

TABLE C-1. Summary of Shallow Groundwater Data Excluded During Data Processing
Nevada Environmental Response Trust Site
Henderson, Nevada

Sample Location	Sample ID	Sample Type	Screen Top Depth (ft bgs)	Screen Bottom Depth (ft bgs)	Chemical	Result	Unit	Detection Flag	Qualifier	Reason for Exclusion
PC-54	PC-54-20190509	N	9.5	34.5	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-54	PC-54-20200508	N	9.5	34.5	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-55	PC-55-20180509	N	15.3	55.3	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-55	PC-55-20190510	N	15.3	55.3	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-55	PC-55-20200506	N	15.3	55.3	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-64	PC-64-20170508	N	4	19	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-64	PC-64-20180511	N	4	19	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-64	PC-64-20180511-FD8	FD	4	19	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-64	PC-64-20190510	N	4	19	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-64	PC-64-20200507	N	4	19	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-64	PC-64-20200507-FD9	FD	4	19	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-65	PC-65-20170508	N	4.1	18.7	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-65	PC-65-20180511	N	4.1	18.7	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-65	PC-65-20190510	N	4.1	18.7	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-65	PC-65-20200507	N	4.1	18.7	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-66	PC-66-20170505	N	6.9	26.9	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-66	PC-66-20180511	N	6.9	26.9	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-66	PC-66-20190509	N	6.9	26.9	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-66	PC-66-20200507	N	6.9	26.9	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-67	PC-67-20170508	N	11	35.6	1,2,3-Trichloropropane	4.0	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-67	PC-67-20180511	N	11	35.6	1,2,3-Trichloropropane	4.0	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-67	PC-67-20190510	N	11	35.6	1,2,3-Trichloropropane	4.0	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-67	PC-67-20200507	N	11	35.6	1,2,3-Trichloropropane	4.0	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-71	PC-71-20170508	N	13.4	28.4	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-71	PC-71-20170824	N	13.4	28.4	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-71	PC-71-20171027	N	13.4	28.4	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-71	PC-71-20180511	N	13.4	28.4	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-71	PC-71-20190507	N	13.4	28.4	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-71	PC-71-20190507-FD5	FD	13.4	28.4	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-71	PC-71-20200508	N	13.4	28.4	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-72	PC-72-20170508	N	15	35	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-72	PC-72-20170824	N	15	35	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-72	PC-72-20170824-FD	FD	15	35	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-72	PC-72-20171026_A	N	15	35	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-72	PC-72-20171026_A-FD	FD	15	35	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-72	PC-72-20180511	N	15	35	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-72	PC-72-20190508	N	15	35	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.
PC-72	PC-72-20200508	N	15	35	1,2,3-Trichloropropane	0.40	µg/L	N	U	Analyzed by both EPA Method 8260 and 8260B SIM. The data from EPA Method 8260 was excluded.

Notes:

bgs = below ground surface
 ft = feet
 µg/L = microgram per liter
 EPA = Environmental Protection Agency
 FD = field duplicate
 UJ = The nondetected analyte was qualified as estimated at the sample quantitation limit. The reported sample quantitation limit is approximate and may be inaccurate or imprecise.

N = normal (sample type)
 N = not detected (detection Flag)
 SIM = Selective ion monitoring
 U = not detected
 Y = detected (detection flag)

TABLE C-2. Summary of Rejected Shallow Groundwater Data
Nevada Environmental Response Trust Site
Henderson, Nevada

2017 Annual Remedial Performance Groundwater Monitoring DVSR, February 2018

Sample ID	Method	Analyte	Result	Unit	Validation Qualifier	Reason Code
PC-130-20170505	SW-8260	Styrene	< 0.25	µg/L	R	m

2020 Annual Remedial Performance Groundwater Monitoring DVSR, January 2021

Sample ID	Method	Analyte	Result	Unit	Validation Qualifier	Reason Code
PC-64-20200507-FD9	SW-8260	Styrene	< 0.25	µg/L	R	m
PC-130-20200507	SW-8260	Styrene	< 0.25	µg/L	R	m

Notes:

µg/L = microgram per liter

DVSR = data validation summary report

FD = field duplicate

m = qualified due to matrix spike recoveries

R = rejected value

**TABLE C-3. Summary of Qualified Shallow Groundwater Field Duplicates
Nevada Environmental Response Trust Site
Henderson, Nevada**

2016 Semi-Annual Remedial Performance Groundwater Monitoring DVSR, August 2017

Sample ID	Analyte	Result	Unit	RPD or Difference	Limit	Practical Quantitation Limit	Final Qualifier
PC-153-20160912	1,3-Dichlorobenzene	0.79	µg/L	0.71	≤0.50	0.50	J
PC-153-20160912-FD	1,3-Dichlorobenzene	1.5	µg/L	0.71	≤0.50	0.50	J

2020 Annual Remedial Performance Groundwater Monitoring DVSR, January 2021

Sample ID ^[1]	Analyte	Result	Unit	RPD or Difference	Limit	Practical Quantitation Limit	Final Qualifier
PC-64-20200507	Tetrachloroethene	1.4	µg/L	0.70	≤0.50	0.50	J
PC-64-20200507-FD9	Tetrachloroethene	2.1	µg/L	0.70	≤0.50	0.50	J

Notes:

µg/L = microgram per liter

DVSR = data validation summary report

FD = field duplicate

J = estimated value

RPD = relative percent difference

[1] The primary and field duplicate results of tetrachloroethene in PC-28-20200507 and PC-28-20200507-FD5 (0.97 and 0.55 µg/L) were also qualified due to RPD criterion exceedance in the DVSR. However, since both of the primary and field duplicate results are less than five times the practical quantitation limit (0.50 µg/L), the PQL criterion instead of the RPD criterion should be applied. The difference between the primary and field duplicate result (0.42 µg/L) is less than the practical quantitation limit, so these samples should not be qualified and are not included in this table.

**TABLE C-4. Summary of J Qualified Shallow Groundwater Data
Nevada Environmental Response Trust Site
Henderson, Nevada**

Analyte	Maximum Concentration of Qualified Data	Qualifier	Maximum Detected Concentration in Groundwater BHRA Data Set	RBTC	Unit
Benzene	0.28	J	34	1,510,000,000	µg/L
Bromodichloromethane	1.5	J	2.0	13	µg/L
Bromoform	0.93	J	7.7	2,300	µg/L
tert-Butylbenzene	0.34	J	0.34	16,100	µg/L
Carbon tetrachloride	4.5	J	13	6.1	µg/L
Chlorobenzene	0.54	J	54	5,070	µg/L
Chloroform	53	J-	1000	8.6	µg/L
Dibromochloromethane	0.35	J	1.3	N/A	µg/L
1,2-Dichlorobenzene	0.49	J	16	43,700	µg/L
1,3-Dichlorobenzene	1.5	J	3.0	22,700	µg/L
1,4-Dichlorobenzene	0.44	J	23	43	µg/L
1,1-Dichloroethane	0.48	J	3.9	75	µg/L
1,2-Dichloroethane	0.46	J	0.53	21	µg/L
1,1-Dichloroethene	0.66	J	2.7	1,810	µg/L
1,4-Dioxane	1.9	J	23	9,680	µg/L
Hexachlorobutadiene	0.38	J	0.38	11	µg/L
Methylene Chloride	11	J	25	17,000	µg/L
Tetrachloroethene	3.6	J	68	266	µg/L
Toluene	0.44	J	1.4	219,000	µg/L
1,2,3-Trichlorobenzene	0.97	J	3.1	1,030	µg/L
1,2,4-Trichlorobenzene	0.95	J	14	836	µg/L
Trichloroethene	0.76	J	2.7	21	µg/L
1,2,3-Trichloropropane	0.013	J-	0.50	281	µg/L

Notes:

µg/L = microgram per liter

BHRA = Baseline Health Risk Assessment

J = estimated value

J- = estimated value, biased low

N/A = not available

RBTC = risk-based target concentration