	WPK	Method Blank	1,4-Difluorobenzene (sur.)	2024/02/14		109	%	50 - 140
			4-Bromofluorobenzene (sur.)	2024/02/14		95	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2024/02/14		94	%	50 - 140
			Benzene	2024/02/14	<0.40		ug/L	
			Toluene	2024/02/14	<0.40		ug/L	
			Ethylbenzene	2024/02/14	<0.40		ug/L	
			m & p-Xylene	2024/02/14	<0.80		ug/L	
			o-Xylene	2024/02/14	<0.40		ug/L	
			F1 (C6-C10)	2024/02/14	<100		ug/L	
B281512	WPK	RPD	Benzene	2024/02/14	NC		%	30
			Toluene	2024/02/14	NC		%	30
			Ethylbenzene	2024/02/14	NC		%	30
			m & p-Xylene	2024/02/14	NC		%	30
			o-Xylene	2024/02/14	NC		%	30
			F1 (C6-C10)	2024/02/14	NC		%	30
B282659	DSX	Matrix Spike	Free Chlorine	2024/02/13		84	%	80 - 120
B282659	DSX	Spiked Blank	Free Chlorine	2024/02/13		95	%	80 - 120
B282659	DSX	Method Blank	Free Chlorine	2024/02/13	<0.020		mg/L	
B282659	DSX	RPD	Free Chlorine	2024/02/13	13		%	20
B282665	DSX	Matrix Spike	Total Chlorine	2024/02/13		86	%	80 - 120
B282665	DSX	Spiked Blank	Total Chlorine	2024/02/13		105	%	80 - 120
B282665	DSX	Method Blank	Total Chlorine	2024/02/13	<0.020		mg/L	
B282665	DSX	RPD	Total Chlorine	2024/02/13	0		%	20
B283007	DVN	Matrix Spike	Total Dissolved Solids	2024/02/15		NC	%	80 - 120
B283007	DVN	Spiked Blank	Total Dissolved Solids	2024/02/15		97	%	80 - 120
B283007	DVN	Method Blank	Total Dissolved Solids	2024/02/15	<10		mg/L	
B283007	DVN	RPD	Total Dissolved Solids	2024/02/15	0.66		%	20
B284214	AJG	Matrix Spike	1,4-Difluorobenzene (sur.)	2024/02/14		99	%	50 - 140
			4-Bromofluorobenzene (sur.)	2024/02/14		99	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2024/02/14		102	%	50 - 140
			Bromodichloromethane	2024/02/14		114	%	50 - 140
			Bromoform	2024/02/14		111	%	50 - 140
			Carbon tetrachloride	2024/02/14		96	%	50 - 140



BUREAU
VERITAS

Bureau Veritas Job #: C408885

Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF

Client Project #: DIAMOND VALLEY DISTRIBUTION SY

Site Location: TOWN OF DIAMOND VALLEY

Your P.O. #: 319278

Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B284214	AJG	Spiked Blank	Chlorobenzene	2024/02/14		95	%	50 - 140
			Dibromochloromethane	2024/02/14		109	%	50 - 140
			Chloroform	2024/02/14		111	%	50 - 140
			1,2-dichlorobenzene	2024/02/14		98	%	50 - 140
			1,4-dichlorobenzene	2024/02/14		97	%	50 - 140
			1,2-dichloroethane	2024/02/14		101	%	50 - 140
			1,1-dichloroethene	2024/02/14		108	%	50 - 140
			Dichloromethane	2024/02/14		93	%	50 - 140
			Methyl-tert-butylether (MTBE)	2024/02/14		99	%	50 - 140
			Tetrachloroethene	2024/02/14		92	%	50 - 140
			Trichloroethene	2024/02/14		95	%	50 - 140
			Trichlorofluoromethane	2024/02/14		90	%	50 - 140
			Vinyl chloride	2024/02/14		98	%	50 - 140
			1,4-Difluorobenzene (sur.)	2024/02/14		100	%	50 - 140
			4-Bromofluorobenzene (sur.)	2024/02/14		100	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2024/02/14		108	%	50 - 140
			Bromodichloromethane	2024/02/14		117	%	60 - 130
			Bromoform	2024/02/14		116	%	60 - 130
			Carbon tetrachloride	2024/02/14		96	%	60 - 130
			Chlorobenzene	2024/02/14		95	%	60 - 130
			Dibromochloromethane	2024/02/14		113	%	60 - 130
			Chloroform	2024/02/14		114	%	60 - 130
			1,2-dichlorobenzene	2024/02/14		99	%	60 - 130
			1,4-dichlorobenzene	2024/02/14		97	%	60 - 130
			1,2-dichloroethane	2024/02/14		106	%	60 - 130
			1,1-dichloroethene	2024/02/14		108	%	60 - 130
			Dichloromethane	2024/02/14		96	%	60 - 130
			Methyl-tert-butylether (MTBE)	2024/02/14		102	%	60 - 130
			Tetrachloroethene	2024/02/14		91	%	60 - 130
			Trichloroethene	2024/02/14		95	%	60 - 130
			Trichlorofluoromethane	2024/02/14		90	%	60 - 130
			Vinyl chloride	2024/02/14		99	%	60 - 130
B284214	AJG	Method Blank	1,4-Difluorobenzene (sur.)	2024/02/14		100	%	50 - 140
			4-Bromofluorobenzene (sur.)	2024/02/14		99	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2024/02/14		108	%	50 - 140
			Bromodichloromethane	2024/02/14	<0.50		ug/L	
			Bromoform	2024/02/14	<0.50		ug/L	
			Carbon tetrachloride	2024/02/14	<0.50		ug/L	
			Chlorobenzene	2024/02/14	<0.50		ug/L	
			Dibromochloromethane	2024/02/14	<1.0		ug/L	
			Chloroform	2024/02/14	<0.50		ug/L	
			1,2-dichlorobenzene	2024/02/14	<0.50		ug/L	
			1,4-dichlorobenzene	2024/02/14	<0.50		ug/L	
			1,2-dichloroethane	2024/02/14	<0.50		ug/L	
			1,1-dichloroethene	2024/02/14	<0.50		ug/L	
			Dichloromethane	2024/02/14	<2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2024/02/14	<0.50		ug/L	
			Tetrachloroethene	2024/02/14	<0.50		ug/L	
			Trichloroethene	2024/02/14	<0.20		ug/L	
			Trichlorofluoromethane	2024/02/14	<0.50		ug/L	
			Vinyl chloride	2024/02/14	<0.50		ug/L	
B284214	AJG	RPD	Bromodichloromethane	2024/02/14	NC		%	30



**BUREAU
VERITAS**

Bureau Veritas Job #: C408885

Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF

Client Project #: DIAMOND VALLEY DISTRIBUTION SY

Site Location: TOWN OF DIAMOND VALLEY

Your P.O. #: 319278

Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Bromoform	2024/02/14	NC		%	30
			Carbon tetrachloride	2024/02/14	NC		%	30
			Chlorobenzene	2024/02/14	NC		%	30
			Dibromochloromethane	2024/02/14	NC		%	30
			Chloroform	2024/02/14	NC		%	30
			1,2-dichlorobenzene	2024/02/14	NC		%	30
			1,4-dichlorobenzene	2024/02/14	NC		%	30
			1,2-dichloroethane	2024/02/14	NC		%	30
			1,1-dichloroethene	2024/02/14	NC		%	30
			Dichloromethane	2024/02/14	NC		%	30
			Methyl-tert-butylether (MTBE)	2024/02/14	NC		%	30
			Tetrachloroethene	2024/02/14	NC		%	30
			Trichloroethene	2024/02/14	NC		%	30
			Trichlorofluoromethane	2024/02/14	NC		%	30
			Vinyl chloride	2024/02/14	NC		%	30
B284319	JU2	Spiked Blank	2,4-Dichlorophenyl Acetic Acid	2024/02/20		90	%	50 - 140
			MCPA	2024/02/20		97	%	50 - 140
B284319	JU2	Method Blank	2,4-Dichlorophenyl Acetic Acid	2024/02/20		96	%	50 - 140
			MCPA	2024/02/20	<0.020		ug/L	
B284957	GID	Matrix Spike [CIV555-02]	Nitritotriacetic acid	2024/02/14		97	%	80 - 120
			Nitritotriacetic acid	2024/02/14		97	%	80 - 120
B284957	GID	Spiked Blank	Nitritotriacetic acid	2024/02/14		108	%	80 - 120
			Nitritotriacetic acid	2024/02/14		108	%	80 - 120
B284957	GID	Method Blank	Nitritotriacetic acid	2024/02/14	<0.050		mg/L	
			Nitritotriacetic acid	2024/02/14	<0.050		mg/L	
B284957	GID	RPD [CIV555-02]	Nitritotriacetic acid	2024/02/14	NC		%	25
B285791	éCK	Matrix Spike	2,3-Dibromopropionic Acid	2024/02/14		104	%	70 - 130
			2,3-Dibromopropionic Acid	2024/02/14		104	%	70 - 130
			Dalapon	2024/02/14		86	%	60 - 140
			Dalapon	2024/02/14		86	%	60 - 140
			Monochloroacetic Acid	2024/02/14		69	%	60 - 140
			Monochloroacetic Acid	2024/02/14		69	%	60 - 140
			Monobromoacetic Acid	2024/02/14		88	%	60 - 140
			Monobromoacetic Acid	2024/02/14		88	%	60 - 140
			Dichloroacetic Acid	2024/02/14		88	%	60 - 140
			Dichloroacetic Acid	2024/02/14		88	%	60 - 140
			Trichloroacetic Acid	2024/02/14		109	%	60 - 140
			Trichloroacetic Acid	2024/02/14		109	%	60 - 140
			Bromochloroacetic Acid	2024/02/14		102	%	60 - 140
			Bromochloroacetic Acid	2024/02/14		102	%	60 - 140
			Dibromoacetic Acid	2024/02/14		114	%	60 - 140
			Dibromoacetic Acid	2024/02/14		114	%	60 - 140
B285791	éCK	Spiked Blank	2,3-Dibromopropionic Acid	2024/02/14		102	%	70 - 130
			2,3-Dibromopropionic Acid	2024/02/14		102	%	70 - 130
			Dalapon	2024/02/14		91	%	70 - 130
			Dalapon	2024/02/14		91	%	70 - 130
			Monochloroacetic Acid	2024/02/14		80	%	70 - 130
			Monochloroacetic Acid	2024/02/14		80	%	70 - 130
			Monobromoacetic Acid	2024/02/14		90	%	70 - 130
			Monobromoacetic Acid	2024/02/14		90	%	70 - 130
			Dichloroacetic Acid	2024/02/14		82	%	70 - 130
			Dichloroacetic Acid	2024/02/14		82	%	70 - 130



**BUREAU
VERITAS**

Bureau Veritas Job #: C408885

Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF

Client Project #: DIAMOND VALLEY DISTRIBUTION SY

Site Location: TOWN OF DIAMOND VALLEY

Your P.O. #: 319278

Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B285791	éCK	Method Blank	Trichloroacetic Acid	2024/02/14		87	%	70 - 130
			Trichloroacetic Acid	2024/02/14		87	%	70 - 130
			Bromochloroacetic Acid	2024/02/14		96	%	70 - 130
			Bromochloroacetic Acid	2024/02/14		96	%	70 - 130
			Dibromoacetic Acid	2024/02/14		115	%	70 - 130
			Dibromoacetic Acid	2024/02/14		115	%	70 - 130
			2,3-Dibromopropionic Acid	2024/02/14		95	%	70 - 130
			2,3-Dibromopropionic Acid	2024/02/14		95	%	70 - 130
			Dalapon	2024/02/14	<5.0		ug/L	
			Dalapon	2024/02/14	<5.0		ug/L	
			Monochloroacetic Acid	2024/02/14	<5.0		ug/L	
			Monochloroacetic Acid	2024/02/14	<5.0		ug/L	
			Monobromoacetic Acid	2024/02/14	<5.0		ug/L	
			Monobromoacetic Acid	2024/02/14	<5.0		ug/L	
			Dichloroacetic Acid	2024/02/14	<5.0		ug/L	
			Dichloroacetic Acid	2024/02/14	<5.0		ug/L	
			Trichloroacetic Acid	2024/02/14	<5.0		ug/L	
			Trichloroacetic Acid	2024/02/14	<5.0		ug/L	
			Bromochloroacetic Acid	2024/02/14	<5.0		ug/L	
			Bromochloroacetic Acid	2024/02/14	<5.0		ug/L	
			Dibromoacetic Acid	2024/02/14	<5.0		ug/L	
			Dibromoacetic Acid	2024/02/14	<5.0		ug/L	
			Total Haloacetic Acids	2024/02/14	<5.0		ug/L	
			Total Haloacetic Acids	2024/02/14	<5.0		ug/L	
B285791	éCK	RPD	Dalapon	2024/02/14	NC		%	40
			Monochloroacetic Acid	2024/02/14	NC		%	40
			Monobromoacetic Acid	2024/02/14	NC		%	40
			Dichloroacetic Acid	2024/02/14	7.5		%	40
			Trichloroacetic Acid	2024/02/14	2.2		%	40
			Bromochloroacetic Acid	2024/02/14	NC		%	40
			Dibromoacetic Acid	2024/02/14	27		%	40
			Total Haloacetic Acids	2024/02/14	9.0		%	40
B286808	KKM	Matrix Spike	Total Mercury (Hg)	2024/02/16		93	%	80 - 120
B286808	KKM	Spiked Blank	Total Mercury (Hg)	2024/02/16		104	%	80 - 120
B286808	KKM	Method Blank	Total Mercury (Hg)	2024/02/16	<0.0019		ug/L	
B286808	KKM	RPD	Total Mercury (Hg)	2024/02/16	NC		%	20
B287799	JAB	Matrix Spike	Total Aluminum (Al)	2024/02/17		120	%	80 - 120
			Total Antimony (Sb)	2024/02/17		110	%	80 - 120
			Total Arsenic (As)	2024/02/17		117	%	80 - 120
			Total Beryllium (Be)	2024/02/17		113	%	80 - 120
			Total Chromium (Cr)	2024/02/17		120	%	80 - 120
			Total Cobalt (Co)	2024/02/17		119	%	80 - 120
			Total Copper (Cu)	2024/02/17		117	%	80 - 120
			Total Lead (Pb)	2024/02/17		101	%	80 - 120
			Total Molybdenum (Mo)	2024/02/17		103	%	80 - 120
			Total Nickel (Ni)	2024/02/17		117	%	80 - 120
			Total Selenium (Se)	2024/02/17		115	%	80 - 120
			Total Silver (Ag)	2024/02/17		120	%	80 - 120
			Total Thallium (Tl)	2024/02/17		99	%	80 - 120
			Total Tin (Sn)	2024/02/17		99	%	80 - 120
			Total Titanium (Ti)	2024/02/17		120	%	80 - 120
			Total Uranium (U)	2024/02/17		102	%	80 - 120



BUREAU
VERITAS

Bureau Veritas Job #: C408885
Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF
Client Project #: DIAMOND VALLEY DISTRIBUTION SY
Site Location: TOWN OF DIAMOND VALLEY
Your P.O. #: 319278
Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B287799	JAB	Spiked Blank	Total Vanadium (V)	2024/02/17		120	%	80 - 120
			Total Zinc (Zn)	2024/02/17		115	%	80 - 120
			Total Aluminum (Al)	2024/02/17		108	%	80 - 120
			Total Antimony (Sb)	2024/02/17		116	%	80 - 120
			Total Arsenic (As)	2024/02/17		104	%	80 - 120
			Total Beryllium (Be)	2024/02/17		102	%	80 - 120
			Total Chromium (Cr)	2024/02/17		106	%	80 - 120
			Total Cobalt (Co)	2024/02/17		105	%	80 - 120
			Total Copper (Cu)	2024/02/17		102	%	80 - 120
			Total Lead (Pb)	2024/02/17		107	%	80 - 120
			Total Molybdenum (Mo)	2024/02/17		108	%	80 - 120
			Total Nickel (Ni)	2024/02/17		103	%	80 - 120
			Total Selenium (Se)	2024/02/17		103	%	80 - 120
			Total Silver (Ag)	2024/02/17		106	%	80 - 120
			Total Thallium (Tl)	2024/02/17		110	%	80 - 120
			Total Tin (Sn)	2024/02/17		107	%	80 - 120
			Total Titanium (Ti)	2024/02/17		104	%	80 - 120
			Total Uranium (U)	2024/02/17		111	%	80 - 120
			Total Vanadium (V)	2024/02/17		105	%	80 - 120
B287799	JAB	Method Blank	Total Zinc (Zn)	2024/02/17		100	%	80 - 120
			Total Aluminum (Al)	2024/02/17	<0.0030		mg/L	
			Total Antimony (Sb)	2024/02/17	<0.00060		mg/L	
			Total Arsenic (As)	2024/02/17	<0.00020		mg/L	
			Total Beryllium (Be)	2024/02/17	<0.0010		mg/L	
			Total Chromium (Cr)	2024/02/17	<0.0010		mg/L	
			Total Cobalt (Co)	2024/02/17	<0.00030		mg/L	
			Total Copper (Cu)	2024/02/17	<0.0010		mg/L	
			Total Lead (Pb)	2024/02/17	<0.00020		mg/L	
			Total Molybdenum (Mo)	2024/02/17	<0.00020		mg/L	
			Total Nickel (Ni)	2024/02/17	<0.00050		mg/L	
			Total Selenium (Se)	2024/02/17	<0.00020		mg/L	
			Total Silver (Ag)	2024/02/17	<0.00010		mg/L	
			Total Thallium (Tl)	2024/02/17	<0.00020		mg/L	
			Total Tin (Sn)	2024/02/17	<0.0010		mg/L	
			Total Titanium (Ti)	2024/02/17	<0.0010		mg/L	
			Total Uranium (U)	2024/02/17	<0.00010		mg/L	
			Total Vanadium (V)	2024/02/17	<0.0010		mg/L	
			Total Zinc (Zn)	2024/02/17	<0.0030		mg/L	
B287799	JAB	RPD	Total Aluminum (Al)	2024/02/17	6.4		%	20
			Total Antimony (Sb)	2024/02/17	0.37		%	20
			Total Arsenic (As)	2024/02/17	3.0		%	20
			Total Beryllium (Be)	2024/02/17	NC		%	20
			Total Chromium (Cr)	2024/02/17	NC		%	20
			Total Cobalt (Co)	2024/02/17	0.62		%	20
			Total Copper (Cu)	2024/02/17	4.8		%	20
			Total Lead (Pb)	2024/02/17	NC		%	20
			Total Molybdenum (Mo)	2024/02/17	3.0		%	20
			Total Nickel (Ni)	2024/02/17	8.1		%	20
			Total Selenium (Se)	2024/02/17	4.7		%	20
			Total Silver (Ag)	2024/02/17	NC		%	20
			Total Thallium (Tl)	2024/02/17	NC		%	20
			Total Tin (Sn)	2024/02/17	2.0		%	20



**BUREAU
VERITAS**

Bureau Veritas Job #: C408885
Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF
Client Project #: DIAMOND VALLEY DISTRIBUTION SY
Site Location: TOWN OF DIAMOND VALLEY
Your P.O. #: 319278
Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B287800	VSC	Matrix Spike	Total Titanium (Ti)	2024/02/17	NC		%	20
			Total Uranium (U)	2024/02/17	1.7		%	20
			Total Vanadium (V)	2024/02/17	6.8		%	20
			Total Zinc (Zn)	2024/02/17	NC		%	20
			Total Barium (Ba)	2024/02/17		102	%	80 - 120
			Total Boron (B)	2024/02/17		99	%	80 - 120
			Total Calcium (Ca)	2024/02/17		NC	%	80 - 120
			Total Iron (Fe)	2024/02/17		105	%	80 - 120
			Total Lithium (Li)	2024/02/17		100	%	80 - 120
			Total Magnesium (Mg)	2024/02/17		99	%	80 - 120
			Total Manganese (Mn)	2024/02/17		NC	%	80 - 120
			Total Phosphorus (P)	2024/02/17		103	%	80 - 120
			Total Potassium (K)	2024/02/17		105	%	80 - 120
			Total Silicon (Si)	2024/02/17		NC	%	80 - 120
			Total Sodium (Na)	2024/02/17		NC	%	80 - 120
B287800	VSC	Spiked Blank	Total Strontium (Sr)	2024/02/17		102	%	80 - 120
			Total Sulphur (S)	2024/02/17		NC	%	80 - 120
			Total Barium (Ba)	2024/02/17		102	%	80 - 120
			Total Boron (B)	2024/02/17		98	%	80 - 120
			Total Calcium (Ca)	2024/02/17		103	%	80 - 120
			Total Iron (Fe)	2024/02/17		105	%	80 - 120
			Total Lithium (Li)	2024/02/17		100	%	80 - 120
			Total Magnesium (Mg)	2024/02/17		102	%	80 - 120
			Total Manganese (Mn)	2024/02/17		101	%	80 - 120
			Total Phosphorus (P)	2024/02/17		101	%	80 - 120
			Total Potassium (K)	2024/02/17		104	%	80 - 120
			Total Silicon (Si)	2024/02/17		106	%	80 - 120
			Total Sodium (Na)	2024/02/17		96	%	80 - 120
			Total Strontium (Sr)	2024/02/17		102	%	80 - 120
			Total Sulphur (S)	2024/02/17		99	%	80 - 120
B287800	VSC	Method Blank	Total Barium (Ba)	2024/02/20	<0.010		mg/L	
			Total Boron (B)	2024/02/20	<0.020		mg/L	
			Total Calcium (Ca)	2024/02/20	<0.30		mg/L	
			Total Iron (Fe)	2024/02/20	<0.060		mg/L	
			Total Lithium (Li)	2024/02/20	<0.020		mg/L	
			Total Magnesium (Mg)	2024/02/20	<0.20		mg/L	
			Total Manganese (Mn)	2024/02/20	<0.0040		mg/L	
			Total Phosphorus (P)	2024/02/20	<0.10		mg/L	
			Total Potassium (K)	2024/02/20	<0.30		mg/L	
			Total Silicon (Si)	2024/02/20	<0.50		mg/L	
			Total Sodium (Na)	2024/02/20	<0.50		mg/L	
			Total Strontium (Sr)	2024/02/20	<0.020		mg/L	
			Total Sulphur (S)	2024/02/20	<0.20		mg/L	
B287800	VSC	RPD	Total Barium (Ba)	2024/02/17	5.2		%	20
			Total Boron (B)	2024/02/17	4.0		%	20
			Total Calcium (Ca)	2024/02/17	4.1		%	20
			Total Iron (Fe)	2024/02/17	NC		%	20
			Total Lithium (Li)	2024/02/17	3.1		%	20
			Total Magnesium (Mg)	2024/02/17	4.9		%	20
			Total Manganese (Mn)	2024/02/17	NC		%	20
			Total Phosphorus (P)	2024/02/17	NC		%	20
			Total Potassium (K)	2024/02/17	4.7		%	20



**BUREAU
VERITAS**

Bureau Veritas Job #: C408885

Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF

Client Project #: DIAMOND VALLEY DISTRIBUTION SY

Site Location: TOWN OF DIAMOND VALLEY

Your P.O. #: 319278

Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Silicon (Si)	2024/02/17	3.9		%	20
			Total Sodium (Na)	2024/02/17	3.4		%	20
			Total Strontium (Sr)	2024/02/17	5.6		%	20
			Total Sulphur (S)	2024/02/17	4.6		%	20
B289096	JFE	Matrix Spike	Strong Acid Dissoc. Cyanide (CN)	2024/02/20		110	%	80 - 120
B289096	JFE	Spiked Blank	Strong Acid Dissoc. Cyanide (CN)	2024/02/20		104	%	80 - 120
B289096	JFE	Method Blank	Strong Acid Dissoc. Cyanide (CN)	2024/02/20	<0.00050		mg/L	
B289096	JFE	RPD	Strong Acid Dissoc. Cyanide (CN)	2024/02/20	NC		%	20
B290228	KDB	Matrix Spike	Bromate	2024/02/21		102	%	80 - 120
B290228	KDB	Spiked Blank	Bromate	2024/02/21		107	%	80 - 120
B290228	KDB	Method Blank	Bromate	2024/02/21	<0.0095		mg/L	
B290228	KDB	RPD	Bromate	2024/02/21	NC		%	20
B291533	YHK	Matrix Spike	Total Organic Carbon (C)	2024/02/22		NC	%	80 - 120
B291533	YHK	Spiked Blank	Total Organic Carbon (C)	2024/02/22		98	%	80 - 120
B291533	YHK	Method Blank	Total Organic Carbon (C)	2024/02/22	<0.50		mg/L	
B291533	YHK	RPD	Total Organic Carbon (C)	2024/02/22	0.61		%	20
B292283	KDB	Matrix Spike	Chlorate (ClO3)	2024/02/22		96	%	80 - 120
			Chlorite (ClO2)	2024/02/22		99	%	80 - 120
B292283	KDB	Spiked Blank	Chlorate (ClO3)	2024/02/22		95	%	80 - 120
			Chlorite (ClO2)	2024/02/22		98	%	80 - 120
B292283	KDB	Method Blank	Chlorate (ClO3)	2024/02/22	<0.10		mg/L	
			Chlorite (ClO2)	2024/02/22	<0.10		mg/L	
B292283	KDB	RPD	Chlorate (ClO3)	2024/02/22	0.90		%	20
			Chlorite (ClO2)	2024/02/22	NC		%	20
B292523	FKU	Matrix Spike	Paraquat	2024/02/16		105	%	50 - 130
			Diquat	2024/02/16		100	%	50 - 130
B292523	FKU	Spiked Blank	Paraquat	2024/02/17		85	%	50 - 130
			Diquat	2024/02/17		87	%	50 - 130
B292523	FKU	Method Blank	Paraquat	2024/02/17	<1.0		ug/L	
			Diquat	2024/02/17	<7.0		ug/L	
B292524	FKU	Matrix Spike	Glyphosate	2024/02/15		100	%	50 - 130
B292524	FKU	Spiked Blank	Glyphosate	2024/02/15		103	%	50 - 130
B292524	FKU	Method Blank	Glyphosate	2024/02/15	<10		ug/L	
B292525	CTC	Spiked Blank	D10-N-nitrosodiethylamine	2024/02/16		107	%	10 - 150
			D14-N-Nitrosodi-n-propylamine	2024/02/16		116	%	10 - 150
			D6-NDMA	2024/02/16		56	%	10 - 80
			D8-N-Nitrosomorpholine	2024/02/16		84	%	10 - 150
			N-Nitrosodimethylamine	2024/02/16		87	%	65 - 135
B292525	CTC	RPD	N-Nitrosodimethylamine	2024/02/16	4.4		%	25
B292525	CTC	Method Blank	D10-N-nitrosodiethylamine	2024/02/16		107	%	10 - 150
			D14-N-Nitrosodi-n-propylamine	2024/02/16		113	%	10 - 150
			D6-NDMA	2024/02/16		61	%	10 - 80
			D8-N-Nitrosomorpholine	2024/02/16		83	%	10 - 150
			N-Nitrosodimethylamine	2024/02/16	<2.0		ng/L	
B292526	éC2	Matrix Spike [CIV555-12]	2,4,6-TRIBROMOPHENOL (sur.)	2024/02/20		96	%	30 - 130
			2,4-Dichlorophenyl Acetic Acid	2024/02/20		97	%	30 - 130
			2-Fluorobiphenyl	2024/02/20		78	%	30 - 130
			D14-Terphenyl (F5)	2024/02/20		99	%	30 - 130
			D5-NITROBENZENE (sur.)	2024/02/20		89	%	30 - 130
			2,4,5-T	2024/02/20		105	%	30 - 130
			2,4-D	2024/02/20		102	%	30 - 130
			Alachlor	2024/02/20		106	%	40 - 130



BUREAU
VERITAS

Bureau Veritas Job #: C408885

Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF

Client Project #: DIAMOND VALLEY DISTRIBUTION SY

Site Location: TOWN OF DIAMOND VALLEY

Your P.O. #: 319278

Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B292526	6C2	Spiked Blank	Aldicarb	2024/02/20		98	%	70 - 130
			Atrazine	2024/02/20		100	%	30 - 130
			Desethyl-atrazine	2024/02/20		45	%	30 - 130
			Atrazine + Desethyl-atrazine	2024/02/20		72	%	30 - 130
			Bendiocarb	2024/02/20		104	%	40 - 130
			Bromoxynil	2024/02/20		102	%	40 - 130
			Carbaryl	2024/02/20		107	%	40 - 130
			Carbofuran	2024/02/20		102	%	40 - 130
			Chlorpyrifos (Dursban)	2024/02/20		108	%	40 - 130
			Cyanazine (Bladex)	2024/02/20		92	%	40 - 130
			Diazinon	2024/02/20		96	%	40 - 130
			Dicamba	2024/02/20		92	%	30 - 130
			Diclofop-methyl	2024/02/20		99	%	40 - 130
			Dimethoate	2024/02/20		94	%	40 - 130
			Dinoseb (DNBP)	2024/02/20		103	%	40 - 130
			Malathion	2024/02/20		104	%	40 - 130
			Metolachlor	2024/02/20		99	%	40 - 130
			Metribuzin (Sencor)	2024/02/20		98	%	40 - 130
			Parathion	2024/02/20		96	%	40 - 130
			Pentachlorophenol	2024/02/20		120	%	25 - 130
			Phorate (Thimet)	2024/02/20		101	%	40 - 130
			Picloram	2024/02/20		46	%	10 - 130
			Prometryn	2024/02/20		94	%	30 - 130
			Simazine	2024/02/20		84	%	40 - 130
			Terbufos	2024/02/20		100	%	40 - 130
			Triallate	2024/02/20		111	%	40 - 130
			Trifluralin	2024/02/20		93	%	40 - 130
			Methyl parathion	2024/02/20		97	%	30 - 130
			2,4,6-TRIBROMOPHENOL (sur.)	2024/02/20		94	%	30 - 130
			2,4-Dichlorophenyl Acetic Acid	2024/02/20		105	%	30 - 130
			2-Fluorobiphenyl	2024/02/20		78	%	30 - 130
			D14-Terphenyl (FS)	2024/02/20		97	%	30 - 130
			D5-NITROBENZENE (sur.)	2024/02/20		89	%	30 - 130
			2,4,5-T	2024/02/20		105	%	30 - 130
			2,4-D	2024/02/20		103	%	30 - 130
			Alachlor	2024/02/20		105	%	40 - 130
			Aldicarb	2024/02/20		96	%	70 - 130
			Atrazine	2024/02/20		99	%	30 - 130
			Desethyl-atrazine	2024/02/20		46	%	30 - 130
			Atrazine + Desethyl-atrazine	2024/02/20		72	%	30 - 130
			Bendiocarb	2024/02/20		100	%	40 - 130
			Bromoxynil	2024/02/20		101	%	40 - 130
			Carbaryl	2024/02/20		104	%	40 - 130
			Carbofuran	2024/02/20		99	%	40 - 130
			Chlorpyrifos (Dursban)	2024/02/20		106	%	40 - 130
			Cyanazine (Bladex)	2024/02/20		90	%	40 - 130
			Diazinon	2024/02/20		95	%	40 - 130
			Dicamba	2024/02/20		99	%	30 - 130
			Diclofop-methyl	2024/02/20		97	%	40 - 130
			Dimethoate	2024/02/20		92	%	40 - 130
			Dinoseb (DNBP)	2024/02/20		102	%	40 - 130
			Malathion	2024/02/20		104	%	40 - 130



BUREAU
VERITAS

Bureau Veritas Job #: C408885
Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF
Client Project #: DIAMOND VALLEY DISTRIBUTION SY
Site Location: TOWN OF DIAMOND VALLEY
Your P.O. #: 319278
Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B292526	éC2	RPD	Metolachlor	2024/02/20		97	%	40 - 130
			Metribuzin (Sencor)	2024/02/20		100	%	40 - 130
			Parathion	2024/02/20		94	%	40 - 130
			Pentachlorophenol	2024/02/20		117	%	25 - 130
			Phorate (Thimet)	2024/02/20		97	%	40 - 130
			Picloram	2024/02/20		48	%	10 - 130
			Prometryn	2024/02/20		98	%	30 - 130
			Simazine	2024/02/20		82	%	40 - 130
			Terbufos	2024/02/20		97	%	40 - 130
			Triallate	2024/02/20		110	%	40 - 130
			Trifluralin	2024/02/20		94	%	40 - 130
			Methyl parathion	2024/02/20		95	%	30 - 130
			2,4,5-T	2024/02/20	1.7		%	40
			2,4-D	2024/02/20	2.1		%	40
			Alachlor	2024/02/20	1.2		%	40
			Aldicarb	2024/02/20	1.7		%	40
			Atrazine	2024/02/20	0.081		%	40
			Desethyl-atrazine	2024/02/20	1.7		%	40
			Atrazine + Desethyl-atrazine	2024/02/20	0.61		%	40
			Bendiocarb	2024/02/20	2.8		%	40
			Bromoxynil	2024/02/20	0.81		%	40
			Carbaryl	2024/02/20	3.0		%	40
			Carbofuran	2024/02/20	1.3		%	40
			Chlorpyrifos (Dursban)	2024/02/20	1.4		%	40
			Cyanazine (Bladex)	2024/02/20	0.47		%	40
			Diazinon	2024/02/20	0.49		%	40
			Dicamba	2024/02/20	1.5		%	40
			Diclofop-methyl	2024/02/20	0.33		%	40
			Dimethoate	2024/02/20	5.4		%	40
			Dinoseb (DNBP)	2024/02/20	0.38		%	40
			Malathion	2024/02/20	0.42		%	40
			Metolachlor	2024/02/20	0.25		%	40
			Metribuzin (Sencor)	2024/02/20	0.070		%	40
			Parathion	2024/02/20	1.7		%	40
			Pentachlorophenol	2024/02/20	1.3		%	40
			Phorate (Thimet)	2024/02/20	1.1		%	40
			Picloram	2024/02/20	10		%	40
			Prometryn	2024/02/20	2.1		%	40
			Simazine	2024/02/20	0.097		%	40
			Terbufos	2024/02/20	2.1		%	40
			Triallate	2024/02/20	0.30		%	40
			Trifluralin	2024/02/20	2.5		%	40
			Methyl parathion	2024/02/20	0.25		%	40
B292526	éC2	Method Blank	2,4,6-TRIBROMOPHENOL (sur.)	2024/02/20		78	%	30 - 130
			2,4-Dichlorophenyl Acetic Acid	2024/02/20		84	%	30 - 130
			2-Fluorobiphenyl	2024/02/20		64	%	30 - 130
			D14-Terphenyl (FS)	2024/02/20		92	%	30 - 130
			D5-NITROBENZENE (sur.)	2024/02/20		71	%	30 - 130
			2,4,5-T	2024/02/20	<1.0		ug/L	
			2,4-D	2024/02/20	<1.0		ug/L	
			Alachlor	2024/02/20	<0.50		ug/L	
			Aldicarb	2024/02/20	<5.0		ug/L	



**BUREAU
VERITAS**

Bureau Veritas Job #: C408885
Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF
Client Project #: DIAMOND VALLEY DISTRIBUTION SY
Site Location: TOWN OF DIAMOND VALLEY
Your P.O. #: 319278
Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Atrazine	2024/02/20	<0.50		ug/L	
			Desethyl-atrazine	2024/02/20	<0.50		ug/L	
			Atrazine + Desethyl-atrazine	2024/02/20	<1.0		ug/L	
			Bendiocarb	2024/02/20	<2.0		ug/L	
			Bromoxynil	2024/02/20	<0.50		ug/L	
			Carbaryl	2024/02/20	<5.0		ug/L	
			Carbofuran	2024/02/20	<5.0		ug/L	
			Chlorpyrifos (Dursban)	2024/02/20	<1.0		ug/L	
			Cyanazine (Bladex)	2024/02/20	<1.0		ug/L	
			Diazinon	2024/02/20	<1.0		ug/L	
			Dicamba	2024/02/20	<1.0		ug/L	
			Diclofop-methyl	2024/02/20	<0.90		ug/L	
			Dimethoate	2024/02/20	<2.5		ug/L	
			Dinoseb (DNBP)	2024/02/20	<1.0		ug/L	
			Malathion	2024/02/20	<5.0		ug/L	
			Metolachlor	2024/02/20	<0.50		ug/L	
			Metribuzin (Sencor)	2024/02/20	<5.0		ug/L	
			Parathion	2024/02/20	<1.0		ug/L	
			Pentachlorophenol	2024/02/20	<0.50		ug/L	
			Phorate (Thimet)	2024/02/20	<0.50		ug/L	
			Picloram	2024/02/20	<5.0		ug/L	
			Prometryn	2024/02/20	<0.25		ug/L	
			Simazine	2024/02/20	<1.0		ug/L	
			Terbufos	2024/02/20	<0.50		ug/L	
			Triallate	2024/02/20	<1.0		ug/L	
			Trifluralin	2024/02/20	<1.0		ug/L	
			Methyl parathion	2024/02/20	<1.0		ug/L	
B292527	KIH	Matrix Spike	Guthion (Azinphos-methyl)	2024/02/22		102	%	40 - 130
			Temephos	2024/02/22		58	%	40 - 130
			Diuron	2024/02/22		105	%	40 - 130
B292527	KIH	Spiked Blank	Guthion (Azinphos-methyl)	2024/02/22		110	%	40 - 130
			Temephos	2024/02/22		85	%	40 - 130
			Diuron	2024/02/22		106	%	40 - 130
B292527	KIH	Method Blank	Guthion (Azinphos-methyl)	2024/02/22	<2.0		ug/L	
			Temephos	2024/02/22	<10		ug/L	
			Diuron	2024/02/22	<10		ug/L	
B292528	LPG	Matrix Spike	2,4,5,6-Tetrachloro-m-xylene	2024/02/15		73	%	50 - 130
			a-BHC	2024/02/15		51	%	30 - 130
			a-Chlordane	2024/02/15		58	%	50 - 130
			b-BHC	2024/02/15		157 (1)	%	30 - 130
			d-BHC	2024/02/15		72	%	30 - 130
			Decachlorobiphenyl	2024/02/15		92	%	50 - 130
			Endosulfan I	2024/02/15		68	%	50 - 130
			Endosulfan II	2024/02/15		67	%	50 - 130
			Endosulfan Sulfate	2024/02/15		105	%	30 - 130
			Endrin	2024/02/15		58	%	50 - 130
			Endrin Aldehyde	2024/02/15		33	%	30 - 130
			Endrin ketone	2024/02/15		100	%	30 - 130
			Hexachlorobenzene	2024/02/15		71	%	50 - 130
			Mirex	2024/02/15		33	%	30 - 130
			o,p'-DDT	2024/02/15		53	%	50 - 130
			Octachlorostyrene	2024/02/15		39	%	30 - 130



BUREAU
VERITAS

Bureau Veritas Job #: C408885
Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF
Client Project #: DIAMOND VALLEY DISTRIBUTION SY
Site Location: TOWN OF DIAMOND VALLEY
Your P.O. #: 319278
Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B292528	LPG	Spiked Blank	Lindane	2024/02/15		74	%	50 - 130
			Heptachlor	2024/02/15		58	%	50 - 130
			Aldrin	2024/02/15		43 (1)	%	50 - 130
			Heptachlor Epoxide	2024/02/15		63	%	50 - 130
			Oxychlordane	2024/02/15		74	%	30 - 130
			g-Chlordane	2024/02/15		55	%	50 - 130
			Dieldrin	2024/02/15		63	%	50 - 130
			o,p'-DDE	2024/02/15		48 (1)	%	50 - 130
			p,p'-DDE	2024/02/15		42 (1)	%	50 - 130
			o,p'-DDD	2024/02/15		79	%	50 - 130
			p,p'-DDD	2024/02/15		60	%	50 - 130
			p,p'-DDT	2024/02/15		165 (1)	%	50 - 130
			Methoxychlor	2024/02/15		143 (1)	%	50 - 130
			2,4,5,6-Tetrachloro-m-xylene	2024/02/15		89	%	50 - 130
			a-BHC	2024/02/15		84	%	30 - 130
			a-Chlordane	2024/02/15		88	%	50 - 130
			b-BHC	2024/02/15		76	%	30 - 130
			d-BHC	2024/02/15		75	%	30 - 130
			Decachlorobiphenyl	2024/02/15		129	%	50 - 130
			Endosulfan I	2024/02/15		91	%	50 - 130
			Endosulfan II	2024/02/15		88	%	50 - 130
			Endosulfan Sulfate	2024/02/15		95	%	30 - 130
			Endrin	2024/02/15		92	%	50 - 130
			Endrin Aldehyde	2024/02/15		69	%	30 - 130
			Endrin ketone	2024/02/15		96	%	30 - 130
			Hexachlorobenzene	2024/02/15		81	%	50 - 130
			Mirex	2024/02/15		94	%	30 - 130
			o,p'-DDT	2024/02/15		104	%	50 - 130
			Octachlorostyrene	2024/02/15		85	%	30 - 130
			Lindane	2024/02/15		83	%	50 - 130
			Heptachlor	2024/02/15		77	%	50 - 130
			Aldrin	2024/02/15		79	%	50 - 130
			Heptachlor Epoxide	2024/02/15		87	%	50 - 130
			Oxychlordane	2024/02/15		93	%	30 - 130
			g-Chlordane	2024/02/15		88	%	50 - 130
			Dieldrin	2024/02/15		94	%	50 - 130
			o,p'-DDE	2024/02/15		92	%	50 - 130
			p,p'-DDE	2024/02/15		85	%	50 - 130
			o,p'-DDD	2024/02/15		95	%	50 - 130
			p,p'-DDD	2024/02/15		94	%	50 - 130
			p,p'-DDT	2024/02/15		105	%	50 - 130
			Methoxychlor	2024/02/15		111	%	50 - 130
B292528	LPG	RPD	a-BHC	2024/02/15	4.1		%	40
			a-Chlordane	2024/02/15	4.4		%	30
			b-BHC	2024/02/15	5.7		%	40
			d-BHC	2024/02/15	2.5		%	40
			Endosulfan I	2024/02/15	1.7		%	30
			Endosulfan II	2024/02/15	6.3		%	30
			Endosulfan Sulfate	2024/02/15	5.4		%	40
			Endrin	2024/02/15	4.3		%	30
			Endrin Aldehyde	2024/02/15	7.3		%	40
			Endrin ketone	2024/02/15	5.3		%	40



BUREAU
VERITAS

Bureau Veritas Job #: C408885

Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF

Client Project #: DIAMOND VALLEY DISTRIBUTION SY

Site Location: TOWN OF DIAMOND VALLEY

Your P.O. #: 319278

Sampler Initials: KF

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B292528	LPG	Method Blank	Hexachlorobenzene	2024/02/15	2.6		%	30
			Mirex	2024/02/15	6.6		%	40
			o,p'-DDT	2024/02/15	4.5		%	30
			Octachlorostyrene	2024/02/15	4.3		%	40
			Lindane	2024/02/15	4.1		%	30
			Heptachlor	2024/02/15	3.0		%	30
			Aldrin	2024/02/15	3.9		%	30
			Heptachlor Epoxide	2024/02/15	4.8		%	30
			Oxychlordane	2024/02/15	4.0		%	30
			g-Chlordane	2024/02/15	7.7		%	30
			Dieldrin	2024/02/15	5.2		%	30
			o,p'-DDE	2024/02/15	9.4		%	30
			p,p'-DDE	2024/02/15	1.8		%	30
			o,p'-DDD	2024/02/15	4.4		%	30
			p,p'-DDD	2024/02/15	5.3		%	30
			p,p'-DDT	2024/02/15	4.2		%	30
			Methoxychlor	2024/02/15	8.6		%	30
			2,4,5,6-Tetrachloro-m-xylene	2024/02/15		87	%	50 - 130
			a-BHC	2024/02/15	<0.005		ug/L	
			a-Chlordane	2024/02/15	<0.005		ug/L	
			b-BHC	2024/02/15	<0.005		ug/L	
			d-BHC	2024/02/15	<0.005		ug/L	
			Decachlorobiphenyl	2024/02/15		124	%	50 - 130
			Endosulfan I	2024/02/15	<0.005		ug/L	
			Endosulfan II	2024/02/15	<0.005		ug/L	
			Endosulfan Sulfate	2024/02/15	<0.005		ug/L	
			Endrin	2024/02/15	<0.005		ug/L	
			Endrin Aldehyde	2024/02/15	<0.005		ug/L	
			Endrin ketone	2024/02/15	<0.005		ug/L	
			Hexachlorobenzene	2024/02/15	<0.005		ug/L	
			Mirex	2024/02/15	<0.005		ug/L	
			o,p'-DDT	2024/02/15	<0.005		ug/L	
			Octachlorostyrene	2024/02/15	<0.005		ug/L	
			Toxaphene	2024/02/15	<0.2		ug/L	
			Lindane	2024/02/15	<0.003		ug/L	
			Heptachlor	2024/02/15	<0.005		ug/L	
			Aldrin	2024/02/15	<0.005		ug/L	
			Heptachlor Epoxide	2024/02/15	<0.005		ug/L	
			Oxychlordane	2024/02/15	<0.005		ug/L	
			g-Chlordane	2024/02/15	<0.005		ug/L	
			Dieldrin	2024/02/15	<0.005		ug/L	
			o,p'-DDE	2024/02/15	<0.005		ug/L	
			p,p'-DDE	2024/02/15	<0.005		ug/L	
			o,p'-DDD	2024/02/15	<0.005		ug/L	
			p,p'-DDD	2024/02/15	<0.005		ug/L	
			p,p'-DDT	2024/02/15	<0.005		ug/L	
			Methoxychlor	2024/02/15	<0.01		ug/L	
			Aroclor 1016	2024/02/15	<0.05		ug/L	
			Aroclor 1221	2024/02/15	<0.05		ug/L	
			Aroclor 1232	2024/02/15	<0.05		ug/L	
			Aroclor 1242	2024/02/15	<0.05		ug/L	
			Aroclor 1248	2024/02/15	<0.05		ug/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Aroclor 1254	2024/02/15	<0.05		ug/L	
			Aroclor 1260	2024/02/15	<0.05		ug/L	
N/A = Not Applicable Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement. Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference. Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy. Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination. Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency. NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration) NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL). (1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.								



BUREAU
VERITAS

Bureau Veritas Job #: C408885

Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF

Client Project #: DIAMOND VALLEY DISTRIBUTION SY

Site Location: TOWN OF DIAMOND VALLEY

Your P.O. #: 319278

Sampler Initials: KF

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS

Cristina Carriere, Senior Scientific Specialist

Gita Pokhrel, Laboratory Supervisor

Janet Gao, B.Sc., QP, Supervisor, Organics

Suwan (Sze Yeung) Fock, B.Sc., Scientific Specialist

Veronica Falk, B.Sc., P.Chem., QP, Scientific Specialist, Organics



Bureau Veritas Proprietary Software
Logiciel Propriétaire de Bureau Veritas

Automated Statchk



BUREAU
VERITAS

Bureau Veritas Job #: C408885

Report Date: 2024/02/28

DIAMOND VALLEY, TOWN OF

Client Project #: DIAMOND VALLEY DISTRIBUTION SY

Site Location: TOWN OF DIAMOND VALLEY

Your P.O. #: 319278

Sampler Initials: KF

VALIDATION SIGNATURE PAGE(CONT'D)

The analytical data and all QC contained in this report were reviewed and validated by:

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Scott Cantwell, General Manager responsible for Alberta Environmental laboratory operations.



C408885