Escapees Co-op of Nevada, Inc.
5150 S. Oakridge Avenue Unit #2
Pahrump, Nevada 89048
(775) 727-7221 **(Office)** | (775) 727-3966 **(Fax)**
spairadice@gmail.com

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2025 JUN -2 PM 1:02
STATE ENGINEERS OFFICE

May 29, 2025

Nevada Division of Water Resources
901 S. Stewart Street, Suite #2002
Carson City, NV 89701

RE: WATER CONSERVATION PLAN

To Whom It May Concern:

Attached is our updated Water Conservation Plan along with additional documentation which covers the rate analysis completed by Broadbent Associates.

If you have any questions, please reach out to our office at your earliest convenience. Thank you.

Regards,

Nicole Clark

Nicole Clark
Office Manager

Escapees Co-Op of Nevada

Water Conservation Plan July 31, 2025

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Prepared by: Joann Kavanagh
Member of the Board of Directors
5150 Oakridge Ave
Pahrump, NV 89048
(775) 727-7221

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Nevada enacted a law requiring adoption of conservation plans by water suppliers. Minimum standards for plumbing fixtures were adopted in 1991 (Assembly Bill 359) by Nevada and in 1992 minimum flow standards for plumbing fixtures were adopted by the federal government (National Energy and Policy Conservation Act).

Conservation is an essential part of ensuring adequate water supply as it is no longer feasible to develop new sources. It has proven to be a cost-effective way to reduce

demands and/or to extend a given water supply. It can easily be pursued by all water users regardless of the water system type. Key to evaluating the program's effectiveness is the water use measurement (through meters and other measurement devices). Various conservation measures can be put into place and the achievement of the goals set with these measures is vital to combating the expected increase in water usage.

Statutory Requirements

This water conservation plan was prepared for the Escapees Co-Op of Nevada in accordance with Nevada Revised Statute (NRS) 540. As outlined in NRS 540.141, the provisions of this plan must include:

A. Public Education

B. Conservation Measures

C. Water Management

D. Contingency Plan

E. Schedule

F. Evaluation Measurements

G. Conservation Estimates

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In addition to the provisions of the water conservation plan, listed above, NRS 540.141 also requires rate analysis to be performed and included with submittal.

This plan is being submitted to the Nevada Department of Conservation and Natural Resources (DCNR), Division Of water Resources (DWR) for Review and approval prior to its adoption by the Escapees Co-Op of Nevada, as required by NRS 540.131.

This plan is available for inspection during normal business hours at the Escapee Co-Op of Nevada's business office. 5150 S Oakridge, Unit #2, Pahrump, NV.

This Plan will conform to all public notice requirements as found in NRS 540.

This is the original Water Conservation Plan for the Escapees Co-Op of Nevada.

In accordance with NRS 540.131, this plan will be reviewed from time-to-time to reflect changes and must be updated every five (5) years to comply with NRS 540.131 and NRS 540.141. The next up date of this plan is to be on, or before, July 31, 2030.

System Description

The Escapees Co-Op of Nevada is a privately-owned community water system and has a current water operating permit, NV0002552. Water is provided to users of a membership-only RV Park (182 pull-thru spaces and a clubhouse) on approximately 30 acres of flat land. The spaces are not individually metered for water usage. The Escapees Co-Op of Nevada is located at 5150 S. Oakridge, Pahrump, NV, which is located in Nye County. The Escapees Co-Op of Nevada is not a water company, in the business of selling water to customers, and as such does not have any water customers.

The estimated population provided water service in 2019 was 237 individuals. The Escapees Co- Op of Nevada estimates that its member base will not increase on a yearly basis through 2035 as the RV Park has been built out. The State of Nevada, through its State Water Plan, estimates the population growth for Nye County through 2030 to be 2.74% annually.

The water supply is from groundwater that is not under the direct influence of surface water (e.g. protected wells) and no surface water or groundwater under the influence of surface water sources. The water supply is which is located within the Pahrump Valley Basin (#162) of the Central Region Hydrographic Region (#10). There are a total of two (2) wells supplying the system and a total of one (1) hydro-pneumatic pressure tank (2000 gallons). Each of the wells is identified in the table below (Table 1)

Table 1-Source of Supply

Well NO.	Depth (feet).	Production (gpm)
1	168	30
3	400	40

The Escapees Co-Op of Nevada has been granted water rights in the total amount of 25.86 AF (8.42 MG) per year. Applications #53785 and #53939 have been certified and #74092 has been permitted. The combined duty under all applications shall not exceed 25.86 AF (8.42MG) per year. The current water rights are listed below (Table 2).

Table 2- Water Rights

Permit No. (Certificate No).	Well No	Rate Of Diversion	Annual Use
53785 (16109)	1	0.239 cfs	13.14 AF (4.282 MG)
53939 (16110)	1	0.239 cfs	12.69 AF (4.135 MG)
74092	3	0.007 cfs	2.00 AF (0.65 MG)

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Water is pumped from the wells and is injected with chlorine prior to going on the storage tank. Water is then distributed to the members through 2-inch mainlines.

The Escapee Co-op of Nevada requires, at a minimum, a Grade 1 Water Operator. Water operator service are currently contracted out to Mr. Thomas Vehe (Broad Bent Associates Inc.) who possesses a Grade 3 Distribution Water Operator license.

The water operator is required to perform monthly and yearly monitoring and testing of water quality. The Escapees Co-Op of Nevada does not have any outstanding water quality issues.

The last sanitary survey performed by the Nevada Department of Environmental Protection (NDEP) was completed on August 6, 2008 and shows no deficiencies with the system.

The Escapees Co-Op of Nevada is a self-supplied water system and does not currently meter individual spaces for water use. Only members of the Escapees RV Club (non-profit Organization) are allowed to utilize the Escapees Co-Op of Nevada and are allowed to rent spaces at the RV Park, if available (Escapees Co-Op of Nevada members put their lots into a rental pool while they travel). Operating expenses of the Escapees Co-Op of Nevada are shared equally upon all its members in the form of an annual maintenance fee. Because there are no water customers, a tiered rate usage fee is not applicable.

Wastewater collected from the service area is handled on-site by community septic tanks.

Member maintenance fees are reviewed annually and adjusted accordingly. The current fees are $350/quarter or $1400/year. The last adjustment for the fees was on January 1, 2024

Plan Provisions

In accordance with NRS 540.131, this plan will be reviewed from time to time to reflect changes and must be updated every five (5) years to comply with NRS 540.131 and NRS 540 141. The next update of this plan is to be on, or before, July 31, 2025.

The Escapees Co-Op of Nevada will appoint a staff member, if economically feasible, to oversee the conservation efforts and this member will be responsible for implementation of
conservation programs, monitoring of water use, and will review/revise the conservation plan when needed.

In an effort to promote voluntary conservation and aid in Nevada's future, the Escapees Co-Op of Nevada will enact the voluntary conservation measures found in the *Conservation Measures* section. When more stringent measures are needed, the escapees Co-Op of Nevada will enact the measures found in the *Contingency Measures* section. All measures can be found in Appendix A.

As required by NRS 540.141, the water conservation plan must include the following provisions:

A. Public Education

B. Conservation Measures

C. Water Management

D. Contingency Plan

E. Schedule

F. Evaluation Measures

G. Conservation Estimates

Each provision is discussed below.

Public Education

Public education is the key for cooperation with conservation efforts, so funding for public education is crucial The Escapees Co-Op of Nevada of Nevada recognizes this and will establish a conservation education program and corresponding budget, if economically feasible.

It is the goal of the Escapees Co-Op of Nevada to increase public awareness to conserve water, encourage reduction in lawn sizes, and encourage the use of climate-appropriate plants, encourage the use of drip irrigation, and encourage conscious decisions for water use for not only its own members but the general public.

The conservation education program includes education materials such as bill inserts, pamphlets, flyers, and posters. New members will be provided these materials when residence is established, while existing members will receive these materials periodically. Educational pamphlets will be provided to all members upon request and should include an explanation of all cost involved in supplying drinking water and demonstrate how the water conservation practices will provide water users with long-term savings. Education materials should also encourage reduction of lawn sizes, use of drip irrigation, use of climate-appropriate plants, and observation tips and techniques (see Appendix B).

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The Escapees Co-Op of Nevada could also establish a water conservation advisory committee.

The Escapees Co-Op of Nevada could also establish a water conservation advisory committee That would involve its membership in the conservation process and provide feedback to the system concerning its efforts, thus fostering support for conservation in the community.

Conservation Measures

In an effort to promote conservation and voluntary conserve water, the Escapees Co-Op of Nevada is adopting water-use regulations to promote water conservation during non- emergency situations. These regulations include the following non-essential water use

1) Use of water trough any connection when the Escapees Co-Op Of Nevada has notified the member in writing to repair a broken or defective plumbing, sprinkler, watering or irrigation system and the member has failed to make such repairs within 2 days after receipt of such notice.

2) Use of water which results in flooding or run-off in gutters, waterways, patios, driveway or streets.

3) Use of water for washing aircraft, cars, busses, boats, trailers, or other vehicles without a positive shut off nozzle on the outlet end of the hose.

4) Use of water through a hose for washing buildings, structures, sidewalks, walkways, driveways, patios, or other hard-surfaced areas in a manner which results in excessive run-off or waste.

5) Use of water for more than minimal landscaping in connection with any new construction.

6) Use of water for outside plants, lawn, landscape, and turf areas are prohibited between the hour of 10 a.m. to 4 p.m.
7) Use of water for watering outside plants and turf areas using a hand-held hose without a positive shut off valve.
8) Use of water for decorative fountains or the filling or topping off of decorative lakes or ponds. Exceptions are made for those decorative fountains, lakes, or ponds which utilize recycled water.
9) Use of water for filling or refilling swimming pools.

In the event these conservation measures are insufficient to control the water shortage, the Escapees Co-Op of Nevada may wish to implement the mandatory measures discussed in the *Contingency Plan* section below.

The Escapees Co-Op of Nevada also promotes the development of water conserving principles into the planning, development, and management of new landscape projects. Members are encouraged to consult with the local nursery or perform an internet search on the availability of water conservation plants and how to renovate existing landscapes. Members are also encouraged to evaluate irrigation management systems using metering, timing, and water sensing devices.

At present, it is not viable to offer any water conservation incentives. The issue of water conservation incentives will be addressed in future water conservation plans.

Water Management

The Escapees Co-Op of Nevada does not regularly monitor/record water levels at all the well and tank sites. Total water use is recorded at each well and is reviewed quarterly.

There are no inter-ties with other local water purveyors to ensure adequate water supplies are available. Local well experts are available, if needed to address ensuring adequate water supplies are available.

The Escapees Co-Op of Nevada does not monitor unaccounted for water losses because members are not metered and there is no comparison to be made between production and member usage.

The Escapees Co-Op of Nevada does not plan to install individual water meters on each of the RV spaces to allow it to monitor production verses usage figures.

The Escapees Co-Op of Nevada does not have a formal leak detection program. All

leaks are repaired immediately upon discovery.

The Escapees Co-Op of Nevada does not experience pressure differences within their system. The system is on flat terrain.

The Escapees Co-Op of Nevada does not have a formal well head protection program. All well houses are kept and are secured.

Because the Co-Op of Nevada does not meter usage, a meter replacement program for all meters that are not registering properly is not applicable.

A capital improvement plan is in place, is currently being funded through the annual maintenance fees, and water facilities are replaced when necessary.

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The Escapees Co-Op of Nevada does not have a system for reusing of effluent. Effluent is treated on-site at community septic tanks.

Contingency Plan

The objective of the contingency plan would be to manage the available resources to ensure continued supply of potable water during periods of drought or extended drought. It is envisioned that voluntary conservation will be sufficient to ensure an adequate supply of water and reduce water usage. However, if a sustained drought (lack of precipitation) is encountered, it may be necessary to implement mandatory restrictions in order to ensure an adequate supply of water to meet essential needs.

The Escapees Co-Op of Nevada plans for drought response would be three (3) stages of drought response: (1) warning stage (2) alert Stage, and (3) emergency stage. The stages are described as follows:

In **Stage 1**, the warning stage, the Escapees Co-Op of Nevada would increase monitoring of its water supplies and would begin creating public awareness of the water supply situation and the need to conserve. Conservation measures at this stage would be voluntary. Retrofit kits (low- flow faucet aerators, low-flow showerheads, leak detection tables, and replacement flapper valves) can be made available, or at cost, and can be actively distributed, if needed.

In **Stage 2**, the alert stage, the Escapee Co-Op of Nevada would call for wide-based community support to achieve conservation, implement water use restrictions, and impose penalties for ignoring the restrictions. Conservation measures at this stage would be mandatory and violations would incur fines.

In **Stage 3**, the emergency stage, the Escapees Co-p of Nevada would declare a drought and water shortage emergency, would enforce water use restrictions, impose fines for violations, and could impose fees for water usage. Media relations would be activated in order to inform the members and monetary assistance may need to be secured in an effort to mitigate the effects of the drought (e.g. federal funding assistance). Conservation measures at this stage would be mandatory and members could pay additional fees for water usage.

When a drought is declared over, voluntary conservation measures (see *Conservation Measures* section) will be reinstated and water supplies would continue to be monitored.

Schedule

All of the provisions listed will be in place after the approval of this plan.

Evaluation Measurements

Because individual RV spaces are not currently metered, it is impossible to determine the effectiveness of each plan element on an individual member basis.
However, the Escapees Co-Op of Nevada can elevate the effectiveness of each plan element from the perspective of the whole RV Park. In that regard, as a plan element is activated (e. g. mailing literature or declaring a drought stage), production figures will be compared to same- month historical data to estimate the plan element's effectiveness. This information will be utilized as a basis for any future water conservation plan revision and plan elements.

If there is a decrease in production as a result of a particular measure/incentive, that measure/incentive can be expanded or improved upon, if possible. If it is discovered that a particular measure/incentive is ineffective, it will be discontinued and a new one can then be implemented to take its place. In addition to changes resulting from audits, updates, and modifications to conservation measures/incentives there will be changes made to meet changing conditions (e.g. member growth and demand, changing use, new I technologies, etc.)

Conservation Estimates

It is estimated that metering alone will be the major driver of conservation, by raising awareness of individual usage. Metering alone, without a rate structure change, but with the public education elements, can be expected to provide a 10% reduction in water use.

During the Stage 1 phase of the conservation plan, it is estimated that conservation measures could be expected to provide a 2.5 to 5% reduction in water use.

During the Stage 2 phase of the conservation plan, it is estimated that conservation measures could be expected to provide a 5 to 7.5% reduction in water use.

During the Stage 3 phase of the conservation plan, it is estimated that conservation measures could be expected to provide a 7.5 to 30% reduction in water use.

The estimated water savings for various end-user efforts can be found in Appendix C.

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Rate Analysis

The escapees Co-Op of Nevada is not a water company, in the business of selling water to customers, and as such does not have paying water customers. A rate analysis is not applicable in this case.

APPENDIX A

CONSERVATION MEASURES

Stage 1 - Warning Stage

1. The Escapees Co-Op of Nevada would increase monitoring of water supplies.

2. The escapees Co-Op of Nevada would begin creating public awareness of water supply situations and need to conserve.

3. The Escapees Co-Op of Nevada would inform members of voluntary conservation measures (no-essential water uses, listed below).

4. The escapees Co-Op of Nevada would provide members with retrofit kits either at cost or free.

Non-essential water uses are :

1) Use of water through any connection when the Escapees Co-Op of Nevada has notified the member in writing to repair a broken or defective plumbing, sprinkler, watering or irrigation system and the member has failed to make such repairs within 2 days of receipt of such notice.

2) Use of water which results in flooding or run-off in gutters, waterways, patios, driveways, or streets.

3) Use of washing aircraft, cars, buses, boats, trailers or other vehicles without a positive shut-off nozzle on the outlet end of the hose.

4) Use of water through a hose for washing buildings, structures, sidewalks, walkways, driveways, patios, or other hard-surfaced areas in a manner which results in excessive run-off or waste.

5) Use of water for more than minimal landscaping in connection with any new construction.

6) Use of water for outside plants, lawn, landscape and turf areas are prohibited between the hours of 10 a.m. to 4 p. m.

7) Use of water for watering outside plants and turf areas using a hand-held hose without a positive shut-off valve.

8) Use of water for decorative fountains or the filling or topping off of decorative lakes or ponds. Exceptions are made for those decorative fountains, lakes, or ponds which utilize recycled water.

9) Use of water for the filling or refilling of swimming pools.

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Stage 2 - Alert Stage

1. The Escapees Co-Op of Nevada would set conservation goals and call for wide-base community support to achieve those goals.

2. The Escapees Co-Op of Nevada would inform members of mandatory conservation measures (non-essential water uses, listed in Stage 1 are now mandatory).

3. The Escapees Co-Op of Nevada would inform members of penalties if mandatory conservation measures are not observed (penalties are listed below).

4. The Escapees Co-Op of Nevada would inform members of mandatory conservation water fees.

5. The Escapees Co-Op of Nevada would provide members with retrofit kits either at cost or free.

Penalties for violation of mandatory conservation measures are:

1st violation	written warning
2nd violation	$25.00
3rd violation	$50.00
4th violation	$100.00

Offenses for separate water use restriction violations will each start at the warning stage (1st violation) and the penalties for the offences are in addition to the space

rental charges.

Stage 2 water rates would include an additional monthly water usage fee of $25.00 or other such fee as deemed necessary.

Stage 3 - Emergency Stage

1. The Escapees Co-Op of Nevada would declare a drought and water shortage emergency and use media relations to supplement efforts to keep members informed.

2. The Escapees Co-Op of Nevada would inform members of prohibited water uses (non-essential water uses, listed in stage 1 are now prohibited).

3. The Escapees Co-Op of Nevada would inform members of penalties if prohibited measures are not observed (penalties are listed below).

4. The Escapees Co-Op of Nevada would provide members with retrofit kits either at cost or free.

5. The Escapees Co-Op of Nevada would seek monetary assistance in an effort to mitigate the drought (e. g. federal funding)

Penalties for violation of prohibited water use measures are:

1st violation..... written warning
2nd violation..... $100.00
3rd violation..... take the necessary legal action to protect existing water sources.

Offenses for separate water use restriction violations will each start at the warning stage (1st violation) and the penalties for the offenses are in addition to the space rental charges.

Stage 3 water rates would include an additional monthly water use fee of $50.00, or other such fee as deemed necessary.

If any member seeks a variance from provisions off Stage 3, the that member shall notify the Escapees Co-Op of Nevada in writing, explaining in detail the reason for such a variation. The Escapees Co-Op of Nevada shall respond to each request.

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APPENDIX B

PUBLIC EDUCATION MATERIALS

There are several publications available for use at U. S. EPA website for general distribution (currently located at http://epa.gov/environmental-topics/water-topics) these publications include such topics as :

Simple Steps to Save Water, Ideas for Residence,
Ideas for Commercial,
Using Water Wisely in Home,
Outdoor Water Use in the US,
Toilet Flush Facts,
Watering Can Be Efficient,
Irrigation Timers for the Homeowner, and
Water Efficient Landscape.

These publications can be utilized until the Escapees Co-Op of Nevada develops system-specific publications.

There are also numerous websites that provide tips for conserving water. One of these is: Hyp://ww.aterusetwisel.com/100-ways-to-conserve/index.php. Members can be directed to this website for tips to conserve water.
Specific tips for landscaping that can be provided to members are listed below. During drought conditions outdoor watering restrictions may be imposed, and therefore some of the following tips will not apply.

Tips for Landscaping

Watering;

Detects and repairs all leaks in irrigation systems.

Use properly treated wastewater for irrigation where available Water the lawn or garden during the coolest part of the day (early morning is best). Do not water on windy days.

Water trees and shrubs, which have deep root systems, longer and less frequently than shallow-rooted plants which require smaller amounts of water more often. Check with the local nursery for advice on the amount and frequency of watering needed in your area.

Set sprinklers to water the lawn or garden only-not the street or sidewalk.

Use soaker hoses and trickle irrigation systems.

Install moisture sensors on sprinkler systems.

Planting:

Have your soil tested for nutrient content and add organic matter if needed. Good soil absorbs and retains water better. Minimize turf areas and use native grasses.

Use native plants in your landscape--they require less care and water than ornamental varieties.

Add compost or peat moss to soil to improve its water-holding capacity.

Use mulch around shrubs and garden plants to reduce evaporation from the soil surface and cut down on weed growth. Remove thatch and aerate turf to encourage movement of water to the root zone.

Raise your lawn mower cutting height to cut grass no shorter than three inches-longer grass blades encourage deeper roots, help shade soil, cut down on evaporation, and

inhibit weed growth. Minimize or eliminate fertilizing which requires additional watering, and promotes new growth which will also need additional watering.

Ornamental Water Features:

Do not install or use ornamental water features less they recycle the water. Use signs to indicate that water is recycled. Do not operate during a drought.

APPENDIX C

END-USER WATER SAVINGS

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Here are just a few of the end-user water savings that could be realized;

Leaky Faucets

Issue.....Leaky faucets that drip at the rate of one drip per second can waste more than 3,000 gallons of water each year.

Fix.....If you're unsure whether you have a leak, read your water meter before and after a two-hour period when no water is being used. If the meter does not read exactly the same, you probably have a leak.

Leaky Toilets

Issue: A leaky toilet can waste 200 gallons of water every day.

Fix: to tell if your toilet has a leak, place a drop of food coloring in the tank; if the color shows in the bowl without flushing, you have a leak.

Showering

Issue..... A full bathtub requires about 70 gallons of water, while taking a five-minute shower uses 10 to 25 gallons.

Fix..... If you take a bath, stop the drain immediately and adjust the temperature as you fill the tub.

Brushing Teeth Wisely

Issue..... The average bathroom faucet flows at a fate of two gallons per minute.

Fix.....Turning off the tap while brushing your teeth in the morning and at bed time can save up to 8 gallons of water per day, which equals 240 gallons a month!

Watering Wisely

Issue.....The typical single-family suburban household uses at least 30 percent of their water is outdoors for irrigation. Some experts estimate that more than 50 percent of landscape water use goes to waste due to evaporation or runoff caused by overwatering.

Fix.....Dip irrigation systems use between 20 to 50 percent less water than conventional in-ground sprinkler systems. They are also much more efficient than conventional sprinklers because no water is lost to wind, runoff, and evaporation. If the in-ground system uses 100,000 gallons annually, you could potentially save more than 200,000 gallons over the lifetime of a drip irrigation system should you choose to install it. That adds up to savings of at least $1,150

Washing Wisely

Issue.....The average washing machine uses about 41 gallons of water per load.

Fix.....High-efficiency washing machines use less than 28 gallons of water per load. To achieve even greater savings, wash only full loads of laundry or use the appropriate load size selection on the washing machine.

Flushing Wisely

Issue.....If your toilet is from 1992 or earlier, you probably have an inefficient model that uses at least 3,5 gallons per flush.

Fix.....New and improved high-efficient models use less than 1.3 gallons per flush-that's at least 60 percent less than their older, less efficient counterparts. Compared to a 3.5 gallons per flush toilet, a WaterSense labeled toilet could save a family of four more than $90 annually on their water bill, and $2,000. Over the lifetime of the toilet.

Dish Washing Wisely

Issue..... Running dishwasher partial full and pre-rinsing dishes before loading the dishwasher.

Fix.....Run the dishwasher only when it is full and use the rinse- and-hold dishwasher feature until you're ready to run a full load. Pre-rinsing dishes does not improve cleaning and skipping this step can save you as much as 20 gallons per load, or 6,500 gallons per year. New water-saver dishwashers use only about 4 gallons per wash.

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Estimated water savings from EPA Water Conservation Guidelines 1998 (Appendix B, Table B-1):

Type	Estimated Usage (g/c/d)	Conservation Usage (g/c/d)	Savings (g/c/d)	Savings (%)
Toilet	18.3	10.4	7.9	43%
Clothes Washers	14.9	10.5	4.4	30%
Showers	12.2	10.0	2.2	18%
Faucets	10.3	10.0	.3	3%
Leaks	6.6	1.5	5.1	77%

Benchmarks from selected conservation measures from EPA Water Conservation Guidelines 1998 (Appendix B, Table B-4):

Category	Measure	Reduction to End Use
Universal Metering	Connection Metering	20%
	Sub Metering	20-40%
Costing and Pricing	10% increase in Residential Price	2-4%
	10% increase in Non-Residential Price	5-8%
	Increasing Block Rate	5%
Information and Education	Public Education and Behavior Changes	2-5%
End Use Audits	General Industrial Water Conservation	10-20%
	Outdoor Residential Use	5-10%
	Large Landscape Water Audit	10-20%
Retrofits	Toilet Tank Displacement Devices for Toilets using > 3.5 gal/Flush	2-3 g/p/d
	Toilet Retrofit	8-14 g/p/d
	Shower Head Retrofit (aerator)	4 g/p/d
	Faucet Retrofit (aerator)	5 g/p/d
	Fixture Leak Repair	5 g/p/d
Pressure Management	Pressure Reduction System	3-6% of Total Production
	Pressure Reducing Valves (Residential)	5-30%
Outdoor water use efficiency	Low Water-use Plants	7.5%
	Lawn Watering Guides	15-20%
	Large Landscape Management	10-25%
	Irrigation Timer	10 g/c/d
Replacements and Promotions	Toilet Replacement, Residential	1.6-2,0 g/c/d
	Toilet Replacement, Commercial	1.6-2,0 g/c/d
	Shower Head Replacement	8.1 g/c/d
	Faucet Replacement	6.4 g/p/d
	Clothes Washers, Residential	4-12 g/c/d
	DishWashers, Residential	1 g/c/d
	Hot Water Demand Units	10 g/c/d
Water Use Regulation	Landscape Requirements for New Developments	10-20% per sector
	Greywater Reuse, Residential	20-30 g/c/d

Note: g/c/d....gallons per cycle per day g/p/d....gallons per person per day

EFFEX
ANALYTICAL SERVICES
965 HARRISON DR., STE #8
AS VEGAS, NV 89120
702) 367-1187 FAX 367-3031

LABORATORY REPORT

Client: Broadbent and Associates
8 W Pacific Ave
Henderson, NV 89015

Attention: Dustins Stephens

Project Name-Location Escapee's Co-op NV0002552

Sampled By: J. Ormerod

Relinquished By J. Ormerod

Authorized By: J. Ormerod

Sample No. 2450892

Date: 01/26/25

BSDW/SDWA Compliance ☑

CWA/NDEP/SNHD/Other Compliance ☐

Not for Compliance ☐

Date: 01/21/25

Date: 01/21/25

NV EPA Cert NV00018

ANALYTICAL RESULTS

Lab I.D.	Parameter	Method	Source/Client ID	Sampled(Hrs.)	Date Analyzed	Result	State Limit
.00	Nitrate as N, mg/L	SM 4500-NO3- E.	Tap1 (Blend W03&W04)	1230	01/22/25	<2.5	10.0
.00	Nitrite as N, mg/L	SM 4500-NO2- B.	Tap1 (Blend W03&W04)	1230	01/22/25	<0.05	1.0

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cc: Bureau of Safe Drinking Water
901 S. Stewart St., Suite 4001
Carson City, NV 89701-5405
Fax: (775) 687-5699

NEVADA CERTIFIED CDC ELITE EFFEX NOT VALID WITHOUT SEAL

This report is not valid without seal

Approved By

Reviewed By:

Xavier Suarez// Laboratory Director

EFFEX ANALYTICAL SERVICES

CHAIN OF CUSTODY

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CLARK COUNTY DEPARTMENT OF ENVIRONMENT AND SUSTAINABILITY

Turnaround Time (BUSINESS DAYS): 1 2 3 5 10 — RUSH SERVICE - ADDITIONAL FEES MAY APPLY — STANDARD

Due Date

5965 Harrison Drive, Suite 8, Las Vegas, Nevada 89120 Phone: (702) 367-1187 Fax: (702) 367-3031 Email: contact@effexlab.com Web: effexlab.com

Client: Broadbent phone: fax/email: broadbent/labcraft

Address: 8W Pacific Ave Henderson NV

Attention: J. Comerad Authorized By: P.O. # or Name: 19-12-116 BSDW/NDEP/CC Compliance: ☒ Yes ☐ No

Project Location: Escapees Co-op CWA/Other Compliance: ☐ Yes ☐ No

PWS or Permit No.: NV0002557 Not for Compliance: ☐ Yes ☐ No

Note: Sample tests will be outsourced when required

Sampled By: Sampler's signature Date(s) Sampled: 1/21/2025

Sampler's attestation: I understand that tampering or intentionally mislabeling the sampling location date, and/or time of collection may be considered fraud and subject to the provisions of NAC 445A.0642.

Parameter(s): Nitrate/Nitrite

pH — Lab use only

Preservative: a. HCl b. HNO_3 c. H_2SO_4 d. NaOH e. Cool 4 °C f. $Na_2S_2O_3$ g. Other h. None

Time(s) Sampled	Sampling Method	Matrix	Bottle Type	Source	Sample Number	Lab I.D.	Remarks	Nitrate/Nitrite	pH	Preservative
12:30	G	DW	P	Tap (Blend W03+W04)	2450892			X		

Sampling Method: G – grab C – composite Matrix: A – aqueous DW – drinking water OL – oil SD – solid SG – sludge SO – soil WW – wastewater OT – other Bottle Type: G – glass P – plastic

Custody Seal Intact: ☐ yes ☐ no ☐ none Condition: ☑ good ☐ as noted Temperature: 5 °C On Ice: ☑ yes ☐ no

If sample is (circle): Out of temp and not on ice and/or Out of hold when received in lab: ☐ analyze per client ☐ do not analyze per client initials

	Printed Name	Signature	Company	Date	Time	In Lab
Relinquished By:	James Comerad			1/21/2025	16:35	yes no
Received By:	Julie Hall		Effex	1/21/25	1635	yes no
Relinquished By:						yes no
Received By:						yes no

Veritas Laboratories
Truth in Quality. Truth in Service

6245 Harrison Drive, Suite 4, Las Vegas, NV 89120

(702) 321-8315 Phone
(702) 597-2098 Fax
Email: veritaslabs@msn.com

CLIENT NAME: Broadbent and Associates
8 W. Pacific Ave
Henderson, NV 89015

PROJECT MGR: James Ormerod

CLIENT PROJECT NAME: **Escapee's Co-Op**
CLIENT PROJECT NUMBER: PWS# NV0002552
VERITAS LAB ORDER ID: V24L178
DATE RECEIVED AT LAB: Dec-16-2024 16:00

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2025 JUN -2 PM 1:03
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Presented herein are the analytical results for samples received from the above referenced project.

Unless otherwise indicated on the chain of custody or in the report case narrative, samples submitted for this project were not sampled by Veritas Laboratories, were received in good condition, properly preserved, within the proper temperature range, and within the recommended holding time for the requested analyses. Any sample receipt non-compliance is understood by the client as potentially having an impact on the data quality. All requested tests were performed regardless of any non-compliance unless otherwise communicated to the client.

All laboratory analytical data presented herein was generated by a laboratory certified by the Nevada Division of Environmental Protection for each constituent and media reported for which a certification is required and offered. All analyses reported were performed by Veritas Laboratories unless otherwise indicated on the data pages.

Should you have any questions or comments regarding this report or if we can be of further service to you, please do not hesitate to contact me at (702) 321-8315.

Sincerely,

Bruce G. Cunningham

Bruce G. Cunningham
Laboratory Director
Veritas Laboratories
Nevada Lab Certification ID NV00918

1/14/25
Date

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Veritas Laboratories
Truth in Quality, Truth in Service
6245 Harrison Drive, Suite 4, Las Vegas, NV 89120
(702) 321-8315 Phone
(702) 597-2098 Fax
Email: veritaslabs@msn.com

CLIENT COMPANY NAME: **Escapee's Co-Op**
CLIENT PROJECT NAME: PWS# NV0002552
CLIENT PROJECT NUMBER: V24L178
VERITAS LAB ORDER ID: Dec-16-2024 16:00

SAMPLE SUMMARY

CLIENT SAMPLE ID	VERITAS SAMPLE ID	MATRIX	DATE/TIME COLLECTED	DATE/TIME RECEIVED
Escapee's Tap 1 (Blend WO3 & WO4)	V24L178-01	Drinking Water	12/16/24 11:30	12/16/24 16:00

BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
559-497-2888 (Main)

AHL2899
1/03/2025
Invoice: AI00129

Bruce Cunningham
Veritas Laboratory
6245 Harrison Drive, Suite 4
Las Vegas, NV 89124

RE: Report for AHL2899 General Broadbent & Associates, Escapee's Co-Op, PWS# NV0002552

Dear Bruce Cunningham,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 12/18/2024. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2016 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an "as received" basis.

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

If additional clarification of any information is required, please contact your Client Services Representative, Heather S. Johnson , at 559-497-2888.

Thank you again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Heather Johnson

Heather S. Johnson, Project Manager

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Accredited in Accordance with NELAP
ORELAP #4021

Case Narrative

Project and Report Details		Invoice Details	
Client:	Veritas Laboratory	**Invoice To:**	Veritas Laboratory
Report To:	Bruce Cunningham	**Invoice Attn:**	Bruce Cunningham
Project #:	V24L178 - Escapees Co-Op	**Project PO#:**	-
Received:	12/18/2024 - 10:57		
Report Due:	1/03/2025		

Sample Receipt Conditions

Cooler: Default Cooler
Temperature on Receipt °C: 2.4

Containers Intact
COC/Labels Agree
Preservation Confirmed
Received On Ice
Packing Material - Other
Sample(s) were received in temperature range.
Initial receipt at BSK-FAL

Data Qualifiers

The following qualifiers have been applied to one or more analytical results:

MS1.0 Matrix spike recoveries exceed control limits.

Report Distribution

Recipient(s)	Report Format	CC:
Bruce Cunningham	FINAL.RPT	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AHL2899-01 Escapee's Tap 1 (Blend WO3 & WO4)
Sampled By: Client
Sample Description: V24L178-01

Sample Date - Time: 12/16/2024 - 11:30
Matrix: Drinking Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
EDB and DBCP by GC-ECD									
Ethylene Dibromide (EDB)	EPA 504.1	ND	0.020	ug/L	1	AHL1252	12/19/24	12/19/24	
Dibromochloropropane (DBCP)	EPA 504.1	ND	0.010	ug/L	1	AHL1252	12/19/24	12/19/24	
Surrogate: 1-Br-2-Nitrobenzene	EPA 504.1	107 %	*Acceptable range: 70-130 %*						
Organohalide Pesticides and PCBs by GC-ECD									
Aldrin	EPA 505	ND	0.075	ug/L	1	AHL1252	12/19/24	12/19/24	
Chlordane (Technical)	EPA 505	ND	0.10	ug/L	1	AHL1252	12/19/24	12/19/24	
Dieldrin	EPA 505	ND	0.020	ug/L	1	AHL1252	12/19/24	12/19/24	
Endrin	EPA 505	ND	0.10	ug/L	1	AHL1252	12/19/24	12/19/24	
Heptachlor	EPA 505	ND	0.010	ug/L	1	AHL1252	12/19/24	12/19/24	
Heptachlor Epoxide	EPA 505	ND	0.010	ug/L	1	AHL1252	12/19/24	12/19/24	
Hexachlorobenzene	EPA 505	ND	0.50	ug/L	1	AHL1252	12/19/24	12/19/24	
Hexachlorocyclopentadiene	EPA 505	ND	1.0	ug/L	1	AHL1252	12/19/24	12/19/24	
Lindane	EPA 505	ND	0.20	ug/L	1	AHL1252	12/19/24	12/19/24	
Methoxychlor	EPA 505	ND	10	ug/L	1	AHL1252	12/19/24	12/19/24	
PCB Aroclor Screen	EPA 505	ND	0.50	ug/L	1	AHL1252	12/19/24	12/19/24	
Toxaphene	EPA 505	ND	1.0	ug/L	1	AHL1252	12/19/24	12/19/24	
Surrogate: 1-Br-2-Nitrobenzene	EPA 505	107 %	*Acceptable range: 70-130 %*						
Chlorinated Acid Herbicides by GC-ECD									
2,4,5-T	EPA 515.4	ND	1.0	ug/L	1	AHL1407	12/23/24	12/23/24	
2,4,5-TP (Silvex)	EPA 515.4	ND	1.0	ug/L	1	AHL1407	12/23/24	12/23/24	
2,4-D	EPA 515.4	ND	10	ug/L	1	AHL1407	12/23/24	12/23/24	
Bentazon	EPA 515.4	ND	2.0	ug/L	1	AHL1407	12/23/24	12/23/24	
Dalapon	EPA 515.4	ND	10	ug/L	1	AHL1407	12/23/24	12/23/24	
Dicamba	EPA 515.4	ND	1.5	ug/L	1	AHL1407	12/23/24	12/23/24	
Dinoseb	EPA 515.4	ND	2.0	ug/L	1	AHL1407	12/23/24	12/23/24	
Pentachlorophenol	EPA 515.4	ND	0.20	ug/L	1	AHL1407	12/23/24	12/23/24	
Picloram	EPA 515.4	ND	1.0	ug/L	1	AHL1407	12/23/24	12/23/24	
Surrogate: DCPAA	EPA 515.4	102 %	*Acceptable range: 70-130 %*						
Semi-Volatile Organics by GC-MS									
Alachlor	EPA 525.3	ND	1.0	ug/L	1	AHL1584	12/25/24	12/30/24	
Atrazine	EPA 525.3	ND	0.50	ug/L	1	AHL1584	12/25/24	12/30/24	
Benzo(a)pyrene	EPA 525.3	ND	0.10	ug/L	1	AHL1584	12/25/24	12/30/24	
Bis(2-ethylhexyl) adipate	EPA 525.3	ND	5.0	ug/L	1	AHL1584	12/25/24	12/30/24	
Bis(2-ethylhexyl) phthalate	EPA 525.3	ND	3.0	ug/L	1	AHL1584	12/25/24	12/30/24	
Bromacil	EPA 525.3	ND	10	ug/L	1	AHL1584	12/25/24	12/30/24	
Butachlor	EPA 525.3	ND	0.38	ug/L	1	AHL1584	12/25/24	12/30/24	
Diazinon	EPA 525.3	ND	0.25	ug/L	1	AHL1584	12/25/24	12/30/24	
Dimethoate	EPA 525.3	ND	10	ug/L	1	AHL1584	12/25/24	12/30/24	
Metolachlor	EPA 525.3	ND	0.50	ug/L	1	AHL1584	12/25/24	12/30/24	
Metribuzin	EPA 525.3	ND	0.50	ug/L	1	AHL1584	12/25/24	12/30/24	

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Certificate of Analysis

Sample ID: AHL2899-01 | Escapee's Tap 1 (Blend WO3 & WO4)
Sampled By: Client
Sample Description: V24L178-01

Sample Date - Time: 12/16/2024 - 11:30
Matrix: Drinking Water
Sample Type: Grab

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Semi-Volatile Organics by GC-MS									
Molinate	EPA 525.3	ND	2.0	ug/L	1	AHL1584	12/25/24	12/30/24	
Propachlor	EPA 525.3	ND	0.50	ug/L	1	AHL1584	12/25/24	12/30/24	
Simazine	EPA 525.3	ND	1.0	ug/L	1	AHL1584	12/25/24	12/30/24	
Thiobencarb	EPA 525.3	ND	1.0	ug/L	1	AHL1584	12/25/24	12/30/24	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	EPA 525.3	90 %	*Acceptable range: 70-130 %*						
Surrogate: Benzo(a)pyrene-d12	EPA 525.3	89 %	*Acceptable range: 70-130 %*						
Surrogate: Triphenyl Phosphate	EPA 525.3	81 %	*Acceptable range: 70-130 %*						
Carbamates by HPLC									
3-Hydroxycarbofuran	EPA 531.1	ND	3.0	ug/L	1	AHL1237	12/19/24	12/20/24	
Aldicarb	EPA 531.1	ND	3.0	ug/L	1	AHL1237	12/19/24	12/20/24	
Aldicarb Sulfone	EPA 531.1	ND	2.0	ug/L	1	AHL1237	12/19/24	12/20/24	
Aldicarb Sulfoxide	EPA 531.1	ND	3.0	ug/L	1	AHL1237	12/19/24	12/20/24	
Carbaryl	EPA 531.1	ND	5.0	ug/L	1	AHL1237	12/19/24	12/20/24	
Carbofuran	EPA 531.1	ND	5.0	ug/L	1	AHL1237	12/19/24	12/20/24	
Methomyl	EPA 531.1	ND	2.0	ug/L	1	AHL1237	12/19/24	12/20/24	
Oxamyl	EPA 531.1	ND	20	ug/L	1	AHL1237	12/19/24	12/20/24	
Glyphosate by HPLC									
Glyphosate	EPA 547	ND	25	ug/L	1	AHL1623	12/26/24	12/26/24	
Surrogate: AMPA	EPA 547	98 %	*Acceptable range: 70-130 %*						
Endothall by GC-MS									
Endothall	EPA 548.1	ND	45	ug/L	1	AHL1392	12/22/24	12/23/24	
Diquat by HPLC									
Diquat	EPA 549.2	ND	4.0	ug/L	1	AHL1315	12/19/24	12/23/24	

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BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 504.1 - Quality Control											
Batch: AHL1252										Prepared: 12/19/2024	
Prep Method: EPA 504/505										Analyst: KMA	
Blank (AHL1252-BLK1)											
Ethylene Dibromide (EDB)	ND	0.020	ug/L							12/19/24	
Dibromochloropropane (DBCP)	ND	0.010	ug/L							12/19/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.47*			*0.46*		*102*	*70-130*			12/19/24	
Blank Spike (AHL1252-BS1)											
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	115	70-130			12/19/24	
Dibromochloropropane (DBCP)	0.11	0.010	ug/L	0.10	ND	110	70-130			12/19/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.46*			*0.46*		*101*	*70-130*			12/19/24	
Blank Spike Dup (AHL1252-BSD1)											
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	109	70-130	5	20	12/19/24	
Dibromochloropropane (DBCP)	0.11	0.010	ug/L	0.10	ND	111	70-130	1	20	12/19/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.47*			*0.46*		*102*	*70-130*			12/19/24	
Matrix Spike (AHL1252-MS1), Source: AHL2904-01											
Ethylene Dibromide (EDB)	0.11	0.020	ug/L	0.10	ND	110	65-135			12/19/24	
Dibromochloropropane (DBCP)	0.10	0.010	ug/L	0.10	ND	103	65-135			12/19/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.48*			*0.46*		*103*	*70-130*			12/19/24	
Matrix Spike (AHL1252-MS2), Source: AHL2909-01											
Ethylene Dibromide (EDB)	0.10	0.020	ug/L	0.099	ND	104	65-135			12/19/24	
Dibromochloropropane (DBCP)	0.10	0.010	ug/L	0.099	ND	106	65-135			12/19/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.46*			*0.45*		*102*	*70-130*			12/19/24	
EPA 505 - Quality Control											
Batch: AHL1252										Prepared: 12/19/2024	
Prep Method: EPA 504/505										Analyst: KMA	
Blank (AHL1252-BLK1)											
Aldrin	ND	0.075	ug/L							12/19/24	
Chlordane (Technical)	ND	0.10	ug/L							12/19/24	
Dieldrin	ND	0.020	ug/L							12/19/24	
Endrin	ND	0.10	ug/L							12/19/24	
Heptachlor	ND	0.010	ug/L							12/19/24	
Heptachlor Epoxide	ND	0.010	ug/L							12/19/24	
Hexachlorobenzene	ND	0.50	ug/L							12/19/24	
Hexachlorocyclopentadiene	ND	1.0	ug/L							12/19/24	
Lindane	ND	0.20	ug/L							12/19/24	
Methoxychlor	ND	10	ug/L							12/19/24	
PCB Aroclor Screen	ND	0.50	ug/L							12/19/24	
Toxaphene	ND	1.0	ug/L							12/19/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.47*			*0.46*		*102*	*70-130*			12/19/24	
Blank Spike (AHL1252-BS1)											

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BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 505 - Quality Control											
Batch: AHL1252										Prepared: 12/19/2024	
Prep Method: EPA 504/505										Analyst: KMA	
Blank Spike (AHL1252-BS1)											
Aldrin	0.83	0.075	ug/L	0.74	ND	112	70-130			12/19/24	
Dieldrin	0.21	0.020	ug/L	0.20	ND	103	70-130			12/19/24	
Endrin	0.10	0.10	ug/L	0.10	ND	103	70-130			12/19/24	
Heptachlor	0.11	0.010	ug/L	0.10	ND	105	70-130			12/19/24	
Heptachlor Epoxide	0.10	0.010	ug/L	0.10	ND	104	70-130			12/19/24	
Hexachlorobenzene	1.1	0.50	ug/L	1.0	ND	108	70-130			12/19/24	
Hexachlorocyclopentadiene	1.1	1.0	ug/L	1.0	ND	111	70-130			12/19/24	
Lindane	0.21	0.20	ug/L	0.20	ND	104	70-130			12/19/24	
Methoxychlor	0.99	10	ug/L	1.0	ND	99	70-130			12/19/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.46*			*0.46*		*101*	*70-130*			12/19/24	
Blank Spike Dup (AHL1252-BSD1)											
Aldrin	0.83	0.075	ug/L	0.74	ND	111	70-130	1	20	12/19/24	
Dieldrin	0.21	0.020	ug/L	0.20	ND	103	70-130	0	20	12/19/24	
Endrin	0.10	0.10	ug/L	0.10	ND	104	70-130	1	20	12/19/24	
Heptachlor	0.11	0.010	ug/L	0.10	ND	107	70-130	2	20	12/19/24	
Heptachlor Epoxide	0.10	0.010	ug/L	0.10	ND	104	70-130	1	20	12/19/24	
Hexachlorobenzene	1.1	0.50	ug/L	1.0	ND	108	70-130	0	20	12/19/24	
Hexachlorocyclopentadiene	1.0	1.0	ug/L	1.0	ND	102	70-130	9	20	12/19/24	
Lindane	0.21	0.20	ug/L	0.20	ND	103	70-130	1	20	12/19/24	
Methoxychlor	1.0	10	ug/L	1.0	ND	100	70-130	1	20	12/19/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.47*			*0.46*		*102*	*70-130*			12/19/24	
Matrix Spike (AHL1252-MS1), Source: AHL2904-01											
Aldrin	0.82	0.075	ug/L	0.75	ND	109	65-135			12/19/24	
Dieldrin	0.21	0.020	ug/L	0.20	ND	103	65-135			12/19/24	
Endrin	0.11	0.10	ug/L	0.10	ND	104	65-135			12/19/24	
Heptachlor	0.11	0.010	ug/L	0.10	ND	105	65-135			12/19/24	
Heptachlor Epoxide	0.10	0.010	ug/L	0.10	ND	103	65-135			12/19/24	
Hexachlorobenzene	1.1	0.50	ug/L	1.0	ND	108	65-135			12/19/24	
Hexachlorocyclopentadiene	1.1	1.0	ug/L	1.0	ND	110	65-135			12/19/24	
Lindane	0.21	0.20	ug/L	0.20	ND	103	65-135			12/19/24	
Methoxychlor	1.0	10	ug/L	1.0	ND	100	65-135			12/19/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.48*			*0.46*		*103*	*70-130*			12/19/24	
Matrix Spike (AHL1252-MS2), Source: AHL2909-01											
Aldrin	0.77	0.075	ug/L	0.73	ND	105	65-135			12/19/24	
Dieldrin	0.18	0.020	ug/L	0.20	ND	90	65-135			12/19/24	
Endrin	0.087	0.10	ug/L	0.099	ND	88	65-135			12/19/24	
Heptachlor	0.097	0.010	ug/L	0.099	ND	98	65-135			12/19/24	
Heptachlor Epoxide	0.089	0.010	ug/L	0.099	ND	91	65-135			12/19/24	
Hexachlorobenzene	1.0	0.50	ug/L	0.99	ND	103	65-135			12/19/24	
Hexachlorocyclopentadiene	1.1	1.0	ug/L	0.99	ND	108	65-135			12/19/24	

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BSK ASSOCIATES

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 505 - Quality Control											
Batch: AHL1252										Prepared: 12/19/2024	
Prep Method: EPA 504/505										Analyst: KMA	
Matrix Spike (AHL1252-MS2), Source: AHL2909-01											
Lindane	0.19	0.20	ug/L	0.20	ND	94	65-135			12/19/24	
Methoxychlor	0.94	10	ug/L	0.99	ND	95	65-135			12/19/24	
Surrogate: 1-Br-2-Nitrobenzene	*0.46*			*0.45*		*102*	*70-130*			12/19/24	
EPA 515.4 - Quality Control											
Batch: AHL1407										Prepared: 12/23/2024	
Prep Method: EPA 515.4										Analyst: RDH	
Blank (AHL1407-BLK1)											
2,4,5-T	ND	1.0	ug/L							12/23/24	
2,4,5-TP (Silvex)	ND	1.0	ug/L							12/23/24	
2,4-D	ND	10	ug/L							12/23/24	
Bentazon	ND	2.0	ug/L							12/23/24	
Dalapon	ND	10	ug/L							12/23/24	
Dicamba	ND	1.5	ug/L							12/23/24	
Dinoseb	ND	2.0	ug/L							12/23/24	
Pentachlorophenol	ND	0.20	ug/L							12/23/24	
Picloram	ND	1.0	ug/L							12/23/24	
Surrogate: DCPAA	*41*			*36*		*115*	*70-130*			12/23/24	
Matrix Spike (AHL1407-MS1), Source: AHL2899-01											
2,4,5-T	1.7	1.0	ug/L	1.6	ND	105	70-130			12/23/24	
2,4,5-TP (Silvex)	0.82	1.0	ug/L	0.80	ND	103	70-130			12/23/24	
2,4-D	0.34	10	ug/L	0.40	ND	85	70-130			12/23/24	
Bentazon	2.4	2.0	ug/L	2.0	ND	119	70-130			12/23/24	
Dalapon	4.3	10	ug/L	4.0	ND	107	70-130			12/23/24	
Dicamba	0.82	1.5	ug/L	0.80	ND	102	70-130			12/23/24	
Dinoseb	0.85	2.0	ug/L	0.80	ND	106	70-130			12/23/24	
Pentachlorophenol	0.17	0.20	ug/L	0.16	ND	104	70-130			12/23/24	
Picloram	0.39	1.0	ug/L	0.40	ND	99	70-130			12/23/24	
Surrogate: DCPAA	*39*			*36*		*109*	*70-130*			12/23/24	
Matrix Spike Dup (AHL1407-MSD1), Source: AHL2899-01											
2,4,5-T	1.7	1.0	ug/L	1.6	ND	105	70-130	0	30	12/23/24	
2,4,5-TP (Silvex)	0.81	1.0	ug/L	0.80	ND	101	70-130	2	30	12/23/24	
2,4-D	0.35	10	ug/L	0.40	ND	87	70-130	3	30	12/23/24	
Bentazon	2.3	2.0	ug/L	2.0	ND	116	70-130	3	30	12/23/24	
Dalapon	3.8	10	ug/L	4.0	ND	96	70-130	11	30	12/23/24	
Dicamba	0.80	1.5	ug/L	0.80	ND	100	70-130	1	30	12/23/24	
Dinoseb	0.81	2.0	ug/L	0.80	ND	101	70-130	5	30	12/23/24	
Pentachlorophenol	0.16	0.20	ug/L	0.16	ND	102	70-130	1	30	12/23/24	
Picloram	0.41	1.0	ug/L	0.40	ND	103	70-130	4	30	12/23/24	
Surrogate: DCPAA	*37*			*36*		*103*	*70-130*			12/23/24	

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Organics Quality Control Report

EPA 525.3 - Quality Control

Batch: AHL1584 — Prepared: 12/25/2024
Prep Method: EPA 525.3 — Analyst: RDH

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
Blank (AHL1584-BLK1)											
Alachlor	ND	1.0	ug/L							12/30/24	
Atrazine	ND	0.50	ug/L							12/30/24	
Benzo(a)pyrene	ND	0.10	ug/L							12/30/24	
Bis(2-ethylhexyl) adipate	ND	5.0	ug/L							12/30/24	
Bis(2-ethylhexyl) phthalate	ND	3.0	ug/L							12/30/24	
Bromacil	ND	10	ug/L							12/30/24	
Butachlor	ND	0.38	ug/L							12/30/24	
Diazinon	ND	0.25	ug/L							12/30/24	
Dimethoate	ND	10	ug/L							12/30/24	
Metolachlor	ND	0.50	ug/L							12/30/24	
Metribuzin	ND	0.50	ug/L							12/30/24	
Molinate	ND	2.0	ug/L							12/30/24	
Propachlor	ND	0.50	ug/L							12/30/24	
Simazine	ND	1.0	ug/L							12/30/24	
Thiobencarb	ND	1.0	ug/L							12/30/24	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	*0.92*			*1.0*		*92*	*70-130*			12/30/24	
Surrogate: Benzo(a)pyrene-d12	*0.94*			*1.0*		*94*	*70-130*			12/30/24	
Surrogate: Triphenyl Phosphate	*0.90*			*1.0*		*90*	*70-130*			12/30/24	
Blank Spike (AHL1584-BS1)											
Alachlor	0.19	1.0	ug/L	0.20	ND	95	70-130			12/30/24	
Atrazine	0.091	0.50	ug/L	0.10	ND	91	70-130			12/30/24	
Benzo(a)pyrene	0.022	0.10	ug/L	0.020	ND	112	70-130			12/30/24	
Bis(2-ethylhexyl) adipate	0.36	5.0	ug/L	0.40	ND	90	70-130			12/30/24	
Bis(2-ethylhexyl) phthalate	0.60	3.0	ug/L	0.60	ND	100	70-130			12/30/24	
Bromacil	0.10	10	ug/L	0.10	ND	100	70-130			12/30/24	
Butachlor	0.10	0.38	ug/L	0.10	ND	101	70-130			12/30/24	
Diazinon	0.020	0.25	ug/L	0.020	ND	98	70-130			12/30/24	
Dimethoate	0.78	10	ug/L	0.80	ND	98	70-130			12/30/24	
Metolachlor	0.098	0.50	ug/L	0.10	ND	98	70-130			12/30/24	
Metribuzin	0.093	0.50	ug/L	0.10	ND	93	70-130			12/30/24	
Molinate	0.082	2.0	ug/L	0.10	ND	82	70-130			12/30/24	
Propachlor	0.095	0.50	ug/L	0.10	ND	95	70-130			12/30/24	
Simazine	0.066	1.0	ug/L	0.070	ND	94	70-130			12/30/24	
Thiobencarb	0.097	1.0	ug/L	0.10	ND	97	70-130			12/30/24	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	*0.88*			*1.0*		*88*	*70-130*			12/30/24	
Surrogate: Benzo(a)pyrene-d12	*0.93*			*1.0*		*93*	*70-130*			12/30/24	
Surrogate: Triphenyl Phosphate	*0.92*			*1.0*		*92*	*70-130*			12/30/24	
Duplicate (AHL1584-DUP1), Source: AHL2899-01											
Alachlor	ND	1.0	ug/L		ND				30	12/30/24	
Atrazine	ND	0.50	ug/L		ND				30	12/30/24	
Benzo(a)pyrene	ND	0.10	ug/L		ND				30	12/30/24	
Bis(2-ethylhexyl) adipate	ND	5.0	ug/L		ND				30	12/30/24	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 525.3 - Quality Control											
Batch: AHL1584										Prepared: 12/25/2024	
Prep Method: EPA 525.3										Analyst: RDH	
Duplicate (AHL1584-DUP1), Source: AHL2899-01											
Bis(2-ethylhexyl) phthalate	ND	3.0	ug/L		ND				30	12/30/24	
Bromacil	ND	10	ug/L		ND				30	12/30/24	
Butachlor	ND	0.38	ug/L		ND				30	12/30/24	
Diazinon	ND	0.25	ug/L		ND				30	12/30/24	
Dimethoate	ND	10	ug/L		ND				30	12/30/24	
Metolachlor	ND	0.50	ug/L		ND				30	12/30/24	
Metribuzin	ND	0.50	ug/L		ND				30	12/30/24	
Molinate	ND	2.0	ug/L		ND				30	12/30/24	
Propachlor	ND	0.50	ug/L		ND				30	12/30/24	
Simazine	ND	1.0	ug/L		ND				30	12/30/24	
Thiobencarb	ND	1.0	ug/L		ND				30	12/30/24	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	*0.80*			*0.95*		*85*	*70-130*			12/30/24	
Surrogate: Benzo(a)pyrene-d12	*0.83*			*0.95*		*88*	*70-130*			12/30/24	
Surrogate: Triphenyl Phosphate	*0.72*			*0.95*		*76*	*70-130*			12/30/24	
Matrix Spike (AHL1584-MS1), Source: AHL2924-01											
Alachlor	0.69	1.0	ug/L	0.76	ND	91	70-130			12/30/24	
Atrazine	0.34	0.50	ug/L	0.38	ND	88	70-130			12/30/24	
Benzo(a)pyrene	0.080	0.10	ug/L	0.076	ND	105	70-130			12/30/24	
Bis(2-ethylhexyl) adipate	1.5	5.0	ug/L	1.5	ND	95	70-130			12/30/24	
Bis(2-ethylhexyl) phthalate	2.1	3.0	ug/L	2.3	ND	93	70-130			12/30/24	
Bromacil	0.38	10	ug/L	0.38	ND	100	70-130			12/30/24	
Butachlor	0.38	0.38	ug/L	0.38	ND	99	70-130			12/30/24	
Diazinon	0.073	0.25	ug/L	0.076	ND	96	70-130			12/30/24	
Dimethoate	2.8	10	ug/L	3.1	ND	92	70-130			12/30/24	
Metolachlor	0.35	0.50	ug/L	0.38	ND	91	70-130			12/30/24	
Metribuzin	0.36	0.50	ug/L	0.38	ND	95	70-130			12/30/24	
Molinate	0.35	2.0	ug/L	0.38	ND	92	70-130			12/30/24	
Propachlor	0.35	0.50	ug/L	0.38	ND	92	70-130			12/30/24	
Simazine	0.23	1.0	ug/L	0.27	ND	87	70-130			12/30/24	
Thiobencarb	0.34	1.0	ug/L	0.38	ND	89	70-130			12/30/24	
Surrogate: 1,3-Dimethyl-2-nitrobenzene	*0.84*			*0.95*		*88*	*70-130*			12/30/24	
Surrogate: Benzo(a)pyrene-d12	*0.83*			*0.95*		*87*	*70-130*			12/30/24	
Surrogate: Triphenyl Phosphate	*0.87*			*0.95*		*91*	*70-130*			12/30/24	
EPA 531.1 - Quality Control											
Batch: AHL1237										Prepared: 12/19/2024	
Prep Method: EPA 531.1										Analyst: KMA	
Blank (AHL1237-BLK1)											
3-Hydroxycarbofuran	ND	3.0	ug/L							12/19/24	
Aldicarb	ND	3.0	ug/L							12/19/24	
Aldicarb Sulfone	ND	2.0	ug/L							12/19/24	
Aldicarb Sulfoxide	ND	3.0	ug/L							12/19/24	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 531.1 - Quality Control											
Batch: AHL1237										Prepared: 12/19/2024	
Prep Method: EPA 531.1										Analyst: KMA	
Blank (AHL1237-BLK1)											
Carbaryl	ND	5.0	ug/L							12/19/24	
Carbofuran	ND	5.0	ug/L							12/19/24	
Methomyl	ND	2.0	ug/L							12/19/24	
Oxamyl	ND	20	ug/L							12/19/24	
Blank Spike (AHL1237-BS1)											
3-Hydroxycarbofuran	3.7	3.0	ug/L	4.0	ND	92	80-120			12/19/24	
Aldicarb	1.8	3.0	ug/L	2.0	ND	89	80-120			12/19/24	
Aldicarb Sulfone	2.9	2.0	ug/L	3.2	ND	91	80-120			12/19/24	
Aldicarb Sulfoxide	1.8	3.0	ug/L	2.0	ND	91	80-120			12/19/24	
Carbaryl	3.8	5.0	ug/L	4.0	ND	94	80-120			12/19/24	
Carbofuran	3.3	5.0	ug/L	3.6	ND	91	80-120			12/19/24	
Methomyl	3.7	2.0	ug/L	4.0	ND	91	80-120			12/19/24	
Oxamyl	3.7	20	ug/L	4.0	ND	92	80-120			12/19/24	
Blank Spike Dup (AHL1237-BSD1)											
3-Hydroxycarbofuran	3.7	3.0	ug/L	4.0	ND	92	80-120	0	20	12/19/24	
Aldicarb	1.8	3.0	ug/L	2.0	ND	88	80-120	1	20	12/19/24	
Aldicarb Sulfone	2.9	2.0	ug/L	3.2	ND	91	80-120	0	20	12/19/24	
Aldicarb Sulfoxide	1.8	3.0	ug/L	2.0	ND	91	80-120	0	20	12/19/24	
Carbaryl	3.8	5.0	ug/L	4.0	ND	94	80-120	0	20	12/19/24	
Carbofuran	3.3	5.0	ug/L	3.6	ND	91	80-120	0	20	12/19/24	
Methomyl	3.7	2.0	ug/L	4.0	ND	93	80-120	1	20	12/19/24	
Oxamyl	3.7	20	ug/L	4.0	ND	92	80-120	1	20	12/19/24	
Matrix Spike (AHL1237-MS1), Source: SHL0318-01											
3-Hydroxycarbofuran	3.7	3.0	ug/L	4.0	ND	93	65-135			12/19/24	
Aldicarb	1.8	3.0	ug/L	2.0	ND	89	65-135			12/19/24	
Aldicarb Sulfone	3.0	2.0	ug/L	3.2	ND	92	65-135			12/19/24	
Aldicarb Sulfoxide	1.9	3.0	ug/L	2.0	ND	93	65-135			12/19/24	
Carbaryl	3.7	5.0	ug/L	4.0	ND	92	65-135			12/19/24	
Carbofuran	3.3	5.0	ug/L	3.6	ND	91	65-135			12/19/24	
Methomyl	3.6	2.0	ug/L	4.0	ND	91	65-135			12/19/24	
Oxamyl	3.7	20	ug/L	4.0	ND	93	65-135			12/19/24	
EPA 547 - Quality Control											
Batch: AHL1623										Prepared: 12/26/2024	
Prep Method: EPA 547										Analyst: JNG	
Blank (AHL1623-BLK1)											
Glyphosate	ND	25	ug/L							12/26/24	
Surrogate: AMPA	*220*			*200*		*108*	*70-130*			12/26/24	
Blank Spike (AHL1623-BS1)											

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 547 - Quality Control											
Batch: AHL1623										Prepared: 12/26/2024	
Prep Method: EPA 547										Analyst: JNG	
Blank Spike (AHL1623-BS1)											
Glyphosate	99	25	ug/L	100	ND	99	70-130			12/26/24	
Surrogate: AMPA	*210*			*200*		*103*	*70-130*			12/26/24	
Blank Spike Dup (AHL1623-BSD1)											
Glyphosate	100	25	ug/L	100	ND	102	70-130	3	30	12/26/24	
Surrogate: AMPA	*210*			*200*		*107*	*70-130*			12/26/24	
Matrix Spike (AHL1623-MS1), Source: SHL0407-01											
Glyphosate	100	25	ug/L	100	ND	103	70-130			12/26/24	
Surrogate: AMPA	*200*			*200*		*100*	*70-130*			12/26/24	
Matrix Spike Dup (AHL1623-MSD1), Source: SHL0407-01											
Glyphosate	100	25	ug/L	100	ND	103	70-130	0	30	12/26/24	
Surrogate: AMPA	*200*			*200*		*99*	*70-130*			12/26/24	
EPA 548.1 - Quality Control											
Batch: AHL1392										Prepared: 12/22/2024	
Prep Method: EPA 548.1										Analyst: RDH	
Blank (AHL1392-BLK1)											
Endothall	ND	45	ug/L							12/23/24	
Blank Spike (AHL1392-BS1)											
Endothall	4.8	45	ug/L	5.0	ND	97	19-121			12/23/24	
Blank Spike Dup (AHL1392-BSD1)											
Endothall	4.8	45	ug/L	5.0	ND	97	19-121	0	30	12/23/24	
Matrix Spike (AHL1392-MS1), Source: AHL2865-01											
Endothall	3.8	45	ug/L	5.0	ND	77	10-113			12/23/24	
Matrix Spike (AHL1392-MS2), Source: AHL3046-04											
Endothall	1.2	45	ug/L	5.0	ND	24	10-113			12/23/24	
EPA 549.2 - Quality Control											
Batch: AHL1315										Prepared: 12/19/2024	
Prep Method: EPA 549.2										Analyst: YNV	
Blank (AHL1315-BLK1)											
Diquat	ND	4.0	ug/L							12/23/24	
Blank Spike (AHL1315-BS1)											
Diquat	0.84	4.0	ug/L	1.0	ND	84	70-130			12/23/24	
Blank Spike Dup (AHL1315-BSD1)											

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 549.2 - Quality Control											
Batch: AHL1315										Prepared: 12/19/2024	
Prep Method: EPA 549.2										Analyst: YNV	
Blank Spike Dup (AHL1315-BSD1)											
Diquat	0.88	4.0	ug/L	1.0	ND	88	70-130	6	30	12/23/24	
Matrix Spike (AHL1315-MS1), Source: AHL2563-02											
Diquat	0.61	4.0	ug/L	1.0	ND	61	70-130			12/23/24	MS1.0 *Low*
Matrix Spike Dup (AHL1315-MSD1), Source: AHL2563-02											
Diquat	0.67	4.0	ug/L	1.0	ND	67	70-130	9	30	12/23/24	MS1.0 *Low*

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Certificate of Analysis

Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Field tests are outside the scope of laboratory accreditation and there is no certification available for field testing.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method, all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.
- (2) - Formerly known as Bis(2-Chloroisopropyl) ether.

Unless otherwise noted, TOC results by SM 5310C method do not include purgeable organic carbon, which is removed along with the inorganic carbon interference. The POC contribution to TOC is considered to be negligible.

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Definitions

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected below MRL/MDL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	PicoCuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit	U:	The analyte was not detected at or above the reported sample quantitation limit.

Please see the individual Subcontract Lab's report for applicable certifications.

The following parameters are not available for certification through CA ELAP:

Odor Diisopropyl ether (DIPE) by EPA 524.2

The following parameters are calculated values and are outside the scope of our NELAP accreditation:

Total Nitrogen Aggressive Index Trivalent Chromium

BSK is not accredited under the NELAP program for the following additional parameters: **NA**

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Certificate of Analysis

Certifications: **Please refer to our website for a copy of our Accredited Fields of Testing under each certification.**

Fresno

State of California - ELAP	1180	State of Hawaii	4021
Los Angeles CSD	9254479	NELAP certified	4021-023
State of Nevada	NV-C24-00233	State of Oregon - NELAP	4021-023
EPA UCMR5	CA00079	State of Washington	C997-24b

Sacramento

State of California - ELAP	1180-S1

San Bernardino

State of California - ELAP	1180-S2	Los Angeles CSD	9254478
NELAP certified	4119-009	State of Oregon - NELAP	4119-009

Vancouver

NELAP certified	WA100008-019	State of Oregon - NELAP	WA100008-019
State of Washington	C824-24		

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BSK Associates BSK-SR-0002-00

AHL2899 Verit8315 12/18/2024

Sample Integrity

BSK Bottles: Yes No Page 1 of 1

COC Info

Was temperature within range? Chemistry ≤ 6°C Micro < 8°C	Yes No NA	Were correct containers and preservatives received for the tests requested?	Yes No
If samples were taken today, is there evidence that chilling has begun?	Yes No NA	Bubbles Present VOAs (524.2/TTHM/TCP)? TB Received? (Check Method Below)	Yes No NA / Yes No NA
Did all bottles arrive unbroken and intact?	Yes No	Was a sufficient amount of sample received?	Yes No
Did all bottle labels agree with COC?	Yes No	**Do samples have a hold time <72 hours?**	Yes No
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes NA	Was PM notified of discrepancies? PM: dt: email scan copy	Yes No NA

Bottles Received

"—" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?	
Bacti $Na_2S_2O_3$	—	—	
None (P) White Label	—	—	
Cr6 (P) Lt. Green Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **DW**	**Cl, pH > 8**	P F	
Cr6 (P) Pink Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **WW**	pH 9.3-9.7	P F	
Cr6 (P) Black Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **7199** ~~24 HOUR HOLD TIME~~	**pH 9.0-9.5**	P F	
HNO_3 (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label	—	—	
H_2SO_4 (P) or (AG) Yellow Label	**pH < 2**	P F	
NaOH (P) Green Cap/Label	Cl, pH >10	P F	
NaOH + ZnAc (P)	**pH > 9**	P F	
Dissolved Oxygen 300ml (g)	—	—	
None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—	
HCl (AG) Lt. Blue Label O&G, Diesel, TCP	—	—	
Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525	—	—	2C
Na_2SO_3 250mL (AG) Neon Green Label 515	—	—	1A
$Na_2S_2O_3$ 1 Liter (Brown P) 549	—	—	1C
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	—	—	1A
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	—	—	2N
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	P F	1N
NH_4Cl (AG) Purple Label 552	—	—	
EDA (P) or (AG) Brown Label DBPs	—	—	
HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624	—	—	
Buffer pH 4 (CG)	—	—	
H_3PO_4 (CG) Salmon Label	—	—	
Trizma – EPA 537.1 Light Blue Label **FB**	—	—	
Ammonia Acetate - EPA 533 Purple Label **FB**	—	—	
Bottled Water	—	—	
Clear Glass: Jar / VOA	—	—	
OTHER:	—	—	
OTHER:	—	—	

12/18/24

Split

	Container	Preservative	Lot #	Initials	Date/Time
S P					
S P					

Preservation Check
pH Lot # AH09944
Cl Lot # AH11377

Comments

*Preservation check completed by lab performing analysis.

✓ **Indicates Blanks Received**

504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP ___

✓ **MS/MSD Received Method:** _____

Labeled by: **Checked by:**

Scanned: _____ Rush/Short HT Page: _____ Time: _____

Veritas Laboratories

Truth in Quality, Truth in Service

Phone: (702) 321-8315 Fax: (702) 597-2098

AHL2899 Verit8315 12/18/2024

10

Company Name:	Veritas Laboratories	Telephone:	(702) 321-8315
Address:	6245 Harrison Drive, Suite 4 Las Vegas, NV 89120	Fax: Email:	(702) 597-2098 veritaslaboratories@gmail.com
Attention:	Bruce Cunningham	Project Name:	Escapee's Co Op
Invoice To:	Same as Above	Project Number	V24L173

Client Sample Identification	Lab ID #	Sampled Date	Sampled Time	Composite	Grab	Matrix Code[1]	EPA 504	EPA 505	EPA 515	EPA 525.3	EPA 531	EPA 547	EPA 548	EPA 549	Perchlorate	Comments
V24L178-01		12/16/24	11:30AM		✓	DW	✓	✓	✓	✓	✓	✓	✓	✓		

Total # of Containers: 3 3 1 2 1 1 1 1

Preservation[2]: T T T O T/O T T T

Container Code[3]: V V AG AG V V AG AP

Container Code: A=Amber, G=Glass, P=Plastic, ST=Sterile, V=VOA Vial, Z=Ziploc Bag, W=Wipe, O=Other

12/18/24

Relinquished by: (Signature)	Date/Time:	Turnaround Time:	[1]Matrix Code	[2]Preservation Codes	Received Temperature:
	12/17/24 16:00	☐ 24 Hours ☐ 48 Hours ☐ 72 Hours ☑ Normal ☐ Other	GW=Groundwater WW=Wastewater DW=Drinking Water A=Air S=Soil/Solid SL=Sludge OL=Organic Liquid W=Wipe O=Other	I=Iced H=HCL N=HNO_3 S=H_2SO_4 X=NaOH T=$Na_2S_2O_3$ O=Other NO=None	2.4°C #69
Received by: (Signature)	Date/Time:				Received in Good Condition? Yes/No
Relinquished by: (Signature)	Date/Time:				
Received by: (Signature)	Date/Time: 12/18/24 10:57	Date Needed			Custody Seals? Yes/No

Sent to BSK via UPS

CHAIN OF CUSTODY

Page 1 of 1

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171
gel.com

January 10, 2025

Mr. Bruce Cunningham
Veritas Laboratories
6245 Harrison Drive #4
Las Vegas, Nevada 89120

Re: Routine Analysis
Work Order: 701515 Broadbent & Associates, Escapee's Co-Op, PWS# NV0002552

Dear Mr. Cunningham:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on December 19, 2024. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

The sample was delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 1614.

Sincerely,

Abagail Martin for
Delaney Stonesmith
Project Manager

Enclosures

problem solved

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

VERI001 Veritas Laboratories

Client SDG: 701515 GEL Work Order: 701515

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Delaney Stonesmith.

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Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: January 10, 2025

Company : Veritas Laboratories
Address : 6245 Harrison Drive #4

Las Vegas, Nevada 89120
Contact: Mr. Bruce Cunningham
Project: Routine Analysis

Client Sample ID: V24L178-01 Escapee's Tap 1 (Blend WO3 & WO4)
Sample ID: 701515001
Matrix: Drinking Water (Potable)
Collect Date: 16-DEC-24 11:30
Receive Date: 19-DEC-24
Collector: Client

Project: VERI00105
Client ID: VERI001

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
EPA 904.0 Radium-228 in Drinking Water "As Received"												
Radium-228	U	ND	0.748	1.00	pCi/L			ST2	01/09/25	1138	2724986	1
Gross Alpha/Beta in Drinking Water EPA 900.0 "As Received"												
Alpha	U	ND	2.51	3.00	pCi/L			CH7	01/02/25	1455	2725878	2
Beta	U	ND	2.80	4.00	pCi/L							
Rad Radium-226												
Radium-226 in Drinking Water EPA 903.1 (De-emanation) "As Received"												
Radium-226	U	ND	0.189	1.00	pCi/L			MJ2	01/08/25	0837	2726723	3

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 904.0/ EPA 9320	
2	EPA 900.0	
3	EPA 903.1	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Yttrium Carrier	EPA 904.0 Radium-228 in Drinking Water "As Received"			67.8	(25%-125%)
Barium Carrier	EPA 904.0 Radium-228 in Drinking Water "As Received"			92	(25%-125%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

QC Summary

Report Date: January 10, 2025

Veritas Laboratories
6245 Harrison Drive #4
Las Vegas, Nevada

Contact: Mr. Bruce Cunningham

Workorder: 701515

Parmname			NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow													
Batch	2724986												
QC1205958365	701761001	DUP											
Radium-228				U	0.115	U	-0.0462	pCi/L	N/A		N/A	ST2	01/09/25 13:0
QC1205958367		LCS											
Radium-228			3.81				4.37	pCi/L		115	(80%-120%)		01/09/25 11:3
QC1205958364		MB											
Radium-228						U	0.282	pCi/L					01/09/25 11:3
QC1205958366	701761001	MS											
Radium-228			7.63	U	0.115		9.61	pCi/L		126	(70%-130%)		01/09/25 11:3
Batch	2725878												
QC1205960173	701515001	DUP											
Alpha				U	1.41	U	2.32	pCi/L	N/A		N/A	CH7	01/02/25 14:5
Beta				U	2.22	U	2.66	pCi/L	N/A		N/A		
QC1205960176		LCS											
Alpha			9.96				9.63	pCi/L		96.7	(80%-120%)		01/02/25 14:5
Beta			23.7				25.4	pCi/L		107	(80%-120%)		
QC1205960172		MB											
Alpha						U	-0.242	pCi/L					01/02/25 14:5
Beta						U	-0.494	pCi/L					

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QC Summary

Workorder: 701515

Parmname	NOM		Sample	Qual	QC	Units	RPD%		REC%	Range	Anlst	Date Time
Rad Gas Flow												
Batch 2725878												
QC1205960174 701515001 MS												
Alpha	26.4	U	1.41		17.7	pCi/L			67.2	* (70%-130%)	CH7	01/02/25 14:5
Beta	62.7	U	2.22		71.2	pCi/L			114	(70%-130%)		
QC1205960175 701515001 MSD												
Alpha	25.6	U	1.41		25.9	pCi/L	37.7	*	101	(0%-20%)		01/02/25 14:5
Beta	61.0	U	2.22		70.2	pCi/L	1.48		115	(0%-20%)		
Rad Ra-226												
Batch 2726723												
QC1205961989 701851001 DUP												
Radium-226		U	0.0439	U	0.117	pCi/L	N/A			N/A	MJ2	01/08/25 09:4
QC1205961991 LCS												
Radium-226	13.7				12.8	pCi/L			93.3	(90%-110%)		01/08/25 09:4
QC1205961988 MB												
Radium-226				U	-0.0114	pCi/L						01/08/25 09:4
QC1205961990 701851001 MS												
Radium-226	27.4	U	0.0439		24.9	pCi/L			90.8	(80%-120%)		01/08/25 09:4

Notes:

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- H Analytical holding time was exceeded
- < Result is less than value reported
- > Result is greater than value reported
- UI Gamma Spectroscopy--Uncertain identification

QC Summary

Workorder: 701515

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

BD	Results are either below the MDC or tracer recovery is low
h	Preparation or preservation holding time was exceeded
R	Sample results are rejected
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
N/A	RPD or %Recovery limits do not apply.
ND	Analyte concentration is not detected above the detection limit
M	M if above MDC and less than LLD
NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
FA	Failed analysis.
UJ	Gamma Spectroscopy--Uncertain identification
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.
N1	See case narrative
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.
**	Analyte is a Tracer compound
M	REMP Result > MDC/CL and < RDL
x	Subaliquot was taken. See Case Narrative for details.

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N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Product: **EPA 904.0 Radium-228 in Drinking Water**
Analytical Method: EPA 904.0/ EPA 9320
Analytical Procedure: GL-RAD-A-030 REV# 21
Analytical Batch: 2724986

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
701515001	V24L178-01
1205958364	Method Blank (MB)
1205958365	701761001(NonSDG) Sample Duplicate (DUP)
1205958366	701761001(NonSDG) Matrix Spike (MS)
1205958367	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Recounts
Sample 1205958365 (Non SDG 701761001DUP) was recounted due to high relative percent difference/relative error ratio. The recount is reported.

Product: **Gross Alpha/Beta in Drinking Water EPA 900.0**
Analytical Method: EPA 900.0
Analytical Procedure: GL-RAD-A-001D REV# 4
Analytical Batch: 2725878

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
701515001	V24478-01
1205960172	Method Blank (MB)
1205960173	701515001(V24478-01) Sample Duplicate (DUP)
1205960174	701515001(V24478-01) Matrix Spike (MS)
1205960175	701515001(V24478-01) Matrix Spike Duplicate (MSD)
1205960176	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS) Recovery
Matrix Spike did not meet the recovery requirement; however the Matrix Spike Duplicate did meet the recovery requirement. The Matrix Spike and Matrix Spike Duplicate also meet the relative error ratio requirement.

Sample	Analyte	Value
1205960174 (V24L178-01MS)	Alpha	67.2* (70%-130%)

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Duplication Criteria between MS and MSD
The Matrix Spike and Matrix Spike Duplicate, (See Below), did not meet the relative percent difference requirement; however, they do meet the relative error ratio requirement with the value listed below.

Sample	Analyte	Value
1205960174MS and 1205960175MSD (V24L178-01)	Alpha	RPD 37.7* (0%-20%) RER 1.7 (0-2)

Technical Information

Gross Alpha/Beta Preparation Information
None of the samples have been flamed.

Product: Radium-226 in Drinking Water EPA 903.1 (De-emanation)
Analytical Method: EPA 903.1
Analytical Procedure: GL-RAD-A-028 REV# 20
Analytical Batch: 2726723

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
701515001	V24478-01
1205961988	Method Blank (MB)
1205961989	701851001(NonSDG) Sample Duplicate (DUP)
1205961990	701851001(NonSDG) Matrix Spike (MS)
1205961991	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

List of current GEL Certifications as of 10 January 2025

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approv	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

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701515

Veritas Laboratories
Truth in Quality, Truth in Service
6245 Harrison Drive, Suite 4
Las Vegas, NV 89120
Phone: (702) 321-8315 Fax: (702) 597-2098
Email: veritaslabs@msn.com

Company Name:	Veritas Laboratories	Telephone:	(702) 321-8315
Address:	6245 Harrison Drive, Suite 4 Las Vegas, NV 89120	Fax:	(702) 597-2098
		Email:	veritaslabs@gmail.com
Attention:	Bruce Cunningham	Project Name:	Escapee's Co-Op
Invoice To:	Same as Above	Project Number	V24L178

Client Sample Identification	Lab ID #	Sampled Date	Sampled Time	Com-posite	Grab	Matrix Code[1]	Rads Gross Alpha	Rads Radium 226	Rads Radium 228	Total # of Containers	Preservation[2]	Container Code[3]	Comments
							1	1	1				
							N	N	N				
							P	P	P				
V24L178-01		12/16/24	11:30AM		✓	DW	✓	✓	✓				

[3]Container Code
A=Amber
G=Glass
P=Plastic
ST=Sterile
V=VOA Vial
T=Tedlar Bag
W=Wipe
O=Other

Relinquished by: (Signature)	Date/Time: 12/18/24 16:00	Turnaround Time:	[1]Matrix Code	[2]Preservation Codes	Received Temperature:
Received by: (Signature)	Date/Time: 12/19/24 1445	☐ 24 Hours ☐ 48 Hours ☐ 72 Hours ✓ Normal ☐ Other	GW=Groundwater WW=Wastewater DW=Drinking Water A=Air S=Soil/Solid SL=Sludge OL=Organic Liquid W=Wipe O=Other	I=Iced H=HCL N=HNO_3 S=H_2SO_4 X=NaOH T=$Na_2S_2O_3$ O=Other NO=None	14 °C Received in Good Condition? Yes/No
Relinquished by: (Signature)	Date/Time:				Custody Seals? Yes/No
Received by: (Signature)	Date/Time:	Date Needed			

Sent to GEL **via** UPS

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Page 1 **of** 1

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: VERI	SDG/AR/COC/Work Order: 701515 D.S.
Received By: Thyasia Tatum	Date Received: 12/19/24
Carrier and Tracking Number	Circle Applicable: FedEx Express FedEx Ground (UPS) Field Services Courier Other 1Z 7605 4F16 A2 9620 7316

Suspected Hazard Information	Yes	No	
			*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	[redacted]
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM / mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Did the client designate samples are hazardous?		✓	[redacted]
E) Did the RSO identify possible hazards?		✓	If D or E is yes, select Hazards below. PCB's Flammable Foreign Soil RCRA Asbestos Beryllium Other:

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	Samples requiring cold preservation within (0 ≤ 6 deg. C)?*			✓	Preservation Method: Wet Ice Ice Packs Dry ice (None) Other: *all temperatures are recorded in Celsius TEMP: 10°C
4	Daily check performed and passed on IR temperature gun?	✓			Temperature Device Serial #: IR2-23 Secondary Temperature Device Serial # (If Applicable):
5	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
6	Samples requiring chemical preservation at proper pH?	✓			Sample ID's and Containers Affected: If Preservation added, Lot#:
7	Do any samples require Volatile Analysis?			✓	If Yes, are Encores or Soil Kits present for solids? Yes___ No___ NA___(If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes___ No___ NA___(If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA___ Sample ID's and containers affected:
8	Samples received within holding time?	✓			ID's and tests affected:
9	Sample ID's on COC match ID's on bottles?	✓			ID's and containers affected:
10	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
11	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Other (describe)
12	Are sample containers identifiable as GEL provided by use of GEL labels?			✓	
13	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments (Use Continuation Form if needed):

PM (or PMA) review: Initials AM Date 12/24/24 Page 1 of 1

GL-CHL-SR-001 Rev 7

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(702) 321-8315 Phone
(702) 597-2098 Fax
Email: veritaslabs@msn.com

Veritas Lab Order ID: V24L178

Company: Broadbent & Associates, Inc.	Telephone: 702-563-0600
Address: 8 W. Pacific Ave, Henderson, NV 89015	Fax:
	Email: broadbentlabresults@broadbentinc.com
Attention: James Osmond	Project Name/Project Number: Escapee's Co-op NV0002552
Invoice To: accountspayable@broadbentinc.com	
Sampled By: James Osmond	P.O. Number: 19-12-116

Client Sample Identification	Veritas Sample Identification	Date Sampled	Time Sampled	Composite	Grab	Matrix Code[1]	SOCs Phase 2+5	Rads Gross Alpha	Rads Radium 226/228	Total # of Containers	Preservation Code[2]	Container Code[3]
Escapee's Tap 1 (Blend two-way)	V24L178-01	12/16/24	1130		X	DW	X	X	X	1	1	1

ATTESTATION OF AUTHORITY
By signing this Chain of Custody, the sampler attests to the validity and authenticity of this (these) samples. Sampler is aware that tampering with or intentionally mislabeling the sample(s) location, date, or time of collection may be considered fraud and subject to legal action.

For Drinking Water Only: For Compliance? Yes

Comments

All Data Reported on a Wet-Weight Basis Unless Otherwise Specified

Relinquished by: (Signature)	Date/Time: 12/16/24 1600
Received by: (Signature)	Date/Time: 12/16/24 16:00
Relinquished by: (Signature)	Date/Time:
Received by: (Signature)	Date/Time:

Turnaround Time:
___ Same Day
___ 1 Day
___ 2 Days
___ 3 Days
_X_ 5 Days (Normal)
___ Other

Date Needed

[1]Matrix Code
GW=Groundwater
WW=Wastewater
DW=Drinking Water
S=Soil/Solid
SL=Sludge
OL=Organic Liquid
A=Air
W=Wipe
O=Other

[2]Preservation Code
I=Iced
H=HCL
N=HNO_3
S=H_2SO_4
X=NaOH
T=$Na_2S_2O_3$
Z=ZnAc
NO=None
O=Other

[3]Container Code
A=Amber
G=Glass
P=Plastic
ST=Sterile
V=VOA Vial
T=Tedlar Bag
W=Wipe
O=Other

For Lab Use Only
Samples Received On Ice? Yes/No 0
Temperature 0.0 °C
Temperature in Compliance? Yes/No

CHAIN OF CUSTODY

WORK ORDER Printed: 12/17/2024 5:26:17PM

V24L178

Veritas Laboratories

Client:	**Broadbent and Associates**	**Project Manager:**	**Bruce Cunningham**
Project:	**Escapee's Co-Op**	**Project Number:**	**PWS NV0002552**

Report To:
Broadbent and Associates
James Ormerod
8 W. Pacific Ave
Henderson, NV 89015

Date Due:	Dec-23-2024 17:00 (5 day TAT)		
Received By:	Monica Lopez	Date Received:	Dec-16-2024 16:00
Logged In By:	Monica Lopez	Date Logged In:	Dec-16-2024 18:05

Samples Received at: 0.6°C

Custody Seals?	No	Received On Ice?	Yes	Preservation Reqd (Metals, VOCs, TPH, Amm., etc.)?	Yes
COC Signed When Relinquished/Received?	Yes	Temperature In Compliance?	Yes	If Preserved Was pH Checked (VOAs After Analysis)?	Yes
Samplers Name on COC?	Yes	COC/Labels Agree?	Yes	Micro. Samples (No Preservation)?	No
Proper & Intact Container/Sufficient Volume?	Yes	Recd in Hold. Time (15 min. for pH, Chlorine, DO)?	Yes	Soil Samples (No Preservation)?	No
Samples In Compliance? If No, See Comments	Yes	If VOA Vials, Have Headspace? If Yes, See Comment	No		

Analysis	Due	TAT	Comments
V24L178-01 Tap 1 (Blend W03+W04) [Aqueous] Sampled Dec-16-2024 11:30			
SOCs PH. II & V (BSK)	Dec-23-2024 17:00	5	

RECEIVED
2025 JUN -2 PM 1:03
STATE ENGINEER'S OFFICE

BSK Associates

V24L178-01 Tap 1 (Blend W03+W04) [Aqueous] Sampled Dec-16-2024 11:30			
549 (BSK)	Dec-23-2024 17:00	5	
548 (BSK)	Dec-23-2024 17:00	5	
547 (BSK)	Dec-23-2024 17:00	5	
531 (BSK)	Dec-23-2024 17:00	5	
525.3 (BSK)	Dec-23-2024 17:00	5	
515 (BSK)	Dec-23-2024 17:00	5	
505 (BSK)	Dec-23-2024 17:00	5	
504 (BSK)	Dec-23-2024 17:00	5	

General Engineering Labs

V24L178-01 Tap 1 (Blend W03+W04) [Aqueous] Sampled Dec-16-2024 11:30			
Radium 228	Dec-23-2024 17:00	5	
Radium 226	Dec-23-2024 17:00	5	
Gross Alpha	Dec-23-2024 17:00	5	

Analysis groups included in this work order

SOCs PH. II & V (BSK)

549 (BSK)	548 (BSK)	547 (BSK)	531 (BSK)
525.3 (BSK)	515 (BSK)	505 (BSK)	504 (BSK)

Reviewed By B. G. Date 12/17/24

EFFEX
NALYTICAL SERVICES
965 HARRISON DR., STE #8
AS VEGAS, NV 89120
'02) 367-1187 FAX 367-3031

LABORATORY REPORT

Client: Broadbent and Associates
8 W Pacific Ave
Henderson, NV 89015

Attention: Dustins Stephens

Project Name-Location Escapee's Co-op NV0002552

Sampled By: James Ormerod

Relinquished By James Omerod

Authorized By: D. Stephens

Sample No. 2340743

Date: 03/08/24

BSDW/SDWA Compliance ☑

CWA/NDEP/SNHD/Other Compliance ☐

Not for Compliance ☐

Date: 03/06/24

Date: 03/06/24

NV EPA Cert NV00018

ANALYTICAL RESULTS

Lab I.D.	Parameter	Method	Source/Client ID	Sampled(Hrs.)	Date Analyzed	Result	State Limit
.01	Total Coliform/E. Coli, P/A	IDEXX Colilert	Escapees Co-op Tap 2	1400	03/06/24	Absent/Absent	Absent
.02	Nitrate as N, mg/L	SM 4500-NO3- E.	Tap 1 WO3, WO4 Blend	1418	03/06/24	<2.5	10.0

RECEIVED
2025 JUN -2 PM 1:03
STATE ENGINEER'S OFFICE

cc: Bureau of Safe Drinking Water
901 S. Stewart St., Suite 4001
Carson City, NV 89701-5405
Fax: (775) 687-5699

NEVADA CERTIFIED • EFFEX • NOT VALID WITHOUT SEAL

This report is not valid without seal

Approved By

Reviewed By:

Xavier Suarez// Laboratory Director

EFFEX
ANALYTICAL SERVICES

Page _1_ of _1_ CHAIN OF CUSTODY

Turnaround Time 1 2 3 5 10
RUSH SERVICE - ADDITIONAL FEES MAY APPLY STANDARD

Due Date

5965 Harrison Drive, Suite 8, Las Vegas, Nevada 89120 Phone: (702) 367-1187 Fax: (702) 367-3031 Email: contact@effexlab.com Web: effexlab.com

Client: Broadbent & Associates Inc phone: (702)563-0600 fax/email: dstephens@broadbentinc.com

Address: 8 W. Pacific Ave Henderson, NV 89015 city state zip

Attention: ~~C. Korby~~ J. Ormerod Authorized By: ~~C. Korby~~ J. Ormerod

Location: Escapees Co-op Of Nevada PO#19-12-110

PWS or Permit No.: NV0002552 NV Compliance: ■ Yes ☐ No A box must be selected

Sampled By Sampler's Signature Date(s) Sampled: Start 3/6/2024 End Date

Sampler's attestation: I understand that tampering or intentionally mislabeling the sampling location date, and/or time of collection may be considered fraud and subject to the provisions of NAC 445A.0642.

Time(s) Sampled	Sampling Method	Matrix	Bottle Type	Source	Sample Number	Lab I.D.	Remarks	Parameter(s): Total Coliform	Parameter(s): Nitrate	pH	Preservative
1406	G	DW	P	Escapee's Co-op Tap 2	2340743	1	Cl2: 0.74 mg/L	X		Laboratory only	f
1418	G	DW	P	Tap 1 - WO3 WO4 Blend		2			X		h

a. HCl
b. HNO_3
c. H_2SO_4
d. NaOH
e. Cool 4 °C
f. $Na_2S_2O_3$
g. Other
h. None

Sampling Method: G – grab C – composite **Matrix:** A – aqueous DW – drinking water OL – oil SD – solid SG – sludge SO – soil WW – wastewater OT – other **Bottle Type:** G – glass P – plastic

Custody Seal Intact ☐ yes ☐ no ☐ none **Condition** ☐ good ☐ as noted **Temperature** 6 °C **On Ice** ☑ yes ☐ no

If sample is out of temp and not on ice when received in lab ☐ analyze per client ☐ do not analyze per client initials

	Printed Name	Signature	Company	Date	Time	In Lab
Relinquished By:	Jonas Ormerod		Broadbent	3/6/24	1655	yes no
Received By:	Xavier Suarez		EFFEX	3/6/24	1655	(yes) no
Relinquished By:						yes no
Received By:						yes no

Samples are discarded after analysis unless other arrangements are made with client. Hazardous samples are returned to client or disposed of at client expense.