

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

Attention: Terry Orum

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

Report Date: 2025/02/24
Report #: R3626028
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C512753

Received: 2025/02/06, 10:30

Sample Matrix: Water
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Bromate	1	N/A	2025/02/11	CAL SOP-00040	SM 24 4110 D m
BTEX/F1 in Water by HS GC/MS/FID	1	N/A	2025/02/07	AB SOP-00039	CCME CWS/EPA 8260d m
F1-BTEX	1	N/A	2025/02/08		Auto Calc
Cadmium - low level CCME (Total)	1	N/A	2025/02/13		Auto Calc
Chlorine (Free) (2)	1	N/A	2025/02/10	AB SOP-00032	SM 24 4500-Cl G m
Chloramines, Residual	1	N/A	2025/02/10		Auto Calc
Chlorine (Total) (2)	1	N/A	2025/02/10	AB SOP-00032	SM 24 4500-Cl G m
Chlorate and Chlorite by IC	1	N/A	2025/02/08	CAL SOP-00040	SM 24 4110 D m
Chloride/Sulphate by Auto Colourimetry	1	N/A	2025/02/07	AB SOP-00020	SM24-4500-Cl/SO4-E m
Cyanide (total)	1	N/A	2025/02/11	CAL SOP-00270	SM 24 4500-CN m
True Colour	1	N/A	2025/02/07	CAL SOP-00049	SM 24 2120 C m
Fluoride	1	N/A	2025/02/07	AB SOP-00005	SM 24 4500-F C m
CCME Hydrocarbons (F2-F4 in water) (3)	1	2025/02/07	2025/02/07	AB SOP-00037	CCME PHC-CWS m
Sulphide (as H ₂ S)	1	N/A	2025/02/10		Auto Calc
Hardness Total (calculated as CaCO ₃) (4)	1	N/A	2025/02/13	BBY WI-00033	Auto Calc
Mercury (Total) by CV	1	2025/02/07	2025/02/07	AB SOP-00084	BCMOE BCLM Oct2013 m
Elements by ICP - Total	1	2025/02/10	2025/02/13	AB SOP-00014 / AB SOP-00042	EPA 6010d R5 m
Elements by ICPMS - Total	1	2025/02/10	2025/02/11	AB SOP-00014 / AB SOP-00043	EPA 6020b R2 m
Ammonia-N (Total)	1	N/A	2025/02/07	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate and Nitrite	1	N/A	2025/02/08		Auto Calc
NO ₂ (N); NO ₂ (N) + NO ₃ (N) in Water	1	N/A	2025/02/07	AB SOP-00091	SM 24 4500 NO3m
Nitrate + Nitrite-N (calculated)	1	N/A	2025/02/10		Auto Calc
Nitrate (as N)	1	2025/02/06	2025/02/08		Auto Calc
Benzo[a]pyrene Equivalency (5)	1	N/A	2025/02/08		Auto Calc
PAH in Water by GC/MS	1	2025/02/07	2025/02/08	AB SOP-00037 / AB SOP-00003	EPA 3510C/8270E m
pH @25°C (6)	1	N/A	2025/02/07	AB SOP-00005	SM 24 4500-H+B m
Phenoxyalkyl acid Pesticides	1	2025/02/07	2025/02/07	CAL SOP-00094	EPA 8151 R1 m



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Sample Matrix: Water
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Total Sulphide	1	2025/02/07	2025/02/08	AB SOP-00080	SM 24 4500 S2-A D Fm
Phenols (semivolatile)	1	2025/02/10	2025/02/10	CAL SOP-00164	EPA 8270e m
Total Dissolved Solids (Filt. Residue)	1	2025/02/07	2025/02/10	AB SOP-00065	SM 24 2540 C m
Total Trihalomethanes Calculation	1	N/A	2025/02/10		Auto Calc
Carbon (Total Organic) (7)	1	N/A	2025/02/07	AB SOP-00087	MMCW 119 1996 m
Turbidity	1	N/A	2025/02/07	CAL SOP-00081	SM 24 2130 B m
VOCs in Water by HS GC/MS (Std List)	1	N/A	2025/02/07	AB SOP-00056	EPA 5021a/8260d m
Diuron, Guthion, Temephos (1)	1	2025/02/11	2025/02/12	CAM SOP-00306	In-House method
Diquat / Paraquat (1)	1	2025/02/11	2025/02/15	CAM SOP-00327	EPA 549.2 m
Glyphosate (1)	1	2025/02/13	2025/02/14	CAM SOP-00305	HPLC in-house method
Haloacetic Acids in Water (1)	1	2025/02/12	2025/02/14	CAM SOP-00954	EPA 552.2 m
Nitrosamines in Water (1)	1	2025/02/11	2025/02/18	BRL SOP-00012 BRL SOP-00401	EPA M 607/1625B mod
Nitrilotriacetic Acid (NTA) (1, 8)	1	2025/02/10	2025/02/10	CAM SOP-00411	EPA 430.1 m
OC Pesticides (Selected) & PCB (1, 9)	1	2025/02/12	2025/02/14	CAM SOP-00307	EPA 8081B/ 8082A
OC Pesticides Summed Parameters (1)	1	N/A	2025/02/10	CAM SOP-00307	EPA 8081B/ 8082A
ODWS-Semi-Volatiles (1)	1	2025/02/13	2025/02/14	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



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customer or their agent.

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 endeavours 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:

Morgan Melnychuk, Customer Solutions Representative

Email: Morgan.MELNYCHUK@bureauveritas.com

Phone# (604)638-8034 Ext:8034

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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		DEH594		
Sampling Date		2025/02/06 09:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO	RDL	QC Batch
Ext. Pet. Hydrocarbon				
F2 (C10-C16 Hydrocarbons)	mg/L	<0.10	0.10	B683128
F3 (C16-C34 Hydrocarbons)	mg/L	<0.10	0.10	B683128
F4 (C34-C50 Hydrocarbons)	mg/L	<0.20	0.20	B683128
Volatiles				
Benzene	ug/L	<0.40	0.40	B682429
Toluene	ug/L	<0.40	0.40	B682429
Ethylbenzene	ug/L	<0.40	0.40	B682429
m & p-Xylene	ug/L	<0.80	0.80	B682429
o-Xylene	ug/L	<0.40	0.40	B682429
Xylenes (Total)	ug/L	<0.89	0.89	B682159
F1 (C6-C10) - BTEX	ug/L	<100	100	B682159
F1 (C6-C10)	ug/L	<100	100	B682429
Surrogate Recovery (%)				
1,4-Difluorobenzene (sur.)	%	110	N/A	B682429
4-Bromofluorobenzene (sur.)	%	92	N/A	B682429
D4-1,2-Dichloroethane (sur.)	%	107	N/A	B682429
O-TERPHENYL (sur.)	%	99	N/A	B683128
RDL = Reportable Detection Limit N/A = Not Applicable				



REGULATED METALS (CCME/AT1) - TOTAL

Bureau Veritas ID		DEH594		
Sampling Date		2025/02/06 09:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO	RDL	QC Batch
Elements				
Total Cadmium (Cd)	ug/L	<0.020	0.020	B682194
Total Aluminum (Al)	mg/L	0.0055	0.0030	B685439
Total Antimony (Sb)	mg/L	<0.00060	0.00060	B685439
Total Arsenic (As)	mg/L	<0.00020	0.00020	B685439
Total Barium (Ba)	mg/L	0.068	0.010	B685442
Total Beryllium (Be)	mg/L	<0.0010	0.0010	B685439
Total Boron (B)	mg/L	0.026	0.020	B685442
Total Calcium (Ca)	mg/L	77	0.30	B685442
Total Chromium (Cr)	mg/L	<0.0010	0.0010	B685439
Total Cobalt (Co)	mg/L	<0.00030	0.00030	B685439
Total Copper (Cu)	mg/L	0.0055	0.0010	B685439
Total Iron (Fe)	mg/L	<0.060	0.060	B685442
Total Lead (Pb)	mg/L	<0.00020	0.00020	B685439
Total Lithium (Li)	mg/L	<0.020	0.020	B685442
Total Magnesium (Mg)	mg/L	21	0.20	B685442
Total Manganese (Mn)	mg/L	<0.0040	0.0040	B685442
Total Molybdenum (Mo)	mg/L	0.00086	0.00020	B685439
Total Nickel (Ni)	mg/L	<0.00050	0.00050	B685439
Total Phosphorus (P)	mg/L	<0.10	0.10	B685442
Total Potassium (K)	mg/L	0.98	0.30	B685442
Total Selenium (Se)	mg/L	0.00093	0.00020	B685439
Total Silicon (Si)	mg/L	1.9	0.50	B685442
Total Silver (Ag)	mg/L	<0.00010	0.00010	B685439
Total Sodium (Na)	mg/L	11	0.50	B685442
Total Strontium (Sr)	mg/L	0.35	0.020	B685442
Total Sulphur (S)	mg/L	36	0.20	B685442
Total Thallium (Tl)	mg/L	<0.00020	0.00020	B685439
Total Tin (Sn)	mg/L	<0.0010	0.0010	B685439
Total Titanium (Ti)	mg/L	<0.0010	0.0010	B685439
Total Uranium (U)	mg/L	0.00070	0.00010	B685439
RDL = Reportable Detection Limit				



REGULATED METALS (CCME/AT1) - TOTAL

Bureau Veritas ID		DEH594		
Sampling Date		2025/02/06 09:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO	RDL	QC Batch
Total Vanadium (V)	mg/L	<0.0010	0.0010	B685439
Total Zinc (Zn)	mg/L	<0.0030	0.0030	B685439
RDL = Reportable Detection Limit				



RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DEH594	DEH594		
Sampling Date		2025/02/06 09:00	2025/02/06 09:00		
COC Number		TV18080802	TV18080802		
	UNITS	DV TREATED DISTRO	DV TREATED DISTRO Lab-Dup	RDL	QC Batch
Base Neutrals					
N-Nitrosodimethylamine	ng/L	<1.9	N/A	1.9	B699321
N-nitrosopiperidine	ng/L	<1.9	N/A	1.9	B699321
Calculated Parameters					
Residual Chloramines	mg/L	0.090	N/A	0.020	B682590
Total Hardness (CaCO ₃)	mg/L	280	N/A	0.50	B682162
Nitrate (N)	mg/L	0.027	N/A	0.010	B682151
Nitrate (NO ₃)	mg/L	0.12	N/A	0.044	B682149
Nitrate plus Nitrite (N)	mg/L	0.027	N/A	0.014	B683082
Nitrite (NO ₂)	mg/L	<0.033	N/A	0.033	B682149
Sulphide (as H ₂ S)	mg/L	<0.0020	N/A	0.0020	B683003
Misc. Inorganics					
Free Chlorine	mg/L	0.69	N/A	0.020	B684866
Total Chlorine	mg/L	0.78	N/A	0.020	B684867
Strong Acid Dissoc. Cyanide (CN)	mg/L	0.00066	N/A	0.00050	B686037
pH	pH	7.73	N/A	N/A	B683775
Total Organic Carbon (C)	mg/L	0.99	N/A	0.50	B683878
Total Dissolved Solids	mg/L	330	N/A	10	B683404
Anions					
Bromate	mg/L	<0.0095	N/A	0.0095	B684458
Chlorate (ClO ₃)	mg/L	0.38	N/A	0.10	B684481
Chlorite (ClO ₂)	mg/L	<0.10	N/A	0.10	B684481
Dissolved Fluoride (F)	mg/L	0.24	N/A	0.050	B683789
Total Sulphide	mg/L	<0.0018 (1)	N/A	0.0018	B683665
Chloride (Cl)	mg/L	8.2	N/A	1.0	B683767
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable (1) Sample pH <9, preservation incomplete. Due to volatility of analyte, a low bias in the results is likely.					



RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DEH594	DEH594		
Sampling Date		2025/02/06 09:00	2025/02/06 09:00		
COC Number		TV18080802	TV18080802		
	UNITS	DV TREATED DISTRO	DV TREATED DISTRO Lab-Dup	RDL	QC Batch
MISCELLANEOUS					
Dalapon	ug/L	<5.0	N/A	5.0	B692955
Nitritotriacetic acid	mg/L	<0.050	<0.050	0.050	B690560
Monochloroacetic Acid	ug/L	<5.0	N/A	5.0	B692955
Monobromoacetic Acid	ug/L	<5.0	N/A	5.0	B692955
Dichloroacetic Acid	ug/L	8.5	N/A	5.0	B692955
Trichloroacetic Acid	ug/L	11	N/A	5.0	B692955
Bromochloroacetic Acid	ug/L	<5.0	N/A	5.0	B692955
Dibromoacetic Acid	ug/L	<5.0	N/A	5.0	B692955
Total Haloacetic Acids	ug/L	20	N/A	5.0	B692955
Nutrients					
Total Ammonia (N)	mg/L	<0.015	N/A	0.015	B683760
Nitrite (N)	mg/L	<0.010	N/A	0.010	B683847
Nitrate plus Nitrite (N)	mg/L	0.027	N/A	0.010	B683847
Pesticides & Herbicides					
Diquat	ug/L	<7.0	N/A	7.0	B699326
Paraquat	ug/L	<1.0	N/A	1.0	B699326
Physical Properties					
True Colour	PtCo units	<2.0	N/A	2.0	B683770
Physical Properties					
Turbidity	NTU	<0.10	<0.10	0.10	B684117
Surrogate Recovery (%)					
2,3-Dibromopropionic Acid	%	92	N/A	N/A	B692955
D10-N-nitrosodiethylamine	%	69	N/A	N/A	B699321
D14-N-Nitrosodi-n-propylamine	%	67	N/A	N/A	B699321
D6-NDMA	%	28	N/A	N/A	B699321
D8-N-Nitrosomorpholine	%	53	N/A	N/A	B699321
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable					



PHENOXYALKYL ACID PESTICIDES/HERBICIDES (WATER)

Bureau Veritas ID		DEH594		
Sampling Date		2025/02/06 09:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO	RDL	QC Batch
Phenoxyalkyl acid Pest.				
MCPA	ug/L	<0.020	0.020	B683412
Surrogate Recovery (%)				
2,4-Dichlorophenyl Acetic Acid	%	88	N/A	B683412
RDL = Reportable Detection Limit				
N/A = Not Applicable				

**SEMIVOLATILE ORGANICS BY GC-MS (WATER)**

Bureau Veritas ID		DEH594		
Sampling Date		2025/02/06 09:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO	RDL	QC Batch
Polycyclic Aromatics				
B[a]P TPE Total Potency Equivalents	ug/L	<0.010	0.010	B682152
Acenaphthene	ug/L	<0.10	0.10	B682995
Acenaphthylene	ug/L	<0.10	0.10	B682995
Acridine	ug/L	<0.040	0.040	B682995
Anthracene	ug/L	<0.010	0.010	B682995
Benzo(a)anthracene	ug/L	<0.0085	0.0085	B682995
Benzo(b&j)fluoranthene	ug/L	<0.0085	0.0085	B682995
Benzo(k)fluoranthene	ug/L	<0.0085	0.0085	B682995
Benzo(g,h,i)perylene	ug/L	<0.0085	0.0085	B682995
Benzo(c)phenanthrene	ug/L	<0.050	0.050	B682995
Benzo(a)pyrene	ug/L	<0.0075	0.0075	B682995
Benzo(e)pyrene	ug/L	<0.050	0.050	B682995
Chrysene	ug/L	<0.0085	0.0085	B682995
Dibenz(a,h)anthracene	ug/L	<0.0075	0.0075	B682995
Fluoranthene	ug/L	<0.010	0.010	B682995
Fluorene	ug/L	<0.050	0.050	B682995
Indeno(1,2,3-cd)pyrene	ug/L	<0.0085	0.0085	B682995
1-Methylnaphthalene	ug/L	<0.10	0.10	B682995
2-Methylnaphthalene	ug/L	<0.10	0.10	B682995
Naphthalene	ug/L	<0.10	0.10	B682995
Phenanthrene	ug/L	<0.050	0.050	B682995
Perylene	ug/L	<0.050	0.050	B682995
Pyrene	ug/L	<0.020	0.020	B682995
Quinoline	ug/L	<0.20	0.20	B682995
Phenols				
2,3,4,6-tetrachlorophenol	mg/L	<0.00010	0.00010	B684907
2,4,6-trichlorophenol	mg/L	0.00020	0.00010	B684907
2,4-dichlorophenol	mg/L	<0.00010	0.00010	B684907
SEMI-VOLATILE ORGANICS				
2,3,4,6-tetrachlorophenol	ug/L	<0.50	0.50	B699327
RDL = Reportable Detection Limit				



SEMIVOLATILE ORGANICS BY GC-MS (WATER)

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Sampling Date		2025/02/06 09:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO	RDL	QC Batch
2,4,5-T	ug/L	<1.0	1.0	B699327
2,4,6-trichlorophenol	ug/L	<0.50	0.50	B699327
2,4-D	ug/L	<1.0	1.0	B699327
2,4-dichlorophenol	ug/L	<0.25	0.25	B699327
Alachlor	ug/L	<0.50	0.50	B699327
Aldicarb	ug/L	<5.0	5.0	B699327
Atrazine	ug/L	<0.50	0.50	B699327
Desethyl-atrazine	ug/L	<0.50	0.50	B699327
Atrazine + Desethyl-atrazine	ug/L	<1.0	1.0	B699327
Bendiocarb	ug/L	<2.0	2.0	B699327
Bromoxynil	ug/L	<0.50	0.50	B699327
Carbaryl	ug/L	<5.0	5.0	B699327
Carbofuran	ug/L	<5.0	5.0	B699327
Chlorpyrifos (Dursban)	ug/L	<1.0	1.0	B699327
Cyanazine (Bladex)	ug/L	<1.0	1.0	B699327
Diazinon	ug/L	<1.0	1.0	B699327
Dicamba	ug/L	<1.0	1.0	B699327
Diclofop-methyl	ug/L	<0.90	0.90	B699327
Dimethoate	ug/L	<2.5	2.5	B699327
Dinoseb (DNBP)	ug/L	<1.0	1.0	B699327
Malathion	ug/L	<5.0	5.0	B699327
Metolachlor	ug/L	<0.50	0.50	B699327
Metribuzin (Sencor)	ug/L	<5.0	5.0	B699327
Parathion	ug/L	<1.0	1.0	B699327
Pentachlorophenol	ug/L	<0.50	0.50	B699327
Phorate (Thimet)	ug/L	<0.50	0.50	B699327
Picloram	ug/L	<5.0	5.0	B699327
Prometryn	ug/L	<0.25	0.25	B699327
Simazine	ug/L	<1.0	1.0	B699327
Terbufos	ug/L	<0.50	0.50	B699327
Triallate	ug/L	<1.0	1.0	B699327
RDL = Reportable Detection Limit				



SEMIVOLATILE ORGANICS BY GC-MS (WATER)

Bureau Veritas ID		DEH594		
Sampling Date		2025/02/06 09:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO	RDL	QC Batch
Trifluralin	ug/L	<1.0	1.0	B699327
Benzo(a)pyrene	ug/L	<0.0050	0.0050	B699327
Methyl parathion	ug/L	<1.0	1.0	B699327
Surrogate Recovery (%)				
D10-ANTHRACENE (sur.)	%	80	N/A	B682995
D8-ACENAPHTHYLENE (sur.)	%	15 (1)	N/A	B682995
D8-NAPHTHALENE (sur.)	%	74	N/A	B682995
TERPHENYL-D14 (sur.)	%	90	N/A	B682995
2,4,6-TRIBROMOPHENOL (sur.)	%	225 (2)	N/A	B684907
2,4-DIBROMOPHENOL (sur.)	%	1.5 (2)	N/A	B684907
2,4,6-TRIBROMOPHENOL (sur.)	%	68	N/A	B699327
2,4-Dichlorophenyl Acetic Acid	%	92	N/A	B699327
2-Fluorobiphenyl	%	64	N/A	B699327
D14-Terphenyl (FS)	%	94	N/A	B699327
D5-NITROBENZENE (sur.)	%	66	N/A	B699327
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.				



MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DEH594	DEH594		
Sampling Date		2025/02/06 09:00	2025/02/06 09:00		
COC Number		TV18080802	TV18080802		
	UNITS	DV TREATED DISTRO	DV TREATED DISTRO Lab-Dup	RDL	QC Batch
Elements					
Total Mercury (Hg)	ug/L	<0.0019	<0.0019	0.0019	B683677
RDL = Reportable Detection Limit					
Lab-Dup = Laboratory Initiated Duplicate					



VOLATILE ORGANICS BY GC-MS (WATER)

Bureau Veritas ID		DEH594		
Sampling Date		2025/02/06 09:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO	RDL	QC Batch
Volatiles				
Total Trihalomethanes	ug/L	24	1.3	B682332
Bromodichloromethane	ug/L	2.7	0.50	B682959
Bromoform	ug/L	<0.50	0.50	B682959
Carbon tetrachloride	ug/L	<0.50	0.50	B682959
Chlorobenzene	ug/L	<0.50	0.50	B682959
Dibromochloromethane	ug/L	<1.0	1.0	B682959
Chloroform	ug/L	21	0.50	B682959
1,2-dichlorobenzene	ug/L	<0.50	0.50	B682959
1,4-dichlorobenzene	ug/L	<0.50	0.50	B682959
1,2-dichloroethane	ug/L	<0.50	0.50	B682959
1,1-dichloroethene	ug/L	<0.50	0.50	B682959
Dichloromethane	ug/L	<2.0	2.0	B682959
Methyl-tert-butylether (MTBE)	ug/L	<0.50	0.50	B682959
Tetrachloroethene	ug/L	<0.50	0.50	B682959
Trichloroethene	ug/L	<0.20	0.20	B682959
Trichlorofluoromethane	ug/L	<0.50	0.50	B682959
Vinyl chloride	ug/L	<0.50	0.50	B682959
Surrogate Recovery (%)				
1,4-Difluorobenzene (sur.)	%	100	N/A	B682959
4-Bromofluorobenzene (sur.)	%	96	N/A	B682959
D4-1,2-Dichloroethane (sur.)	%	104	N/A	B682959
RDL = Reportable Detection Limit				
N/A = Not Applicable				



PESTICIDES & HERBICIDES BY HPLC (WATER)

Bureau Veritas ID		DEH594		
Sampling Date		2025/02/06 09:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO	RDL	QC Batch
Pesticides & Herbicides				
Diuron	ug/L	<10	10	B690561
Glyphosate	ug/L	<10	10	B699325
Guthion (Azinphos-methyl)	ug/L	<2.0	2.0	B690561
Temephos	ug/L	<10	10	B690561
RDL = Reportable Detection Limit				



ORGANOCHLORINATED PESTICIDES BY GC-ECD (WATER)

Bureau Veritas ID		DEH594		
Sampling Date		2025/02/06 09:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO	RDL	QC Batch
Calculated Parameters				
Aldrin + Dieldrin	ug/L	<0.005	0.005	B699324
Chlordane (Total)	ug/L	<0.005	0.005	B699324
DDT + Metabolites	ug/L	<0.005	0.005	B699324
Heptachlor + Heptachlor epoxide	ug/L	<0.005	0.005	B699324
o,p-DDD + p,p-DDD	ug/L	<0.005	0.005	B699324
o,p-DDE + p,p-DDE	ug/L	<0.005	0.005	B699324
o,p-DDT + p,p-DDT	ug/L	<0.005	0.005	B699324
Total Endosulfan	ug/L	<0.005	0.005	B699324
Total PCB	ug/L	<0.05	0.05	B699324
Pesticides & Herbicides				
a-BHC	ug/L	<0.005	0.005	B699323
a-Chlordane	ug/L	<0.005	0.005	B699323
b-BHC	ug/L	<0.005	0.005	B699323
d-BHC	ug/L	<0.005	0.005	B699323
Endosulfan I	ug/L	<0.005	0.005	B699323
Endosulfan II	ug/L	<0.005	0.005	B699323
Endosulfan Sulfate	ug/L	<0.005	0.005	B699323
Endrin	ug/L	<0.005	0.005	B699323
Endrin Aldehyde	ug/L	<0.005	0.005	B699323
Endrin ketone	ug/L	<0.005	0.005	B699323
Hexachlorobenzene	ug/L	<0.005	0.005	B699323
Mirex	ug/L	<0.005	0.005	B699323
o,p'-DDT	ug/L	<0.005	0.005	B699323
Octachlorostyrene	ug/L	<0.005	0.005	B699323
Toxaphene	ug/L	<0.2	0.2	B699323
Lindane	ug/L	<0.003	0.003	B699323
Heptachlor	ug/L	<0.005	0.005	B699323
Aldrin	ug/L	<0.005	0.005	B699323
Heptachlor Epoxide	ug/L	<0.005	0.005	B699323
Oxychlordane	ug/L	<0.005	0.005	B699323
RDL = Reportable Detection Limit				



ORGANOCHLORINATED PESTICIDES BY GC-ECD (WATER)

Bureau Veritas ID		DEH594		
Sampling Date		2025/02/06 09:00		
COC Number		TV18080802		
	UNITS	DV TREATED DISTRO	RDL	QC Batch
g-Chlordane	ug/L	<0.005	0.005	B699323
Dieldrin	ug/L	<0.005	0.005	B699323
o,p'-DDE	ug/L	<0.005	0.005	B699323
p,p'-DDE	ug/L	<0.005	0.005	B699323
o,p'-DDD	ug/L	<0.005	0.005	B699323
p,p'-DDD	ug/L	<0.005	0.005	B699323
p,p'-DDT	ug/L	<0.005	0.005	B699323
Methoxychlor	ug/L	<0.01	0.01	B699323
Aroclor 1016	ug/L	<0.05	0.05	B699323
Aroclor 1221	ug/L	<0.05	0.05	B699323
Aroclor 1232	ug/L	<0.05	0.05	B699323
Aroclor 1242	ug/L	<0.05	0.05	B699323
Aroclor 1248	ug/L	<0.05	0.05	B699323
Aroclor 1254	ug/L	<0.05	0.05	B699323
Aroclor 1260	ug/L	<0.05	0.05	B699323
Surrogate Recovery (%)				
2,4,5,6-Tetrachloro-m-xylene	%	62	N/A	B699323
Decachlorobiphenyl	%	84	N/A	B699323
RDL = Reportable Detection Limit				
N/A = Not Applicable				



GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	2.3°C
Package 2	2.7°C

Results relate only to the items tested.



QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B682429	WPK	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/02/07		103	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/02/07		97	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/02/07		102	%	50 - 140
			Benzene	2025/02/07		91	%	50 - 140
			Toluene	2025/02/07		91	%	50 - 140
			Ethylbenzene	2025/02/07		89	%	50 - 140
			m & p-Xylene	2025/02/07		89	%	50 - 140
			o-Xylene	2025/02/07		90	%	50 - 140
			F1 (C6-C10)	2025/02/07		101	%	60 - 140
B682429	WPK	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/02/07		102	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/02/07		97	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/02/07		101	%	50 - 140
			Benzene	2025/02/07		93	%	60 - 130
			Toluene	2025/02/07		92	%	60 - 130
			Ethylbenzene	2025/02/07		94	%	60 - 130
			m & p-Xylene	2025/02/07		96	%	60 - 130
			o-Xylene	2025/02/07		96	%	60 - 130
			F1 (C6-C10)	2025/02/07		112	%	60 - 140
B682429	WPK	Method Blank	1,4-Difluorobenzene (sur.)	2025/02/07		109	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/02/07		95	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/02/07		109	%	50 - 140
			Benzene	2025/02/07	<0.40		ug/L	
			Toluene	2025/02/07	<0.40		ug/L	
			Ethylbenzene	2025/02/07	<0.40		ug/L	
			m & p-Xylene	2025/02/07	<0.80		ug/L	
			o-Xylene	2025/02/07	<0.40		ug/L	
			F1 (C6-C10)	2025/02/07	<100		ug/L	
B682429	WPK	RPD	Benzene	2025/02/07	NC		%	30
			Toluene	2025/02/07	NC		%	30
			Ethylbenzene	2025/02/07	NC		%	30
			m & p-Xylene	2025/02/07	NC		%	30
			o-Xylene	2025/02/07	NC		%	30
			F1 (C6-C10)	2025/02/07	NC		%	30
B682959	SNA	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/02/07		100	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/02/07		98	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/02/07		99	%	50 - 140
			Bromodichloromethane	2025/02/07		96	%	50 - 140
			Bromoform	2025/02/07		99	%	50 - 140
			Carbon tetrachloride	2025/02/07		91	%	50 - 140
			Chlorobenzene	2025/02/07		92	%	50 - 140
			Dibromochloromethane	2025/02/07		95	%	50 - 140
			Chloroform	2025/02/07		89	%	50 - 140
			1,2-dichlorobenzene	2025/02/07		92	%	50 - 140
			1,4-dichlorobenzene	2025/02/07		92	%	50 - 140
			1,2-dichloroethane	2025/02/07		96	%	50 - 140
			1,1-dichloroethene	2025/02/07		90	%	50 - 140
			Dichloromethane	2025/02/07		93	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/02/07		93	%	50 - 140
			Tetrachloroethene	2025/02/07		88	%	50 - 140
			Trichloroethene	2025/02/07		92	%	50 - 140
			Trichlorofluoromethane	2025/02/07		86	%	50 - 140
			Vinyl chloride	2025/02/07		80	%	50 - 140



BUREAU
VERITAS

Bureau Veritas Job #: C512753
Report Date: 2025/02/24

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
B682959	SNA	Spiked Blank		1,4-Difluorobenzene (sur.)	2025/02/07		100	%	50 - 140
				4-Bromofluorobenzene (sur.)	2025/02/07		98	%	50 - 140
				D4-1,2-Dichloroethane (sur.)	2025/02/07		98	%	50 - 140
				Bromodichloromethane	2025/02/07		98	%	60 - 130
				Bromoform	2025/02/07		99	%	60 - 130
				Carbon tetrachloride	2025/02/07		95	%	60 - 130
				Chlorobenzene	2025/02/07		94	%	60 - 130
				Dibromochloromethane	2025/02/07		95	%	60 - 130
				Chloroform	2025/02/07		92	%	60 - 130
				1,2-dichlorobenzene	2025/02/07		94	%	60 - 130
				1,4-dichlorobenzene	2025/02/07		94	%	60 - 130
				1,2-dichloroethane	2025/02/07		97	%	60 - 130
				1,1-dichloroethene	2025/02/07		93	%	60 - 130
				Dichloromethane	2025/02/07		94	%	60 - 130
				Methyl-tert-butylether (MTBE)	2025/02/07		94	%	60 - 130
				Tetrachloroethene	2025/02/07		90	%	60 - 130
				Trichloroethene	2025/02/07		96	%	60 - 130
				Trichlorofluoromethane	2025/02/07		90	%	60 - 130
				Vinyl chloride	2025/02/07		80	%	60 - 130
B682959	SNA	Method Blank		1,4-Difluorobenzene (sur.)	2025/02/07		100	%	50 - 140
				4-Bromofluorobenzene (sur.)	2025/02/07		96	%	50 - 140
				D4-1,2-Dichloroethane (sur.)	2025/02/07		102	%	50 - 140
				Bromodichloromethane	2025/02/07	<0.50		ug/L	
				Bromoform	2025/02/07	<0.50		ug/L	
				Carbon tetrachloride	2025/02/07	<0.50		ug/L	
				Chlorobenzene	2025/02/07	<0.50		ug/L	
				Dibromochloromethane	2025/02/07	<1.0		ug/L	
				Chloroform	2025/02/07	<0.50		ug/L	
				1,2-dichlorobenzene	2025/02/07	<0.50		ug/L	
				1,4-dichlorobenzene	2025/02/07	<0.50		ug/L	
				1,2-dichloroethane	2025/02/07	<0.50		ug/L	
				1,1-dichloroethene	2025/02/07	<0.50		ug/L	
				Dichloromethane	2025/02/07	<2.0		ug/L	
				Methyl-tert-butylether (MTBE)	2025/02/07	<0.50		ug/L	
				Tetrachloroethene	2025/02/07	<0.50		ug/L	
				Trichloroethene	2025/02/07	<0.20		ug/L	
				Trichlorofluoromethane	2025/02/07	<0.50		ug/L	
				Vinyl chloride	2025/02/07	<0.50		ug/L	
B682959	SNA	RPD		1,2-dichloroethane	2025/02/07	NC		%	30
B682995	SJ1	Spiked Blank		D10-ANTHRACENE (sur.)	2025/02/08		91	%	50 - 130
				D8-ACENAPHTHYLENE (sur.)	2025/02/08		84	%	50 - 130
				D8-NAPHTHALENE (sur.)	2025/02/08		65	%	50 - 130
				TERPHENYL-D14 (sur.)	2025/02/08		94	%	50 - 130
				Acenaphthene	2025/02/08		68	%	50 - 130
				Acenaphthylene	2025/02/08		77	%	50 - 130
				Acridine	2025/02/08		101	%	50 - 130
				Anthracene	2025/02/08		80	%	50 - 130
				Benzo(a)anthracene	2025/02/08		108	%	50 - 130
				Benzo(b&j)fluoranthene	2025/02/08		107	%	50 - 130
				Benzo(k)fluoranthene	2025/02/08		119	%	50 - 130
				Benzo(g,h,i)perylene	2025/02/08		103	%	50 - 130
				Benzo(c)phenanthrene	2025/02/08		108	%	50 - 130



**BUREAU
VERITAS**

Bureau Veritas Job #: C512753

Report Date: 2025/02/24

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
B682995	SJ1	Method Blank	Benzo(a)pyrene	2025/02/08		100	%	50 - 130
			Benzo(e)pyrene	2025/02/08		98	%	50 - 130
			Chrysene	2025/02/08		103	%	50 - 130
			Dibenz(a,h)anthracene	2025/02/08		104	%	50 - 130
			Fluoranthene	2025/02/08		106	%	50 - 130
			Fluorene	2025/02/08		83	%	50 - 130
			Indeno(1,2,3-cd)pyrene	2025/02/08		103	%	50 - 130
			1-Methylnaphthalene	2025/02/08		55	%	50 - 130
			2-Methylnaphthalene	2025/02/08		59	%	50 - 130
			Naphthalene	2025/02/08		71	%	50 - 130
			Phenanthrene	2025/02/08		93	%	50 - 130
			Perylene	2025/02/08		102	%	50 - 130
			Pyrene	2025/02/08		101	%	50 - 130
			Quinoline	2025/02/08		129	%	50 - 130
			D10-ANTHRACENE (sur.)	2025/02/08		79	%	50 - 130
			D8-ACENAPHTHYLENE (sur.)	2025/02/08		82	%	50 - 130
			D8-NAPHTHALENE (sur.)	2025/02/08		61	%	50 - 130
			TERPHENYL-D14 (sur.)	2025/02/08		82	%	50 - 130
			Acenaphthene	2025/02/08	<0.10		ug/L	
			Acenaphthylene	2025/02/08	<0.10		ug/L	
			Acridine	2025/02/08	<0.040		ug/L	
			Anthracene	2025/02/08	<0.010		ug/L	
			Benzo(a)anthracene	2025/02/08	<0.0085		ug/L	
			Benzo(b&j)fluoranthene	2025/02/08	<0.0085		ug/L	
			Benzo(k)fluoranthene	2025/02/08	<0.0085		ug/L	
			Benzo(g,h,i)perylene	2025/02/08	<0.0085		ug/L	
			Benzo(c)phenanthrene	2025/02/08	<0.050		ug/L	
			Benzo(a)pyrene	2025/02/08	<0.0075		ug/L	
			Benzo(e)pyrene	2025/02/08	<0.050		ug/L	
			Chrysene	2025/02/08	<0.0085		ug/L	
			Dibenz(a,h)anthracene	2025/02/08	<0.0075		ug/L	
			Fluoranthene	2025/02/08	<0.010		ug/L	
			Fluorene	2025/02/08	<0.050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/02/08	<0.0085		ug/L	
			1-Methylnaphthalene	2025/02/08	<0.10		ug/L	
			2-Methylnaphthalene	2025/02/08	<0.10		ug/L	
			Naphthalene	2025/02/08	<0.10		ug/L	
			Phenanthrene	2025/02/08	<0.050		ug/L	
			Perylene	2025/02/08	<0.050		ug/L	
			Pyrene	2025/02/08	<0.020		ug/L	
			Quinoline	2025/02/08	<0.20		ug/L	
B683128	CHA	Spiked Blank	O-TERPHENYL (sur.)	2025/02/07		106	%	60 - 140
			F2 (C10-C16 Hydrocarbons)	2025/02/07		92	%	60 - 140
			F3 (C16-C34 Hydrocarbons)	2025/02/07		99	%	60 - 140
			F4 (C34-C50 Hydrocarbons)	2025/02/07		91	%	60 - 140
B683128	CHA	Method Blank	O-TERPHENYL (sur.)	2025/02/07		104	%	60 - 140
			F2 (C10-C16 Hydrocarbons)	2025/02/07	<0.10		mg/L	
			F3 (C16-C34 Hydrocarbons)	2025/02/07	<0.10		mg/L	
			F4 (C34-C50 Hydrocarbons)	2025/02/07	<0.20		mg/L	
B683404	HE1	Matrix Spike	Total Dissolved Solids	2025/02/10		98	%	80 - 120
B683404	HE1	Spiked Blank	Total Dissolved Solids	2025/02/10		95	%	80 - 120
B683404	HE1	Method Blank	Total Dissolved Solids	2025/02/10	<10		mg/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B683404	HE1	RPD	Total Dissolved Solids	2025/02/10	1.4		%	20
B683412	JU2	Spiked Blank	2,4-Dichlorophenyl Acetic Acid	2025/02/07		85	%	50 - 140
			MCPA	2025/02/07		101	%	50 - 140
B683412	JU2	Method Blank	2,4-Dichlorophenyl Acetic Acid	2025/02/07		92	%	50 - 140
			MCPA	2025/02/07	<0.020		ug/L	
B683665	LYV	Matrix Spike [DEH594-12]	Total Sulphide	2025/02/08		88	%	80 - 120
B683665	LYV	Spiked Blank	Total Sulphide	2025/02/08		110	%	80 - 120
B683665	LYV	Method Blank	Total Sulphide	2025/02/08	<0.0018		mg/L	
B683665	LYV	RPD	Total Sulphide	2025/02/08	NC		%	20
B683677	KHU	Matrix Spike	Total Mercury (Hg)	2025/02/07		95	%	80 - 120
B683677	KHU	Spiked Blank	Total Mercury (Hg)	2025/02/07		97	%	80 - 120
B683677	KHU	Method Blank	Total Mercury (Hg)	2025/02/07	<0.0019		ug/L	
B683677	KHU	RPD [DEH594-07]	Total Mercury (Hg)	2025/02/07	NC		%	20
B683760	ISW	Matrix Spike	Total Ammonia (N)	2025/02/07		98	%	80 - 120
B683760	ISW	Spiked Blank	Total Ammonia (N)	2025/02/07		103	%	80 - 120
B683760	ISW	Method Blank	Total Ammonia (N)	2025/02/07	<0.015		mg/L	
B683760	ISW	RPD	Total Ammonia (N)	2025/02/07	0.26		%	20
B683767	TOR	Matrix Spike	Chloride (Cl)	2025/02/07		96	%	80 - 120
B683767	TOR	Spiked Blank	Chloride (Cl)	2025/02/07		99	%	80 - 120
B683767	TOR	Method Blank	Chloride (Cl)	2025/02/07	<1.0		mg/L	
B683767	TOR	RPD	Chloride (Cl)	2025/02/07	0.050		%	20
B683770	AFI	Matrix Spike	True Colour	2025/02/07		81	%	80 - 120
B683770	AFI	Spiked Blank	True Colour	2025/02/07		100	%	80 - 120
B683770	AFI	Method Blank	True Colour	2025/02/07	<2.0		PtCo units	
B683770	AFI	RPD	True Colour	2025/02/07	8.1		%	20
B683775	JVM	Spiked Blank	pH	2025/02/07		100	%	97 - 103
B683775	JVM	RPD	pH	2025/02/07	1.5		%	N/A
B683789	JVM	Matrix Spike	Dissolved Fluoride (F)	2025/02/07		96	%	80 - 120
B683789	JVM	Spiked Blank	Dissolved Fluoride (F)	2025/02/07		93	%	80 - 120
B683789	JVM	Method Blank	Dissolved Fluoride (F)	2025/02/07	<0.050		mg/L	
B683789	JVM	RPD	Dissolved Fluoride (F)	2025/02/07	0		%	20
B683847	ISW	Matrix Spike	Nitrite (N)	2025/02/08		98	%	80 - 120
			Nitrate plus Nitrite (N)	2025/02/08		NC	%	80 - 120
B683847	ISW	Spiked Blank	Nitrite (N)	2025/02/07		102	%	80 - 120
			Nitrate plus Nitrite (N)	2025/02/07		96	%	80 - 120
B683847	ISW	Method Blank	Nitrite (N)	2025/02/07	<0.010		mg/L	
			Nitrate plus Nitrite (N)	2025/02/07	<0.010		mg/L	
B683847	ISW	RPD	Nitrite (N)	2025/02/08	0.0065		%	20
			Nitrate plus Nitrite (N)	2025/02/08	1.0		%	20
B683878	MDO	Matrix Spike	Total Organic Carbon (C)	2025/02/07		104	%	75 - 125
B683878	MDO	Spiked Blank	Total Organic Carbon (C)	2025/02/07		102	%	80 - 120
B683878	MDO	Method Blank	Total Organic Carbon (C)	2025/02/07	<0.50		mg/L	
B683878	MDO	RPD	Total Organic Carbon (C)	2025/02/07	NC		%	20
B684117	HE1	Spiked Blank	Turbidity	2025/02/07		100	%	80 - 120
B684117	HE1	Method Blank	Turbidity	2025/02/07	<0.10		NTU	
B684117	HE1	RPD [DEH594-03]	Turbidity	2025/02/07	NC		%	20
B684458	J2B	Matrix Spike	Bromate	2025/02/11		88	%	80 - 120
B684458	J2B	Spiked Blank	Bromate	2025/02/11		105	%	80 - 120
B684458	J2B	Method Blank	Bromate	2025/02/11	<0.0095		mg/L	
B684458	J2B	RPD	Bromate	2025/02/11	NC		%	20
B684481	J2B	Matrix Spike	Chlorate (ClO3)	2025/02/08		103	%	80 - 120
			Chlorite (ClO2)	2025/02/08		96	%	80 - 120



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B684481	J2B	Spiked Blank	Chlorate (ClO ₃)	2025/02/08		100	%	80 - 120
			Chlorite (ClO ₂)	2025/02/08		93	%	80 - 120
B684481	J2B	Method Blank	Chlorate (ClO ₃)	2025/02/08	<0.10		mg/L	
			Chlorite (ClO ₂)	2025/02/08	<0.10		mg/L	
B684481	J2B	RPD	Chlorate (ClO ₃)	2025/02/08	3.3		%	20
			Chlorite (ClO ₂)	2025/02/08	NC		%	20
B684866	AP1	Matrix Spike	Free Chlorine	2025/02/10		90	%	80 - 120
B684866	AP1	Spiked Blank	Free Chlorine	2025/02/10		93	%	80 - 120
B684866	AP1	Method Blank	Free Chlorine	2025/02/10	<0.020		mg/L	
B684866	AP1	RPD	Free Chlorine	2025/02/10	5.3		%	20
B684867	AP1	Matrix Spike	Total Chlorine	2025/02/10		91	%	80 - 120
B684867	AP1	Spiked Blank	Total Chlorine	2025/02/10		99	%	80 - 120
B684867	AP1	Method Blank	Total Chlorine	2025/02/10	<0.020		mg/L	
B684867	AP1	RPD	Total Chlorine	2025/02/10	2.5		%	20
B684907	SJ1	Spiked Blank	2,4,6-TRIBROMOPHENOL (sur.)	2025/02/10		114	%	50 - 140
			2,4-DIBROMOPHENOL (sur.)	2025/02/10		107	%	50 - 140
			2,3,4,6-tetrachlorophenol	2025/02/10		124	%	50 - 140
			2,4,6-trichlorophenol	2025/02/10		112	%	50 - 140
			2,4-dichlorophenol	2025/02/10		110	%	50 - 140
B684907	SJ1	Method Blank	2,4,6-TRIBROMOPHENOL (sur.)	2025/02/10		100	%	50 - 140
			2,4-DIBROMOPHENOL (sur.)	2025/02/10		95	%	50 - 140
			2,3,4,6-tetrachlorophenol	2025/02/10	<0.00010		mg/L	
			2,4,6-trichlorophenol	2025/02/10	<0.00010		mg/L	
			2,4-dichlorophenol	2025/02/10	<0.00010		mg/L	
B685439	KH2	Matrix Spike	Total Aluminum (Al)	2025/02/11		105	%	80 - 120
			Total Antimony (Sb)	2025/02/11		99	%	80 - 120
			Total Arsenic (As)	2025/02/11		101	%	80 - 120
			Total Beryllium (Be)	2025/02/11		99	%	80 - 120
			Total Chromium (Cr)	2025/02/11		101	%	80 - 120
			Total Cobalt (Co)	2025/02/11		102	%	80 - 120
			Total Copper (Cu)	2025/02/11		97	%	80 - 120
			Total Lead (Pb)	2025/02/11		105	%	80 - 120
			Total Molybdenum (Mo)	2025/02/11		110	%	80 - 120
			Total Nickel (Ni)	2025/02/11		98	%	80 - 120
			Total Selenium (Se)	2025/02/11		97	%	80 - 120
			Total Silver (Ag)	2025/02/11		102	%	80 - 120
			Total Thallium (Tl)	2025/02/11		113	%	80 - 120
			Total Tin (Sn)	2025/02/11		105	%	80 - 120
			Total Titanium (Ti)	2025/02/11		105	%	80 - 120
			Total Uranium (U)	2025/02/11		109	%	80 - 120
			Total Vanadium (V)	2025/02/11		103	%	80 - 120
			Total Zinc (Zn)	2025/02/11		94	%	80 - 120
B685439	KH2	Spiked Blank	Total Aluminum (Al)	2025/02/11		108	%	80 - 120
			Total Antimony (Sb)	2025/02/11		98	%	80 - 120
			Total Arsenic (As)	2025/02/11		101	%	80 - 120
			Total Beryllium (Be)	2025/02/11		100	%	80 - 120
			Total Chromium (Cr)	2025/02/11		102	%	80 - 120
			Total Cobalt (Co)	2025/02/11		105	%	80 - 120
			Total Copper (Cu)	2025/02/11		101	%	80 - 120
			Total Lead (Pb)	2025/02/11		103	%	80 - 120
			Total Molybdenum (Mo)	2025/02/11		104	%	80 - 120
			Total Nickel (Ni)	2025/02/11		102	%	80 - 120



BUREAU
VERITAS

Bureau Veritas Job #: C512753
Report Date: 2025/02/24

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
B685439	KH2	Method Blank	Total Selenium (Se)	2025/02/11		99	%	80 - 120
			Total Silver (Ag)	2025/02/11		102	%	80 - 120
			Total Thallium (Tl)	2025/02/11		113	%	80 - 120
			Total Tin (Sn)	2025/02/11		102	%	80 - 120
			Total Titanium (Ti)	2025/02/11		103	%	80 - 120
			Total Uranium (U)	2025/02/11		105	%	80 - 120
			Total Vanadium (V)	2025/02/11		102	%	80 - 120
			Total Zinc (Zn)	2025/02/11		92	%	80 - 120
			Total Aluminum (Al)	2025/02/11	<0.0030		mg/L	
			Total Antimony (Sb)	2025/02/11	<0.00060		mg/L	
			Total Arsenic (As)	2025/02/11	<0.00020		mg/L	
			Total Beryllium (Be)	2025/02/11	<0.0010		mg/L	
			Total Chromium (Cr)	2025/02/11	<0.0010		mg/L	
			Total Cobalt (Co)	2025/02/11	<0.00030		mg/L	
			Total Copper (Cu)	2025/02/11	<0.0010		mg/L	
			Total Lead (Pb)	2025/02/11	<0.00020		mg/L	
			Total Molybdenum (Mo)	2025/02/11	<0.00020		mg/L	
			Total Nickel (Ni)	2025/02/11	<0.00050		mg/L	
			Total Selenium (Se)	2025/02/11	<0.00020		mg/L	
			Total Silver (Ag)	2025/02/11	<0.00010		mg/L	
			Total Thallium (Tl)	2025/02/11	<0.00020		mg/L	
			Total Tin (Sn)	2025/02/11	<0.0010		mg/L	
			Total Titanium (Ti)	2025/02/11	<0.0010		mg/L	
			Total Uranium (U)	2025/02/11	<0.00010		mg/L	
			Total Vanadium (V)	2025/02/11	<0.0010		mg/L	
			Total Zinc (Zn)	2025/02/11	<0.0030		mg/L	
B685439	KH2	RPD	Total Aluminum (Al)	2025/02/11	2.3		%	20
			Total Antimony (Sb)	2025/02/11	NC		%	20
			Total Arsenic (As)	2025/02/11	0.88		%	20
			Total Beryllium (Be)	2025/02/11	NC		%	20
			Total Chromium (Cr)	2025/02/11	NC		%	20
			Total Cobalt (Co)	2025/02/11	NC		%	20
			Total Copper (Cu)	2025/02/11	0.61		%	20
			Total Lead (Pb)	2025/02/11	NC		%	20
			Total Molybdenum (Mo)	2025/02/11	14		%	20
			Total Nickel (Ni)	2025/02/11	NC		%	20
			Total Selenium (Se)	2025/02/11	NC		%	20
			Total Silver (Ag)	2025/02/11	NC		%	20
			Total Thallium (Tl)	2025/02/11	NC		%	20
			Total Tin (Sn)	2025/02/11	NC		%	20
			Total Titanium (Ti)	2025/02/11	NC		%	20
			Total Uranium (U)	2025/02/11	NC		%	20
			Total Vanadium (V)	2025/02/11	NC		%	20
			Total Zinc (Zn)	2025/02/11	6.3		%	20
B685442	VSC	Matrix Spike	Total Barium (Ba)	2025/02/13		95	%	80 - 120
			Total Boron (B)	2025/02/13		96	%	80 - 120
			Total Calcium (Ca)	2025/02/13		94	%	80 - 120
			Total Iron (Fe)	2025/02/13		100	%	80 - 120
			Total Lithium (Li)	2025/02/13		95	%	80 - 120
			Total Magnesium (Mg)	2025/02/13		93	%	80 - 120
			Total Manganese (Mn)	2025/02/13		95	%	80 - 120
			Total Phosphorus (P)	2025/02/13		96	%	80 - 120



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B685442	VSC	Spiked Blank	Total Potassium (K)	2025/02/13		101	%	80 - 120
			Total Silicon (Si)	2025/02/13		91	%	80 - 120
			Total Sodium (Na)	2025/02/13		95	%	80 - 120
			Total Strontium (Sr)	2025/02/13		92	%	80 - 120
			Total Sulphur (S)	2025/02/13		93	%	80 - 120
			Total Barium (Ba)	2025/02/13		95	%	80 - 120
			Total Boron (B)	2025/02/13		96	%	80 - 120
			Total Calcium (Ca)	2025/02/13		96	%	80 - 120
			Total Iron (Fe)	2025/02/13		100	%	80 - 120
			Total Lithium (Li)	2025/02/13		95	%	80 - 120
			Total Magnesium (Mg)	2025/02/13		94	%	80 - 120
			Total Manganese (Mn)	2025/02/13		94	%	80 - 120
			Total Phosphorus (P)	2025/02/13		96	%	80 - 120
			Total Potassium (K)	2025/02/13		101	%	80 - 120
B685442	VSC	Method Blank	Total Silicon (Si)	2025/02/13		92	%	80 - 120
			Total Sodium (Na)	2025/02/13		95	%	80 - 120
			Total Strontium (Sr)	2025/02/13		92	%	80 - 120
			Total Sulphur (S)	2025/02/13		93	%	80 - 120
			Total Barium (Ba)	2025/02/13	<0.010		mg/L	
			Total Boron (B)	2025/02/13	<0.020		mg/L	
			Total Calcium (Ca)	2025/02/13	<0.30		mg/L	
			Total Iron (Fe)	2025/02/13	<0.060		mg/L	
			Total Lithium (Li)	2025/02/13	<0.020		mg/L	
			Total Magnesium (Mg)	2025/02/13	<0.20		mg/L	
			Total Manganese (Mn)	2025/02/13	<0.0040		mg/L	
			Total Phosphorus (P)	2025/02/13	<0.10		mg/L	
			Total Potassium (K)	2025/02/13	<0.30		mg/L	
			Total Silicon (Si)	2025/02/13	<0.50		mg/L	
B685442	VSC	RPD	Total Sodium (Na)	2025/02/13	<0.50		mg/L	
			Total Strontium (Sr)	2025/02/13	<0.020		mg/L	
			Total Sulphur (S)	2025/02/13	<0.20		mg/L	
			Total Barium (Ba)	2025/02/13	NC		%	20
			Total Boron (B)	2025/02/13	1.6		%	20
			Total Calcium (Ca)	2025/02/13	1.4		%	20
			Total Iron (Fe)	2025/02/13	NC		%	20
			Total Lithium (Li)	2025/02/13	NC		%	20
			Total Magnesium (Mg)	2025/02/13	0.62		%	20
			Total Manganese (Mn)	2025/02/13	NC		%	20
			Total Phosphorus (P)	2025/02/13	NC		%	20
			Total Potassium (K)	2025/02/13	NC		%	20
			Total Silicon (Si)	2025/02/13	NC		%	20
			Total Sodium (Na)	2025/02/13	1.3		%	20
			Total Strontium (Sr)	2025/02/13	0.94		%	20
B686037	JYU	Matrix Spike	Total Sulphur (S)	2025/02/13	0.47		%	20
			Strong Acid Dissoc. Cyanide (CN)	2025/02/11		107	%	80 - 120
B686037	JYU	Spiked Blank	Strong Acid Dissoc. Cyanide (CN)	2025/02/11		102	%	80 - 120
B686037	JYU	Method Blank	Strong Acid Dissoc. Cyanide (CN)	2025/02/11	<0.00050		mg/L	
B686037	JYU	RPD	Strong Acid Dissoc. Cyanide (CN)	2025/02/11	2.9		%	20
B690560	éEY	Matrix Spike [DEH594-01]	Nitritotriacetic acid	2025/02/10		90	%	80 - 120
B690560	éEY	Spiked Blank	Nitritotriacetic acid	2025/02/10		100	%	80 - 120
B690560	éEY	Method Blank	Nitritotriacetic acid	2025/02/10	<0.050		mg/L	
B690560	éEY	RPD [DEH594-01]	Nitritotriacetic acid	2025/02/10	NC		%	25



BUREAU
VERITAS

Bureau Veritas Job #: C512753

Report Date: 2025/02/24

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
B690561	KIH	Matrix Spike		Guthion (Azinphos-methyl)	2025/02/12		87	%	40 - 130
				Temephos	2025/02/12		71	%	40 - 130
				Diuron	2025/02/12		87	%	40 - 130
B690561	KIH	Spiked Blank		Guthion (Azinphos-methyl)	2025/02/12		85	%	40 - 130
				Temephos	2025/02/12		54	%	40 - 130
				Diuron	2025/02/12		82	%	40 - 130
B690561	KIH	Method Blank		Guthion (Azinphos-methyl)	2025/02/12	<2.0		ug/L	
				Temephos	2025/02/12	<10		ug/L	
				Diuron	2025/02/12	<10		ug/L	
B692955	SVS	Matrix Spike		2,3-Dibromopropionic Acid	2025/02/14		104	%	70 - 130
				2,3-Dibromopropionic Acid	2025/02/14		104	%	70 - 130
				Dalapon	2025/02/14		98	%	60 - 140
				Dalapon	2025/02/14		98	%	60 - 140
				Monochloroacetic Acid	2025/02/14		82	%	60 - 140
				Monochloroacetic Acid	2025/02/14		82	%	60 - 140
				Monobromoacetic Acid	2025/02/14		97	%	60 - 140
				Monobromoacetic Acid	2025/02/14		97	%	60 - 140
				Dichloroacetic Acid	2025/02/14		97	%	60 - 140
				Dichloroacetic Acid	2025/02/14		97	%	60 - 140
				Trichloroacetic Acid	2025/02/14		68	%	60 - 140
				Trichloroacetic Acid	2025/02/14		68	%	60 - 140
				Bromochloroacetic Acid	2025/02/14		101	%	60 - 140
				Bromochloroacetic Acid	2025/02/14		101	%	60 - 140
				Dibromoacetic Acid	2025/02/14		110	%	60 - 140
				Dibromoacetic Acid	2025/02/14		110	%	60 - 140
B692955	SVS	Spiked Blank		2,3-Dibromopropionic Acid	2025/02/14		77	%	70 - 130
				2,3-Dibromopropionic Acid	2025/02/14		77	%	70 - 130
				Dalapon	2025/02/14		81	%	70 - 130
				Dalapon	2025/02/14		81	%	70 - 130
				Monochloroacetic Acid	2025/02/14		86	%	70 - 130
				Monochloroacetic Acid	2025/02/14		86	%	70 - 130
				Monobromoacetic Acid	2025/02/14		88	%	70 - 130
				Monobromoacetic Acid	2025/02/14		88	%	70 - 130
				Dichloroacetic Acid	2025/02/14		88	%	70 - 130
				Dichloroacetic Acid	2025/02/14		88	%	70 - 130
				Trichloroacetic Acid	2025/02/14		85	%	70 - 130
				Trichloroacetic Acid	2025/02/14		85	%	70 - 130
				Bromochloroacetic Acid	2025/02/14		89	%	70 - 130
				Bromochloroacetic Acid	2025/02/14		89	%	70 - 130
				Dibromoacetic Acid	2025/02/14		90	%	70 - 130
				Dibromoacetic Acid	2025/02/14		90	%	70 - 130
B692955	SVS	Method Blank		2,3-Dibromopropionic Acid	2025/02/14		77	%	70 - 130
				2,3-Dibromopropionic Acid	2025/02/14		77	%	70 - 130
				Dalapon	2025/02/14	<5.0		ug/L	
				Dalapon	2025/02/14	<5.0		ug/L	
				Monochloroacetic Acid	2025/02/14	<5.0		ug/L	
				Monochloroacetic Acid	2025/02/14	<5.0		ug/L	
				Monobromoacetic Acid	2025/02/14	<5.0		ug/L	
				Monobromoacetic Acid	2025/02/14	<5.0		ug/L	
				Dichloroacetic Acid	2025/02/14	<5.0		ug/L	
				Dichloroacetic Acid	2025/02/14	<5.0		ug/L	
				Trichloroacetic Acid	2025/02/14	<5.0		ug/L	



**BUREAU
VERITAS**

Bureau Veritas Job #: C512753
Report Date: 2025/02/24

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
B692955	SVS	RPD	Trichloroacetic Acid	2025/02/14	<5.0		ug/L	
			Bromochloroacetic Acid	2025/02/14	<5.0		ug/L	
			Bromochloroacetic Acid	2025/02/14	<5.0		ug/L	
			Dibromoacetic Acid	2025/02/14	<5.0		ug/L	
			Dibromoacetic Acid	2025/02/14	<5.0		ug/L	
			Total Haloacetic Acids	2025/02/14	<5.0		ug/L	
			Total Haloacetic Acids	2025/02/14	<5.0		ug/L	
			Dalapon	2025/02/14	NC		%	40
			Monochloroacetic Acid	2025/02/14	NC		%	40
			Monobromoacetic Acid	2025/02/14	NC		%	40
			Dichloroacetic Acid	2025/02/14	0.93		%	40
			Trichloroacetic Acid	2025/02/14	2.6		%	40
			Bromochloroacetic Acid	2025/02/14	0.61		%	40
			Dibromoacetic Acid	2025/02/14	NC		%	40
B699321	CTC	Spiked Blank	Total Haloacetic Acids	2025/02/14	1.8		%	40
			D10-N-nitrosodiethylamine	2025/02/18		82	%	10 - 150
			D14-N-Nitrosodi-n-propylamine	2025/02/18		87	%	10 - 150
			D6-NDMA	2025/02/18		37	%	10 - 80
			D8-N-Nitrosomorpholine	2025/02/18		72	%	10 - 150
			N-Nitrosodimethylamine	2025/02/18		104	%	65 - 135
B699321	CTC	RPD	N-nitrosopiperidine	2025/02/18		106	%	50 - 150
			N-Nitrosodimethylamine	2025/02/18	1.6		%	25
B699321	CTC	Method Blank	N-nitrosopiperidine	2025/02/18	4.8		%	25
			D10-N-nitrosodiethylamine	2025/02/18		103	%	10 - 150
			D14-N-Nitrosodi-n-propylamine	2025/02/18		92	%	10 - 150
			D6-NDMA	2025/02/18		42	%	10 - 80
			D8-N-Nitrosomorpholine	2025/02/18		75	%	10 - 150
			N-Nitrosodimethylamine	2025/02/18	<2.0		ng/L	
B699323	LPG	Spiked Blank	N-nitrosopiperidine	2025/02/18	<2.0		ng/L	
			2,4,5,6-Tetrachloro-m-xylene	2025/02/14		90	%	50 - 130
			a-BHC	2025/02/14		109	%	30 - 130
			a-Chlordane	2025/02/14		118	%	50 - 130
			b-BHC	2025/02/14		89	%	30 - 130
			d-BHC	2025/02/14		105	%	30 - 130
			Decachlorobiphenyl	2025/02/14		127	%	50 - 130
			Endosulfan I	2025/02/14		128	%	50 - 130
			Endosulfan II	2025/02/14		117	%	50 - 130
			Endosulfan Sulfate	2025/02/14		117	%	30 - 130
			Endrin	2025/02/14		126	%	50 - 130
			Endrin Aldehyde	2025/02/14		80	%	30 - 130
			Endrin ketone	2025/02/14		121	%	30 - 130
			Hexachlorobenzene	2025/02/14		94	%	50 - 130
			Mirex	2025/02/14		106	%	30 - 130
			o,p'-DDT	2025/02/14		72	%	50 - 130
			Octachlorostyrene	2025/02/14		109	%	30 - 130
			Lindane	2025/02/14		125	%	50 - 130
			Heptachlor	2025/02/14		66	%	50 - 130
			Aldrin	2025/02/14		102	%	50 - 130
			Heptachlor Epoxide	2025/02/14		118	%	50 - 130
			Oxychlordane	2025/02/14		119	%	30 - 130
			g-Chlordane	2025/02/14		121	%	50 - 130
			Dieldrin	2025/02/14		129	%	50 - 130



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DIAMOND VALLEY, TOWN OF
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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
B699323	LPG	RPD	o,p'-DDE	2025/02/14		121	%	50 - 130
			p,p'-DDE	2025/02/14		116	%	50 - 130
			o,p'-DDD	2025/02/14		119	%	50 - 130
			p,p'-DDD	2025/02/14		128	%	50 - 130
			p,p'-DDT	2025/02/14		83	%	50 - 130
			Methoxychlor	2025/02/14		71	%	50 - 130
			a-BHC	2025/02/14	14		%	40
			a-Chlordane	2025/02/14	15		%	30
			b-BHC	2025/02/14	15		%	40
			d-BHC	2025/02/14	16		%	40
			Endosulfan I	2025/02/14	8.1		%	30
			Endosulfan II	2025/02/14	16		%	30
			Endosulfan Sulfate	2025/02/14	12		%	40
			Endrin	2025/02/14	28		%	30
			Endrin Aldehyde	2025/02/14	16		%	40
			Endrin ketone	2025/02/14	10		%	40
			Hexachlorobenzene	2025/02/14	13		%	30
			Mirex	2025/02/14	7.1		%	40
			o,p'-DDT	2025/02/14	21		%	30
			Octachlorostyrene	2025/02/14	4.1		%	40
			Lindane	2025/02/14	14		%	30
			Heptachlor	2025/02/14	11		%	30
			Aldrin	2025/02/14	15		%	30
			Heptachlor Epoxide	2025/02/14	15		%	30
			Oxychlordane	2025/02/14	15		%	30
			g-Chlordane	2025/02/14	15		%	30
			Dieldrin	2025/02/14	15		%	30
			o,p'-DDE	2025/02/14	14		%	30
			p,p'-DDE	2025/02/14	8.4		%	30
			o,p'-DDD	2025/02/14	15		%	30
			p,p'-DDD	2025/02/14	16		%	30
			p,p'-DDT	2025/02/14	13		%	30
			Methoxychlor	2025/02/14	19		%	30
B699323	LPG	Method Blank	2,4,5,6-Tetrachloro-m-xylene	2025/02/14		81	%	50 - 130
			a-BHC	2025/02/14	<0.005		ug/L	
			a-Chlordane	2025/02/14	<0.005		ug/L	
			b-BHC	2025/02/14	<0.005		ug/L	
			d-BHC	2025/02/14	<0.005		ug/L	
			Decachlorobiphenyl	2025/02/14		129	%	50 - 130
			Endosulfan I	2025/02/14	<0.005		ug/L	
			Endosulfan II	2025/02/14	<0.005		ug/L	
			Endosulfan Sulfate	2025/02/14	<0.005		ug/L	
			Endrin	2025/02/14	<0.005		ug/L	
			Endrin Aldehyde	2025/02/14	<0.005		ug/L	
			Endrin ketone	2025/02/14	<0.005		ug/L	
			Hexachlorobenzene	2025/02/14	<0.005		ug/L	
			Mirex	2025/02/14	<0.005		ug/L	
			o,p'-DDT	2025/02/14	<0.005		ug/L	
			Octachlorostyrene	2025/02/14	<0.005		ug/L	
			Toxaphene	2025/02/14	<0.2		ug/L	
			Lindane	2025/02/14	<0.003		ug/L	
			Heptachlor	2025/02/14	<0.005		ug/L	



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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
			Aldrin	2025/02/14	<0.005		ug/L	
			Heptachlor Epoxide	2025/02/14	<0.005		ug/L	
			Oxychlordane	2025/02/14	<0.005		ug/L	
			g-Chlordane	2025/02/14	<0.005		ug/L	
			Dieldrin	2025/02/14	<0.005		ug/L	
			o,p'-DDE	2025/02/14	<0.005		ug/L	
			p,p'-DDE	2025/02/14	<0.005		ug/L	
			o,p'-DDD	2025/02/14	<0.005		ug/L	
			p,p'-DDD	2025/02/14	<0.005		ug/L	
			p,p'-DDT	2025/02/14	<0.005		ug/L	
			Methoxychlor	2025/02/14	<0.01		ug/L	
			Aroclor 1016	2025/02/14	<0.05		ug/L	
			Aroclor 1221	2025/02/14	<0.05		ug/L	
			Aroclor 1232	2025/02/14	<0.05		ug/L	
			Aroclor 1242	2025/02/14	<0.05		ug/L	
			Aroclor 1248	2025/02/14	<0.05		ug/L	
			Aroclor 1254	2025/02/14	<0.05		ug/L	
			Aroclor 1260	2025/02/14	<0.05		ug/L	
B699325	éRT	Matrix Spike	Glyphosate	2025/02/14		98	%	50 - 130
B699325	éRT	Spiked Blank	Glyphosate	2025/02/14		97	%	50 - 130
B699325	éRT	Method Blank	Glyphosate	2025/02/14	<10		ug/L	
B699326	éRT	Matrix Spike	Paraquat	2025/02/15		88	%	50 - 130
			Diquat	2025/02/15		102	%	50 - 130
B699326	éRT	Spiked Blank	Paraquat	2025/02/15		54	%	50 - 130
			Diquat	2025/02/15		68	%	50 - 130
B699326	éRT	Method Blank	Paraquat	2025/02/15	<1.0		ug/L	
			Diquat	2025/02/15	<7.0		ug/L	
B699327	éC2	Matrix Spike	2,4,6-TRIBROMOPHENOL (sur.)	2025/02/15		88	%	30 - 130
			2,4-Dichlorophenyl Acetic Acid	2025/02/15		94	%	30 - 130
			2-Fluorobiphenyl	2025/02/15		73	%	30 - 130
			D14-Terphenyl (FS)	2025/02/15		96	%	30 - 130
			D5-NITROBENZENE (sur.)	2025/02/15		85	%	30 - 130
			2,3,4,6-tetrachlorophenol	2025/02/15		109	%	30 - 130
			2,4,5-T	2025/02/15		109	%	30 - 130
			2,4,6-trichlorophenol	2025/02/15		93	%	30 - 130
			2,4-D	2025/02/15		102	%	30 - 130
			2,4-dichlorophenol	2025/02/15		87	%	30 - 130
			Alachlor	2025/02/15		98	%	40 - 130
			Aldicarb	2025/02/15		92	%	70 - 130
			Atrazine	2025/02/15		98	%	30 - 130
			Desethyl-atrazine	2025/02/15		59	%	30 - 130
			Atrazine + Desethyl-atrazine	2025/02/15		78	%	30 - 130
			Bendiocarb	2025/02/15		96	%	40 - 130
			Bromoxynil	2025/02/15		103	%	40 - 130
			Carbaryl	2025/02/15		101	%	40 - 130
			Carbofuran	2025/02/15		97	%	40 - 130
			Chlorpyrifos (Dursban)	2025/02/15		99	%	40 - 130
			Cyanazine (Bladex)	2025/02/15		78	%	40 - 130
			Diazinon	2025/02/15		99	%	40 - 130
			Dicamba	2025/02/15		98	%	30 - 130
			Diclofop-methyl	2025/02/15		104	%	40 - 130
			Dimethoate	2025/02/15		85	%	40 - 130



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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B699327	éC2	Spiked Blank	Dinoseb (DNBP)	2025/02/15		91	%	40 - 130
			Malathion	2025/02/15		110	%	40 - 130
			Metolachlor	2025/02/15		99	%	40 - 130
			Metribuzin (Sencor)	2025/02/15		96	%	40 - 130
			Parathion	2025/02/15		92	%	40 - 130
			Pentachlorophenol	2025/02/15		103	%	25 - 130
			Phorate (Thimet)	2025/02/15		92	%	40 - 130
			Picloram	2025/02/15		46	%	10 - 130
			Prometryn	2025/02/15		86	%	30 - 130
			Simazine	2025/02/15		70	%	40 - 130
			Terbufos	2025/02/15		97	%	40 - 130
			Triallate	2025/02/15		97	%	40 - 130
			Trifluralin	2025/02/15		92	%	40 - 130
			Benzo(a)pyrene	2025/02/15		101	%	30 - 130
			Methyl parathion	2025/02/15		89	%	30 - 130
			2,4,6-TRIBROMOPHENOL (sur.)	2025/02/15		88	%	30 - 130
			2,4-Dichlorophenyl Acetic Acid	2025/02/15		97	%	30 - 130
			2-Fluorobiphenyl	2025/02/15		76	%	30 - 130
			D14-Terphenyl (FS)	2025/02/15		98	%	30 - 130
			D5-NITROBENZENE (sur.)	2025/02/15		88	%	30 - 130
			2,3,4,6-tetrachlorophenol	2025/02/15		112	%	30 - 130
			2,4,5-T	2025/02/15		109	%	30 - 130
			2,4,6-trichlorophenol	2025/02/15		94	%	30 - 130
			2,4-D	2025/02/15		102	%	30 - 130
			2,4-dichlorophenol	2025/02/15		89	%	30 - 130
			Alachlor	2025/02/15		100	%	40 - 130
			Aldicarb	2025/02/15		88	%	70 - 130
			Atrazine	2025/02/15		101	%	30 - 130
			Desethyl-atrazine	2025/02/15		60	%	30 - 130
			Atrazine + Desethyl-atrazine	2025/02/15		80	%	30 - 130
			Bendiocarb	2025/02/15		98	%	40 - 130
			Bromoxynil	2025/02/15		103	%	40 - 130
			Carbaryl	2025/02/15		104	%	40 - 130
			Carbofuran	2025/02/15		99	%	40 - 130
			Chlorpyrifos (Dursban)	2025/02/15		100	%	40 - 130
			Cyanazine (Bladex)	2025/02/15		78	%	40 - 130
			Diazinon	2025/02/15		101	%	40 - 130
			Dicamba	2025/02/15		98	%	30 - 130
			Diclofop-methyl	2025/02/15		107	%	40 - 130
			Dimethoate	2025/02/15		87	%	40 - 130
			Dinoseb (DNBP)	2025/02/15		93	%	40 - 130
			Malathion	2025/02/15		112	%	40 - 130
			Metolachlor	2025/02/15		98	%	40 - 130
			Metribuzin (Sencor)	2025/02/15		98	%	40 - 130
			Parathion	2025/02/15		94	%	40 - 130
			Pentachlorophenol	2025/02/15		106	%	25 - 130
			Phorate (Thimet)	2025/02/15		92	%	40 - 130
			Picloram	2025/02/15		47	%	10 - 130
			Prometryn	2025/02/15		85	%	30 - 130
			Simazine	2025/02/15		71	%	40 - 130
			Terbufos	2025/02/15		96	%	40 - 130
			Triallate	2025/02/15		97	%	40 - 130



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B699327	éC2	RPD	Trifluralin	2025/02/15		89	%	40 - 130
			Benzo(a)pyrene	2025/02/15		98	%	30 - 130
			Methyl parathion	2025/02/15		92	%	30 - 130
			2,3,4,6-tetrachlorophenol	2025/02/15	0.80		%	40
			2,4,5-T	2025/02/15	3.3		%	40
			2,4,6-trichlorophenol	2025/02/15	0.87		%	40
			2,4-D	2025/02/15	4.6		%	40
			2,4-dichlorophenol	2025/02/15	0.61		%	40
			Alachlor	2025/02/15	2.6		%	40
			Aldicarb	2025/02/15	8.6		%	40
			Atrazine	2025/02/15	1.4		%	40
			Desethyl-atrazine	2025/02/15	6.3		%	40
			Atrazine + Desethyl-atrazine	2025/02/15	3.2		%	40
			Bendiocarb	2025/02/15	2.7		%	40
			Bromoxynil	2025/02/15	3.4		%	40
			Carbaryl	2025/02/15	2.3		%	40
			Carbofuran	2025/02/15	3.2		%	40
			Chlorpyrifos (Dursban)	2025/02/15	5.1		%	40
			Cyanazine (Bladex)	2025/02/15	4.7		%	40
			Diazinon	2025/02/15	3.7		%	40
			Dicamba	2025/02/15	5.0		%	40
			Diclofop-methyl	2025/02/15	1.8		%	40
			Dimethoate	2025/02/15	1.9		%	40
			Dinoseb (DNBP)	2025/02/15	3.4		%	40
			Malathion	2025/02/15	5.2		%	40
			Metolachlor	2025/02/15	5.2		%	40
			Metribuzin (Sencor)	2025/02/15	5.3		%	40
			Parathion	2025/02/15	3.4		%	40
			Pentachlorophenol	2025/02/15	1.5		%	40
			Phorate (Thimet)	2025/02/15	3.7		%	40
			Picloram	2025/02/15	4.8		%	40
			Prometryn	2025/02/15	3.2		%	40
			Simazine	2025/02/15	3.4		%	40
			Terbufos	2025/02/15	5.6		%	40
			Triallate	2025/02/15	4.5		%	40
			Trifluralin	2025/02/15	0.94		%	40
			Benzo(a)pyrene	2025/02/15	0.70		%	40
			Methyl parathion	2025/02/15	3.3		%	40
B699327	éC2	Method Blank	2,4,6-TRIBROMOPHENOL (sur.)	2025/02/14		84	%	30 - 130
			2,4-Dichlorophenyl Acetic Acid	2025/02/14		93	%	30 - 130
			2-Fluorobiphenyl	2025/02/14		78	%	30 - 130
			D14-Terphenyl (FS)	2025/02/14		95	%	30 - 130
			D5-NITROBENZENE (sur.)	2025/02/14		85	%	30 - 130
			2,3,4,6-tetrachlorophenol	2025/02/14	<0.50		ug/L	
			2,4,5-T	2025/02/14	<1.0		ug/L	
			2,4,6-trichlorophenol	2025/02/14	<0.50		ug/L	
			2,4-D	2025/02/14	<1.0		ug/L	
			2,4-dichlorophenol	2025/02/14	<0.25		ug/L	
			Alachlor	2025/02/14	<0.50		ug/L	
			Aldicarb	2025/02/14	<5.0		ug/L	
			Atrazine	2025/02/14	<0.50		ug/L	
			Desethyl-atrazine	2025/02/14	<0.50		ug/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Atrazine + Desethyl-atrazine	2025/02/14	<1.0		ug/L	
			Bendiocarb	2025/02/14	<2.0		ug/L	
			Bromoxynil	2025/02/14	<0.50		ug/L	
			Carbaryl	2025/02/14	<5.0		ug/L	
			Carbofuran	2025/02/14	<5.0		ug/L	
			Chlorpyrifos (Dursban)	2025/02/14	<1.0		ug/L	
			Cyanazine (Bladex)	2025/02/14	<1.0		ug/L	
			Diazinon	2025/02/14	<1.0		ug/L	
			Dicamba	2025/02/14	<1.0		ug/L	
			Diclofop-methyl	2025/02/14	<0.90		ug/L	
			Dimethoate	2025/02/14	<2.5		ug/L	
			Dinoseb (DNBP)	2025/02/14	<1.0		ug/L	
			Malathion	2025/02/14	<5.0		ug/L	
			Metolachlor	2025/02/14	<0.50		ug/L	
			Metribuzin (Sencor)	2025/02/14	<5.0		ug/L	
			Parathion	2025/02/14	<1.0		ug/L	
			Pentachlorophenol	2025/02/14	<0.50		ug/L	
			Phorate (Thimet)	2025/02/14	<0.50		ug/L	
			Picloram	2025/02/14	<5.0		ug/L	
			Prometryn	2025/02/14	<0.25		ug/L	
			Simazine	2025/02/14	<1.0		ug/L	
			Terbufos	2025/02/14	<0.50		ug/L	
			Triallate	2025/02/14	<1.0		ug/L	
			Trifluralin	2025/02/14	<1.0		ug/L	
			Benzo(a)pyrene	2025/02/14	<0.0050		ug/L	
			Methyl parathion	2025/02/14	<1.0		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).



BUREAU
VERITAS

Bureau Veritas Job #: C512753
Report Date: 2025/02/24

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

Jared Wiseman, B.Sc., P.Chem., QP, Senior Analyst, Organics

Louise Harding, Scientific Specialist

Rahul Suryawanshi, Senior Analyst

Sandy Yuan, M.Sc., QP, Scientific Specialist

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

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



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VALIDATION SIGNATURE PAGE(CONT'D)

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

Bureau Veritas Certified by Ghayasuddin Khan, M.Sc., P.Chem., QP, Scientific Specialist, Inorganics

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.

Maxxam Analytics Inc.				Maxxam Analytics International Corporation of Maxxam Analytics 4000 19th Street NE, Calgary, Alberta Canada T2E 6P8 Tel: (403) 291-3077, Fax: (403) 735-2240, Toll free: (800) 366-7247				CHAIN OF CUSTODY RECORD				Page 1 of 1	
INVOICE INFORMATION:				REPORT INFORMATION (if differs from invoice):				PROJECT INFORMATION:				Laboratory Use Only	
Company Name: Town Of Diamond Valley (Account No. 91)				Company Name: Town Of Diamond Valley (Account No. 91)				Quotation #:				MAXXAM JOB #:	
Contact Name: Adam Davey				Contact Name: Terry Oram				P.O. #:				BOTTLE ORDER #:	
Address: 301 Center Ave West				Address: 301 Center Ave West				Project #:				CHAIN OF CUSTODY #:	
Diamond Valley, AB T0L 0H0				Diamond Valley T0L 0H0				Project Name: Diamond Valley Distribution System				PROJECT MANAGER:	
Phone: (403) 933-4348 Fax:				Phone: (403) 369-0252 Fax:				Site Location: Town of Diamond Valley				TV18080802	
Email:				Email: terryo@diamondvalley.town				Sampled By: Kelly Frey				Geraldyn Gouthro	
REGULATORY CRITERIA: CDWQG (Revised Feb 2017)				SPECIAL INSTRUCTIONS: Report Distribution dennisl@diamondvalley.town terryo@diamondvalley.town kellyl@diamondvalley.town cao@diamondvalley.town				ANALYSIS REQUESTED				TURNAROUND TIME (TAT) REQUIRED:	
SAMPLES MUST BE KEPT COOL (< 10 °C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM				Matrix				DVTTO				PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Sample Barcode Label				Sample (Location) Identification				Date Sampled & Time Sampled				# of Bottles	
1 N/A				DV Treated Distro				02/06/2025 @ 9:00Hrs				26	
2 N/A				Location: 226 1st Street, SE									
3 N/A				(DV East)									
4 N/A													
5 N/A													
6 N/A													
7 N/A													
8 N/A													
9 N/A													
10 N/A													
RELINQUISHED BY: (Signature/Print)				Date: (YY/MM/DD)				Time:				Laboratory Use Only	
Kelly Frey				2025/02/06				9:10AM				# of Jars Used & not submitted	
RECEIVED BY: (Signature/Print)				Date: (YY/MM/DD)				Time:				Temperature (°C) on Receipt	
S. A. DRAVER				2025/02/06				10:30				13/3	
* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD, AN INCOMPLETE CHAIN OF CUSTODY MAY RESULTS IN ANALYTICAL TAT DELAYS				Condition of Sample on Receipt				Custody Seal Intact on Cooler?				White: Maxxam Yellow: Client	
** ALL SAMPLES ARE HELD FOR 60 DAYS AFTER SAMPLE RECEIPT, FOR SPECIAL REQUEST PLEASE CONTACT YOUR PROJECT MANAGER				☐ OK ☐ SIF ☐ Yes ☐ No				2/24				801-11 10-1	