MVE, Inc.

August 20, 2020

Benet Hill Monastery of Colorado Springs, Inc.
3190 Benet Lane
Colorado Springs, CO 80921

Re: ***Water Supply for Sanctuary of Peace Filing No. 1***
Project No. 61087

Dear Benet Hill Monastery:

The following describes the water supply to serve the proposed Sanctuary of Peace residential community located on approximately 49.58 acres being a portion of the SE1/4 & SW1/4 Section 27, T11S, R66W of the 6th P.M., El Paso County, Colorado (Subject Property).

The Sanctuary of Peace residential community will be composed of 27 single-family residential lots, 4 tracts with a private access road, parking, landscaping, three (3) full spectrum sand filter basins and four (4) Onsite Wastewater Treatment Systems. The residential structures are single-family attached, so that the proposed development will have 13 single-family-attached structures (26 residential units) on 26 lots and one (1) Private Sanctuary Club House Building on one (1) lot. These lots are clustered on 3.09 acres, 0.69 acres of paved roads and other improvements, totaling 5.15 acres which is to be developed out of the parcel's total acreage of 49.58 acres. Planned housing types include single story one (1) and two (2) bedroom attached units. The plan proposes 14 one-bedroom, 12 two-bedroom single-story residences, and one (1) private Sanctuary Club House having 4 guest bedrooms for use by guests of property owners within the development.

This letter is based on a decree entered in Consolidated Case Nos. 18CW3019, and c/r 18CW3040, Div. 1 (decree/copy attached). The decree establishes the right to one central/communal well which is designated "Benet Well No. 1" in the decree. This well has been constructed on the property in accordance with Colorado Division of Water Resources Well Permit Number 83885-F, which was issued on December 11, 2020 (Permit/copy attached). The well is located on the Applicant's Property at a specific location approximately 140 feet south of Benet Lane and approximately 1110 feet west of Highway 83 into the not-nontributary Dawson aquifer for use as a central water supply to communal development of a portion on Applicant's property. The system was designed by a Colorado registered professional engineer and has been reviewed by the State of Colorado Department of Public Health and Environment (CDPHE). CDPHE has issued a letter finding that the design is in conformance with the current requirements of the New Public Water System Capacity Planning Manual and the State of Colorado Design Criteria For Potable Water Systems. Proposed wastewater treatment will be by non-evaporative septic leach field systems installed and operated as described in a separate wastewater disposal report. The wastewater disposal system is key to maintaining compliance with the provisions of said decree.

The decreed plan for augmentation uses the nontributary water rights in the Arapahoe and Laramie-Fox Hills aquifers, and approves a plan for augmentation for use of the Dawson aquifer well to serve each lot for a minimum 300 year water supply period.

AMOUNTS DECREED AND AVAILABLE

The decreed amount of Dawson aquifer groundwater is not-nontributary, and the decreed amount of Laramie-Fox Hills aquifer groundwater is nontributary. The following annual amount is decreed and is based on annual withdrawals over a 300 year period (one acre-foot is 325,851 gallons):

Depletions caused by pumping water from the Dawson aquifer shall be replaced as provided and decreed. Annual withdrawals from the Dawson aquifer shall not exceed 8.37 acre feet (2,727,373 gallons) per Benet Well No.1, nor more than 8.37 acre feet total. The State or Division Engineer shall curtail the pumping of more than those amounts from the Dawson aquifer. Applicants shall also reserve 1,414 acre-feet of their nontributary Laramie-Fox Hills aquifer and 1087 acre-feet of water from the nontributary Arapahoe aquifer water rights for the replacement of post-pumping depletions. The remaining 282 acre feet of Laramie-Fox Hills aquifer water rights will also be reserved, to serve as a source of water for Applicants' wells for 50 years after the expiration of the augmentation plan, as required to meet El Paso County's 300 year water requirement for approval of subdivisions utilizing non-renewable water resources for their source of water supply.

WATER SUPPLY

The residential lots (up to twenty-six potential as assumed in the Decree) will be served by individual not nontributary Dawson aquifer wells to be permitted and to operate pursuant to an augmentation plan as approved in the Decree. The Decree allows Benet Well No.1 to pump 8.37 acre feet of water from the Dawson aquifer annually for 300 years for the following uses:

A. Household Use Only:	5.3 acre-feet per year
B. Landscape Irrigation	1.3 acre-feet per year limited to irrigation of 26,000 square feet of landscape irrigation
C. Community Building (Inside Use)	0.13 acre-feet per year
D. Common Garden	1.64 acre-feet per year

The water supply for the residential lots using Benet Well No.1 pursuant to the augmentation plan approved in the Decrees is sufficient and satisfies the 300 year supply requirement of El Paso County.

WATER QUALITY

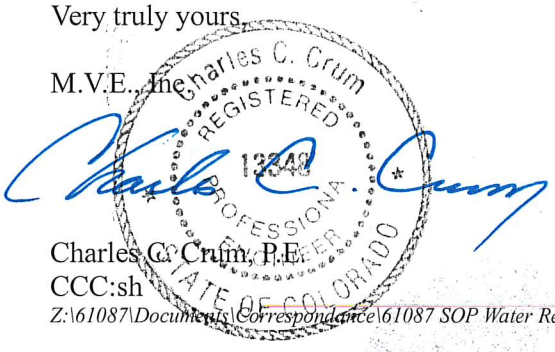
M.V.E., inc. has examined water quality testing results for the new Benet Well No. 1, the same well to be utilized by the proposed development. Water samples were drawn from directly from the well on the two occasions of March 23, 2020 and April 1 2020. Testing for the required contaminants was performed by Colorado Analytical Laboratory and ACZ Laboratories, Inc. The testing for the Secondary Maximum Contaminants as listed in the LDC were prepared using samples from the nearby Benet Hill Monastery Well, which is located within ¼ mile of the site and accesses the Dawson Aquifer. The examined reports contain tests for each of the required contaminants in accordance with The El Paso Land Development Code. The Dawson Aquifer is a confined aquifer. M.V.E. Inc. compared the test results to the Maximum

Contaminant Level (MCL) for each substance and found all results to be within acceptable levels in accordance with El Paso County standards contained in the Land Development Code. Therefore, we recommend that the El Paso County Health Department and El Paso County Attorney's office make a finding of sufficiency for water quality for the Sanctuary of Peace Filing No. 1 PUD and final plat.

Contact our office should you have any question concerning this water information.

Very truly yours,

M.V.E., Inc.



Charles C. Crum, P.E.
CCC:sh
Z:\61087\Documents\Correspondance\61087 SOP Water Resource & Supply Letter.odt

Enc. Water Decree, Well Permit, Water Testing Results

218100150 8/28/2018 9:48 AM
PGS 16 $88.00 DF $0.00
Electronically Recorded Official Records El Paso County CO
Chuck Broerman, Clerk and Recorder
TD1000 N

Exhibit B to Sanctuary of Peace Declarations

DISTRICT COURT, WATER DIVISION 2, CO Court Address: 501 North Elizabeth Street, Suite 116 Pueblo, CO 81003 Phone Number: (719) 404-8832	DATE FILED: August 28, 2018 8:42 AM CASE NUMBER: 2018CW3019
CONCERNING THE APPLICATION FOR WATER RIGHTS OF: **SISTERS OF THE BENET HILL MONASTERY** **IN EL PASO COUNTY**	▲ COURT USE ONLY ▲ Case No.: 18CW3019 (c/r 18CW3040, Div. 1)

FINDINGS OF FACT, CONCLUSIONS OF LAW, RULING OF REFEREE AND DECREE

THIS MATTER comes before the Court on the Application filed by the Sisters of the Benet Hill Monastery, and having reviewed said Application and other pleadings on file, and being fully advised on this matter, the Court makes the following findings and orders:

GENERAL FINDINGS OF FACT

1. The applicants in this case are the Sisters of the Benet Hill Monastery, whose address is 3190 Benet Lane, Colorado Springs, CO 80921 ("Applicant"). Applicant is the owner of the land totaling approximately 50.36 acres on which the structure sought to be adjudicated herein is located, and is the owner of the place of use where the water will be put to beneficial use.

2. The Applicant filed this Application with the Water Courts for both Water Divisions 1 and 2 on February 28, 2018. The Application was referred to the Water Referees in both Divisions 1 and 2 on or about March 2, 2018.

3. The time for filing statements of opposition to the Application expired on the last day of April 2018. No Statements of Opposition were timely filed, and the time for filing such statements of opposition has now passed.

4. A Motion for Consolidation of the cases into Water Division 2 was filed with the Colorado Supreme Court on May 1, 2018. The Panel on Consolidated Multidistrict Litigation certified the Motion for Consolidation to the Chief Justice on May 2, 2018. Chief Justice, Nancy E. Rice, granted the Motion for Consolidation by Order dated May 30, 2018.

5. On March 2, 2018, the Water Court, Division 1 on Motion from Applicant, ordered that consolidated publication be made by only Division 2. On March 2, 2018, the Water Court, Division 2 ordered that publication occur in the *Daily Transcript* within El Paso County.

6. The Clerk of this Court has caused publication of the Application filed in this matter as provided by statute and the publication costs have been paid. On March 23, 2018, proof of publication in the *Daily Transcript* was filed with both Water Court Divisions 1 and 2. All notices of the Application have been given in the manner required by law.

7. Pursuant to C.R.S. §37-92-302(2), the Office of the State Engineer has filed Determination of Facts for each aquifer with this Court on May 10, 2018.

8. Pursuant to C.R.S. §37-92-302(4), the office of the Division Engineer for Water Division 2 has filed its Consultation Report dated June 22, 2018, with the Court, and a Response to the Consultation Report was filed by the Applicant on July 30, 2018. Both the Consultation Report and Response have been considered by the Water Referee in the entry of this Ruling.

9. The Water Court has jurisdiction over the subject matter of these proceedings and over all who have standing to appear as parties whether they have appeared or not. The land and water rights involved in this case are not within a designated groundwater basin.

GROUNDWATER RIGHTS

10. The Applicant requests the adjudication of an underground water right for Benet Well No. 1 to be constructed to the Dawson aquifer and additional or replacement wells associated therewith for withdrawal of Applicant's full entitlements of supply under the plan for augmentation sought herein. Applicant also seeks quantification and adjudication of water from the Denver, Arapahoe, and Laramie-Fox Hills aquifers. The following findings are made with respect to such underground water rights:

11. The land overlying the groundwater subject to the adjudication in this case is owned by the Applicant and consists of approximately 50.36 acres, more or less. As more particularly described on attached **Exhibit A**, and depicted in the attached **Exhibit B** map, Applicant's Property is located in:

> The W½ W½ SW¼ SW¼, and the S½ N½ SW¼ and the S½ S½ NW¼ SE¼ of Section 27, Township 11 South, Range 66 West of the 6th P.M., El Paso County, Colorado.

Applicant is decreed the right to one central/communal well, Benet Well No. 1, to be located on the Applicant's Property at a specific location not yet determined, to be

constructed to the Dawson aquifer for use as a central water supply to communal development of a portion of Applicant's Property. All groundwater adjudicated herein shall be withdrawn from the overlying land.

12. There are no lienholders on the Applicant's Property, and therefore the notice requirements of C.R.S. §37-92-302 are inapplicable.

13. Benet Well No. 1: Benet Well No. 1 is to be located on the Applicant's Property. Applicant is awarded the vested right to use Benet Well No. 1, along with any necessary additional or replacement wells associated with such structure, for the extraction and use of groundwater from the not-nontributary Dawson aquifer pursuant to the Plan for Augmentation decreed herein, or as may in the future be supplemented or amended. Upon entry of this decree and submittal by the Applicant of a complete well permit application and filing fee, the State Engineer shall issue a permit for Benet Well No. 1 pursuant to C.R.S. §37-90-137(4), consistent with and references the Plan for Augmentation decreed herein.

14. Of the statutorily described Denver Basin aquifers, the Dawson, Denver, Arapahoe, and Laramie-Fox Hills aquifers all exist beneath the Applicant's Property. The Dawson and Denver aquifers underlying the Applicant's Property contain not-nontributary water, while the water of the Arapahoe and Laramie-Fox Hills aquifers underlying the Applicant's Property are nontributary. The quantity of water in the Denver Basin aquifers exclusive of artificial recharge underlying the Applicant's Property is as follows:

Groundwater Quantification								
AQUIFER	**ELEVATION**		**NET SAND (ft)**	**DEPTH (ft)**		**TOTAL (AF)**	**Annual Average Withdrawal (Acre Feet)**	
	Bottom	**Top**		**Bottom**	**Top**		**100 Years**	**300 Years**
Dawson (NNT)	6595	7329	365	905	171	3680	36.8	12.26
Denver (NNT)	5777	6604	545	1723	896	4670	46.7	-
Arapahoe (NT)	5237	5720	225	2263	2263	1930	19.3	-
Laramie Fox Hills (NT)	4484	4799	190	3016	2701	1440	14.4	-

15. Pursuant to C.R.S. §37-90-137(9)(c.5)(I), the augmentation requirements for wells in the not-nontributary Dawson requires the replacement to the affected stream systems of actual stream depletions on an annual basis, to the extent necessary to prevent injurious effect, based upon actual aquifer conditions. The Applicant's Property is more than one mile from any point of contact between any natural surface stream, including its alluvium, and the aquifer, and therefore pursuant to C.R.S. §37-90-

137(9)(c.5), Applicant must replace 4% of pumping for withdrawals from the Denver aquifer. Applicant shall not be entitled to construct a well or use water from the not-nontributary Dawson or Denver aquifers except pursuant to an approved augmentation plan in accordance with C.R.S. §37-90-137(9)(c.5), including as decreed herein as concerns the Dawson aquifer and Benet Well No. 1.

16. Applicant shall be entitled to withdraw all legally available groundwater in the Denver Basin aquifers underlying Applicant's Property. Said amounts can be withdrawn over the 300-year life of the aquifers as set forth in El Paso County, Colorado Land Development Code §8.4.7(C)(1) which requirements also satisfy the 100-year life for the aquifers as set forth in C.R.S. §37-90-137(4), or withdrawn over a longer period of time based upon local governmental regulations or Applicant's water needs. The average annual amounts of ground water available for withdrawal from the underlying Denver Basin aquifers, based upon both a 100-year and 300-year aquifer life, as applicable, is determined and set forth above, based upon the May 10, 2018 Office of the State Engineer Determination of Facts.

17. Applicant shall be entitled to withdraw an amount of groundwater in excess of the average annual amount decreed herein from the Denver Basin aquifers underlying Applicant's Property, so long as the sum of the total withdrawals from wells in the aquifer does not exceed the product of the number of years since the date of issuance of the original well permit or the date of entry of the decree herein, whichever comes first, and the annual volume of water which Applicant is entitled to withdraw from the aquifer underlying Applicant's Property.

18. Applicant shall have the right to use the ground water for all beneficial uses upon the Applicant's Property consisting of domestic, commercial, irrigation, stock water, recreation, wildlife, wetlands, fire protection, piscatorial, and for storage and augmentation associated with such uses. The amount of groundwater decreed for such uses upon the Applicant's Property is reasonable as such uses are to be made for the long term use and enjoyment of the Applicant's Property and are to establish and provide for adequate water reserves. The nontributary groundwater, excepting such water reserved for post pumping depletions in the Plan for Augmentation decreed herein, may be used, reused, and successively used to extinction, both on and off the Applicant's Property subject, however, to the relinquishment of the right to consume two percent of such nontributary water withdrawn. Applicant may use such water by immediate application or by storage and subsequent application to the beneficial uses and purposes stated herein. Provided however, as set forth above, Applicant shall only be entitled to construct a well or use water from the not-nontributary Dawson and Denver aquifers pursuant to a decreed augmentation plan entered by the Court, including that plan for augmentation decreed herein as concerns the Dawson aquifer and Benet Well No. 1.

19. Withdrawals of groundwater available from the Denver Basin aquifers

beneath the Applicant's Property in the amounts determined in accordance with the provisions of this decree will not result in material injury to any other vested water rights or to any other owners or users of water.

PLAN FOR AUGMENTATION

20. The structure to be augmented is Benet Well No. 1 in the not-nontributary Dawson aquifer underlying the Applicant's Property, along with any additional or replacement wells associated therewith.

21. Pursuant to C.R.S. §37-90-137(9)(c.5), the augmentation obligation for Benet Well No. 1 and any additional or replacement wells constructed to the Dawson aquifer requires the replacement of actual stream depletions to the extent necessary to prevent any injurious effect. The water rights to be used for augmentation during pumping are the septic return flows of the not-nontributary Benet Well No. 1, to be pumped as set forth in this plan for augmentation. The water rights to be used for augmentation after pumping are a reserved portion of Applicant's nontributary water rights in the Arapahoe and Laramie-Fox Hills aquifers. Applicant shall provide for the augmentation of stream depletions caused by pumping the Benet Well No. 1 as approved herein. Water use criteria as follows:

A. Use: The Benet Well No. 1 may pump up to 8.37 acre feet of water from the Dawson aquifer annually for the following uses:

i. Household Use Only: 0.20 acre feet annually within up to 26 residential dwellings and 0.10 average acre feet annually within the community building, with a maximum of ten percent consumptive use based on a nonevaporative septic leach field disposal system(s). The annual consumptive use for all indoor use would therefore be 5.3 acre feet, with total return flows of 4.77 acre feet. Any other type of waste water disposal shall require an amendment to this plan of augmentation.

ii. Landscape Irrigation: 0.05 acre feet annually per 1,000 square feet (2.18 acre feet per acre) per year, with an 85% assumed consumptive use rate. The annual consumptive use for all lawn and landscape irrigated is therefore 1.19 acre feet, assuming a maximum of 1,000 square feet per communal residence, or a total of 26,000 square feet of landscape irrigation.

iii. Community Building (inside use): Varying inside uses of water within the Community Building are anticipated to require pumping of approximately 0.13 acre feet on average, which being 10% consumptive will result in consumptive use of 0.013 acre feet annually, and return flows of 0.117 acre feet annually.

iv. Common Garden: At an application rate of 2.18 acre feet annually per irrigated acre and an 85% assumed consumptive use rate, based 0.75 acre of garden

to be irrigated, consumptive use will be approximately 1.38 acre feet.

v. Fire Cisterns: Applicant has agreed to maintain a total amount of 60,000 gallons (0.18 acre feet) of water in storage for emergency firefighting uses. Such quantities are conservatively estimated to be replaced/used annually, though these nonpotable supplies may be maintained for extended periods of time when no firefighting uses are necessary.

The foregoing figures assume the use of the equivalent of 26 septic systems, with resulting return flows from each, or one-or more multi-dwelling commercial-type septic systems with similar resulting return flows. Should Applicant construct fewer than 26 residential dwellings on Applicant's property, both depletions and return flows for the replacement of the same will be correspondingly reduced, though pumping for uses other than household use may be increased provided at all times septic return flows shall replace the maximum depletions resulting from pumping (23%) as described in Paragraph 21.B., below.

B. Depletions: Applicant's consultant has determined that maximum stream depletions over the 300-year pumping period will amount to approximately twenty-three percent (23%) of pumping. Maximum annual depletions for total residential pumping from all wells is therefore 1.93 acre feet in year 300. Should Applicant's pumping be less than the 8.37 acre feet per lot described herein, or should fewer residences or amenities be developed, resulting depletions and required replacements will be correspondingly reduced.

C. Augmentation of Depletions During Pumping Life of Well: Pursuant to C.R.S. §37-90-137(9)(c.5), Applicant is required to replace actual stream depletions attributable to pumping of the Benet Well No. 1. Applicant's consultant has determined that depletions during pumping will be effectively replaced by return flows from non-evaporative septic system(s). The annual consumptive use for non-evaporative septic systems is 10% per year. At a use rate of 0.20 acre feet per residence per year and a community building indoor use of 0.10 average acre feet per year, a total of approximately 5.30 acre feet will be pumped for indoor uses, with 4.77 acre feet replaced to the stream system per year, utilizing non-evaporative septic systems. Thus, during pumping, the estimated maximum stream depletions of 1.93 annual acre feet will be more than adequately augmented.

D. Augmentation of Post Pumping Depletions: This plan for augmentation shall have a pumping period of a minimum of 300 years. For the replacement of any injurious post-pumping depletions which may be associated with the use of the Benet Well No. 1, Applicant will reserve 1,414 acre feet of water from the nontributary Laramie Fox Hills aquifer and 1,097 acre feet of water from the nontributary Arapahoe aquifer, representing maximum pumping of 2,511 acre feet less stream depletions replaced during the plan pumping period, or such greater amounts from the

nontributary Laramie-Fox Hills aquifer and/or Arapahoe aquifer as necessary to replace any injurious post pumping depletions. Applicant also reserves the right to substitute other legally available augmentation sources for such post pumping depletions upon further approval of the Court under its retained jurisdiction. Even though this reservation is made, under the Court's retained jurisdiction, Applicant reserves the right in the future to prove that post pumping depletions will be noninjurious. The reserved nontributary groundwater will be used to replace any injurious post-pumping depletions. Upon entry of a decree in this case, the Applicant will be entitled to apply for and receive a new well permit for the Benet Well No. 1 for the uses in accordance with this Application and otherwise in compliance with C.R.S. §37-90-137.

22. Because depletions occur to both the South Platte and Arkansas River systems under the State's groundwater flow model, the Application in this case was filed in both Water Divisions 1 and 2. The return flows set forth above as augmentation will accrue to only Arkansas River system where most of the depletions will occur and where the Applicant's Property is located. Under this augmentation plan, the total amount of depletions will be replaced to the Arkansas River system as set forth herein, and the Court finds that those replacements are sufficient under this augmentation plan subject to Paragraphs 41-45 herein.

23. This decree, upon recording, shall constitute a covenant running with Applicant's Property, benefitting and burdening said land, and requiring construction of well(s) to the nontributary Arapahoe and Laramie-Fox Hills aquifers and pumping of water therefrom to replace any injurious post-pumping depletions under this decree. Subject to the requirements of this decree, in order to determine the amount and timing of post-pumping replacement obligations, if any, under this augmentation plan, Applicant or its successors shall use information commonly used by the Colorado Division of Water Resources for augmentation plans of this type at the time. Pursuant to this covenant, the water from the reserved portions of the nontributary Arapahoe and Laramie-Fox Hills aquifers, as reserved herein, may not be severed in ownership from the overlying subject property. This covenant shall be for the benefit of, and enforceable by, third parties owning vested water rights who would be materially injured by the failure to provide for the replacement of post-pumping depletions under the decree, and shall be specifically enforceable by such third parties against the owner of the Applicant's Property.

24. Applicant or its successors shall be required to initiate pumping from the Arapahoe and/or Laramie-Fox Hills aquifers for the replacement of post-pumping depletions when either: (i) the absolute total amount of water available from the Dawson aquifer allowed to be withdrawn under the plan for augmentation decreed herein has been pumped; (ii) the Applicant or its successors in interest have acknowledged in writing that all withdrawals for beneficial use through the Benet Well No. 1 have permanently ceased, (iii) a period of 10 consecutive years where either no withdrawals of groundwater has occurred, or (iv) accounting shows that return flows from the use of the water being withdrawn is insufficient to replace depletions caused by the withdrawals that already

occurred.

25. Accounting and responsibility for post-pumping depletions in the amount set forth herein shall continue for the shortest of the following periods: (i) the period provided by statute; (ii) the period specified by any subsequent change in statute; (iii) the period required by the Court under its retained jurisdiction; (iv) the period determined by the State Engineer; or (v) the period as established by Colorado Supreme Court final decisions. Should Applicant's obligation hereunder to account for and replace such post-pumping stream depletions be abrogated for any reason, then the Laramie-Fox Hills aquifer groundwater reserved for such a purpose shall be free from the reservation herein and such groundwater may be used or conveyed by its owner without restriction for any post-pumping depletions.

26. The term of this augmentation plan is for a minimum of 300 years, however, the length of the plan for a particular well or wells may be extended beyond such time provided the total plan pumping allocated to such well or wells is not exceeded. Should the actual operation of this augmentation plan depart from the planned diversions described in Paragraph 21 such that annual diversions are increased or the duration of the plan is extended, the Applicant must prepare and submit a revised model of stream depletions caused by the actual pumping schedule. This analysis must utilize depletion modeling acceptable to the State Engineer, and to this Court, and must represent the water use under the plan for the entire term of the plan to date. The analysis must show that return flows have equaled or exceeded actual stream depletions throughout the pumping period and that reserved nontributary water remains sufficient to replace post-pumping depletions.

27. Consideration has been given to the depletions from Applicant's use and proposed uses of water, in quantity, time and location, together with the amount and timing of augmentation water which will be provided by the Applicant, and the existence, if any, injury to any owner of or person entitled to use water under a vested water right.

28. It is determined that the timing, quantity and location of replacement water under the protective terms in this decree are sufficient to protect the vested rights of other water users and eliminate material injury thereto. The replacement water shall be of a quantity and quality so as to meet the requirements for which the water of senior appropriators has normally been used, and provided of such quality, such replacement water shall be accepted by the senior appropriators for substitution for water derived by the exercise of the Benet Well No. 1. As a result of the operation of this plan for augmentation, the depletions from the Benet Well No. 1 and any additional or replacement wells associated therewith will not result in material injury to the vested water rights of others.

CONCLUSIONS OF LAW

29. The application for adjudication of Denver Basin groundwater and approval of plan for augmentation was filed with the Water Clerks for Water Divisions 1 and 2, pursuant to C.R.S. §§37-92-302(1)(a) and 37-90-137(9)(c). These cases were properly consolidated before Water Division 2.

30. The Applicant's request for adjudication of these water rights is contemplated and authorized by law, and this Court and the Water Referee have exclusive jurisdiction over these proceedings. C.R.S. §§37-92-302(1)(a), 37-92-203, and 37-92-305.

31. Subject to the terms of this decree, the Applicant is entitled to the sole right to withdraw all the legally available water in the Denver Basin aquifers underlying the Applicant's Property, and the right to use that water to the exclusion of all others subject to the terms of this decree.

32. The Applicant has complied with C.R.S. §37-90-137(4), and the groundwater is legally available for withdrawal by the requested nontributary well(s), and legally available for withdrawal by the requested not-nontributary well(s) upon the entry of this decree approving an augmentation plan pursuant to C.R.S. §37-90-137(9)(c.5). Applicant is entitled to a decree from this Court confirming its rights to withdraw groundwater pursuant to C.R.S. §37-90-137(4).

33. The Denver Basin water rights applied for in this case are not conditional water rights, but are vested water rights determined pursuant to C.R.S. §37-90-137(4). No applications for diligence are required. The claims for nontributary and not-nontributary groundwater meet the requirements of Colorado Law.

34. The determination and quantification of the nontributary and not-nontributary groundwater rights in the Denver Basin aquifers as set forth herein is contemplated and authorized by law. C.R.S. §§37-90-137, and 37-92-302 through 37-92-305.

35. The Applicant's request for approval of a plan for augmentation is contemplated and authorized by law. If administered in accordance with this decree, this plan for augmentation will permit the uninterrupted diversions from the Benet Well No. 1 without adversely affecting any other vested water rights in the Arkansas River and South Platte River or their tributaries and when curtailment would otherwise be required to meet a valid senior call for water. C.R.S. §§37-92-305(3),(5), and (8).

IT IS THEREFORE ORDERED, ADJUDGED AND DECREED AS FOLLOWS:

36. All of the foregoing Findings of Fact and Conclusions of Law are incorporated herein by reference, and are considered to be a part of this decretal portion as though set forth in full.

37. The Application for Adjudication of Denver Basin Groundwater and for Approval of Plan for Augmentation proposed by the Applicant is approved, subject to the terms of this decree.

38. The Applicant has furnished acceptable proof as to all claims and, therefore, the Application for Adjudication of Groundwater and Plan for Augmentation, as requested by the Applicant, is granted and approved in accordance with the terms and conditions of this decree. Approval of this Application will not result in any material injury to senior vested water rights.

39. The Applicant shall comply with C.R.S. §37-90-137(9)(b), requiring the relinquishment of the right to consume two percent (2%) of the amount of the nontributary groundwater withdrawn. Ninety-eight percent (98%) of the nontributary groundwater withdrawn may therefore be consumed. No plan for augmentation shall be required to provide for such relinquishment.

40. The State Engineer, the Division Engineer, and/or the Water Commissioner shall not curtail the diversion and use of water covered by the Benet Well No. 1 so long as the return flows from the annual diversions associated with the Benet Well No. 1 accrue to the stream system pursuant to the conditions contained herein. To the extent that Applicant or one of its successors or assigns is ever unable to provide the replacement water required, then the Benet Well No. 1 shall not be entitled to operate under the protection of this plan, and shall be subject to administration and curtailment in accordance with the laws, rules, and regulation of the State of Colorado. Pursuant to C.R.S. §37-92-305(8), the State Engineer shall curtail all out-of-priority diversions which are not so replaced as to prevent injury to vested water rights. In order for this plan for augmentation to operate, return flows from the septic system(s) discussed herein shall at all times during pumping be in an amount sufficient to replace the amount of stream depletions.

41. The Court retains jurisdiction over this matter to make adjustments in the allowed average annual amount of withdrawal from the Denver Basin aquifers, either upwards or downwards, to conform to actual local aquifer characteristic, and that the Applicant need not refile, republish, or otherwise amend this application to request such adjustments. The Court further retains jurisdiction should the Applicant later seek to amend this decree by seeking to prove that post-pumping depletions are noninjurious, that the extent of replacement for post-pumping depletions is less than the amount of water reserved herein, and other post-pumping matters addressed in Paragraph 21.D.

A. At such time as adequate data may be available, Applicant or the State Engineer may invoke the Court's retained jurisdiction as provided in this Paragraph 41 for purposes of making a final determination of water rights as to the quantities of water available and allowed average annual withdrawals from any of the Denver Basin aquifers quantified and adjudicated herein. Any person seeking to invoke the Court's retained jurisdiction for such purpose shall file a verified petition with the Court setting forth with particularity the factual basis for such final determination of Denver Basin water rights under this decree, together with the proposed decretal language to effect the petition. Within four months of the filing of such verified petition, the State Engineer's Office shall utilize such information as available to make a final determination of water rights finding, and shall provide such information to the Court, Applicant, and the petitioning party.

B. If no protest is filed with the Court to such findings by the State Engineer's Office within sixty (60) days, this Court shall incorporate by entry of an Amended Decree such "final determination of water rights", and the provisions of this Paragraph 41 concerning adjustments to the Denver Basin ground water rights based upon local aquifer conditions shall no longer be applicable. In the event of a protest being timely filed, or should the State Engineer's Office make no timely determination as provided in Paragraph 41.A., above, the "final determination of water rights" sought in the petition may be made by the Water Court after notice to all parties and following a full and fair hearing, including entry of an Amended Decree, if applicable in the Court's reasonable discretion.

42. Pursuant to C.R.S. §37-92-304(6), the Court shall retain continuing jurisdiction over the plan for augmentation decreed herein for reconsideration of the question of whether the provisions of this decree are necessary and/or sufficient to prevent injury to vested water rights of others, as pertains to the use of Denver Basin groundwater supplies adjudicated herein for augmentation purposes. The court also retains continuing jurisdiction for the purpose of determining compliance with the terms of the augmentation plan.

43. As pertains to the Denver Basin groundwater supplies, the court shall retain continuing jurisdiction for so long as Applicant is required to replace depletions to the Arkansas stream system, to determine whether the replacement of depletions to Arkansas stream system instead of the South Platte stream system is causing material injury to water rights tributary to the South Platte stream system.

44. Any person may invoke the Court's retained jurisdiction at any time that Applicant is causing depletions, including ongoing post-pumping depletions, to the South Platte River system and is replacing such depletions to only the Arkansas River system. Any person seeking to invoke the Court's retained jurisdiction shall file a verified petition with the Court setting forth with particularity the factual basis for the alleged material injury and to request that the Court reconsider material injury to petitioners' vested water rights

associated with the above replacement of depletions under this decree, together with the proposed decretal language to effect the petition. The party filing the petition shall have the burden of proof going forward to establish a prima facie case based on the facts alleged in the petition and that Applicant's failure to replace depletions to the South Platte River system is causing material injury to water rights owned by that party invoking the Court's retained jurisdiction, except that the State and Division Engineer may invoke the Court's retained jurisdiction by establishing a prima facie case that material injury is occurring to any vested or conditionally decreed water rights in the South Platte River system due to the location of Applicant's replacement water. If the Court finds that those facts are established, the Applicant shall thereupon have the burden of proof to show (i) that petitioner is not materially injured, or (ii) that any modification sought by the petitioner is not required to avoid material injury to the petitioner, or (iii) that any term or condition proposed by Applicant in response to the petition does avoid material injury to the petitioner. The Division of Water Resources as a petitioner shall be entitled to assert material injury to the vested water rights of others.

45. Except as otherwise specifically provided in Paragraphs 41-44, above, pursuant to the provisions of C.R.S. §37-92-304(6), this plan for augmentation decreed herein shall be subject to the reconsideration of this Court on the question of material injury to vested water rights of others, for a period of three years, except as otherwise provided herein. Any person, within such period, may petition the Court to invoke its retained jurisdiction. Any person seeking to invoke the Court's retained jurisdiction shall file a verified petition with the Court setting forth with particularity the factual basis for requesting that the Court reconsider material injury to petitioner's vested water rights associated with the operation of this decree, together with proposed decretal language to effect the petition. The party filing the petition shall have the burden of proof of going forward to establish a prima facie case based on the facts alleged in the petition. If the Court finds those facts are established, Applicant shall thereupon have the burden of proof to show: (i) that the petitioner is not materially injured, or (ii) that any modification sought by the petitioner is not required to avoid material injury to the petitioner, or (iii) that any term or condition proposed by Applicant in response to the petition does avoid material injury to the petitioner. The Division of Water Resources as a petitioner shall be entitled to assert material injury to the vested water rights of others. If no such petition is filed within such period and the retained jurisdiction period is not extended by the Court in accordance with the revisions of the statute, this matter shall become final under its own terms.

46. Pursuant to C.R.S. §37-92-502(5)(a), the Applicant shall install and maintain such water measurement devices and recording devices as are deemed essential by the State Engineer or Division Engineers, and the same shall be installed and operated in accordance with instructions from said entities. Applicant is to install and maintain totalizing flow meters on all wells decreed herein or any additional or replacement wells associated therewith. Applicant is also to maintain records and provide

reports to the State Engineer or Division Engineers as instructed by said entities, on at least an annual basis.

47. The vested water rights, water right structures, and plan for augmentation decreed herein shall be subject to all applicable administrative rules and regulations, as currently in place or as may in the future be promulgated, of the offices of Colorado State and Division Engineers for administration of such water rights, to the extent such rules and regulations are uniformly applicable to other similarly situated water rights and water users.

48. This Ruling of Referee, when entered as a decree of the Water Court, shall be recorded in the real property records of El Paso County, Colorado. Copies of this ruling shall be mailed as provided by statute.

DATED THIS 6th day of August, 2018.

BY THE REFEREE:

Mardell R. DiDomenico, Water Referee
Water Division 2

DECREE

THE COURT FINDS THAT NO PROTEST WAS MADE IN THIS MATTER, THEREFOR THE FORGOING RULING IS CONFIRMED AND APPROVED, AND IS HEREBY MADE THE JUDGMENT AND DECREE OF THIS COURT.

Dated: August 28, 2018.

BY THE COURT:

LARRY C. SCHWARTZ, WATER JUDGE
WATER DIVISION 2

Exhibit A – Legal Description

PARCEL A.
THAT PORTION OF THE WEST HALF OF THE WEST HALF OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 27, IN TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE 6TH P.M., DESCRIBED AS FOLLOWS:
BEGINNING AT THE NORTHEAST CORNER OF LOT 13, IN BLOCK 4, IN BLACK FOREST PARK, AS SHOWN BY PLAT RECORDED IN PLAT BOOK B, PAGES 42 AND 43 AND RUN THENCE EAST ALONG AN EXTENSION OF THE NORTH LINE OF SAID LOT 13, TO THE EAST LINE OF SAID WEST HALF OF THE WEST HALF OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER; THENCE SOUTH ALONG SAID EAST LINE TO THE POINT OF INTERSECTION WITH AND EASTERLY EXTENSION OF THE SOUTH LINE OF LOT 12, IN SAID BLOCK 4; THENCE WEST ALONG SAID EXTENSION OF THE SOUTH LINE OF LOT 12, TO THE SOUTHEAST CORNER OF SAID LOT 12; THENCE NORTH 200 FEET TO THE POINT OF BEGINNING, EXCEPT THE WEST 30 FEET THEREOF WHICH HAS BEEN RESERVED FOR ROAD PURPOSES.
PARCEL B:
THE SOUTH HALF OF THE NORTH HALF OF THE SOUTHWEST QUARTER AND THE SOUTH HALF OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 27, IN TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE 6TH P.M., EXCEPT THAT PORTION CONVEYED TO THE DEPARTMENT OF HIGHWAYS, STATE OF COLORADO, AS DESCRIBED IN DEED RECORDED SEPTEMBER 21, 1964 IN BOOK 2035 AT PAGE 537, UNDER RECEPTION NO. 368570, AND EXCEPT THAT PORTION LYING EASTERLY OF THE EASTERLY RIGHT OF WAY LINE OF STATE HIGHWAY 83 CONVEYED TO C.T. MCLAUGHLIN BY DEED RECORDED DECEMBER 18, 1974 IN BOOK 2723 AT PAGE 644. COUNTY OF EL PASO, STATE OF COLORADO.

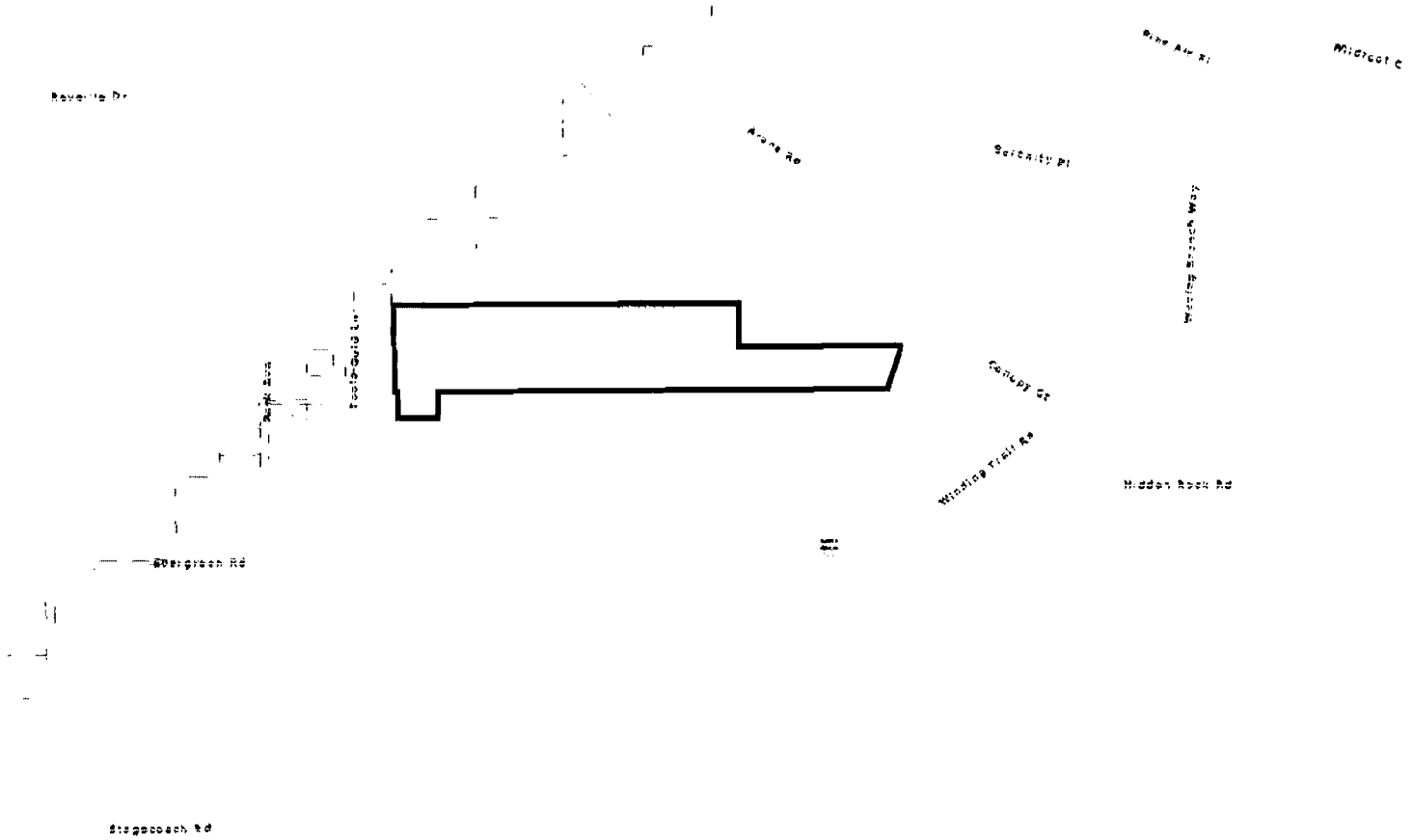
Exhibit B

El Paso County Assessor's Office

15760 HIGHWAY 83

SCHEDULE: 6127000063

OWNER: BENET HILL MONASTERY
OF COLORADO SPRINGS INC



COLORADO
Division of Water Resources
Department of Natural Resources

WELL PERMIT NUMBER 83885-F
RECEIPT NUMBER 3693757

ORIGINAL PERMIT APPLICANT(S)

BENET HILL MONASTERY

AUTHORIZED AGENT

BARNHART PUMP COMPANY

APPROVED WELL LOCATION

Water Division: 2 Water District: 10
Designated Basin: N/A
Management District: N/A
County: EL PASO
Parcel Name: N/A
Physical Address: 15760 CO-83 COLORADO SPRINGS, CO 80921

NE 1/4 SW 1/4 Section 27 Township 11.0 S Range 66.0 W Sixth P.M.

UTM COORDINATES (Meters, Zone: 13, NAD83)

Easting: 519959.0 Northing: 4323626.0

PERMIT TO CONSTRUCT A NEW WELL

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT

CONDITIONS OF APPROVAL

1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.

2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.

3) Approved pursuant to CRS 37-90-137(4), on the condition that this well is operated in accordance with the Sisters of the Benet Hill Monastery Augmentation Plan decreed by the Division 2 Water Court in case no. 18CW3019. If this well is not operated in accordance with the terms of said decree, it will be subject to administration including orders to cease diverting water. This well is known as Benet Well No. 1.

4) The use of ground water from this well is limited to household use within up to 26 residential dwellings and a community building, the irrigation of 26,000 square feet of landscaping, the irrigation of 0.75 acre (244,388 square feet) of common garden and storage for emergency firefighting purposes, per decree.

5) The pumping rate of this well shall not exceed 50 GPM, as requested.

6) The average annual amount of ground water to be withdrawn shall not exceed 8.37 acre-feet, per decree.

7) The total depth of the well shall not exceed 905 feet, which corresponds to the base of the Dawson aquifer. At a minimum, plain casing shall be installed and grouted through all unconsolidated materials and shall extend a minimum of ten feet into the bedrock formation to prevent production from other zones. Wells completed in the Dawson aquifer must be constructed in accordance with Well Construction Rule 10.4.6 (2 CCR 402-2) for a Type II aquifer.

8) The owner shall mark the well in a conspicuous location with well permit number(s), name of the aquifer, and court case number(s) as appropriate. The owner shall take necessary means and precautions to preserve these markings.

9) The return flow from the use of this well must be through an individual waste water disposal system of the non-evaporative type where the water is returned to the same stream system in which the well is located.

10) A totalizing flow meter must be installed on this well and maintained in good working order. Permanent records of all diversions must be maintained by the well owner (recorded at least annually) and submitted to the Division Engineer upon request.

11) This well shall be constructed not more than 200 feet from the location specified on this permit.

12) This well shall be constructed more than 600 feet from any existing well, completed in the same aquifer, that is not owned by the applicant.

13) This well is subject to administration by the Division Engineer in accordance with applicable decrees, statutes, rules, and regulations.

NOTE: The ability of this well to withdraw its authorized amount of water from this non-renewable aquifer may be less than the 100 years upon which the amount of water in the aquifer is allocated, due to anticipated water level declines.

WELL PERMIT NUMBER 83885-F **RECEIPT NUMBER 3693757**

NOTE: To ensure a maximum productive life of this well, perforated casing should be set through the entire producing interval of the approved zone or aquifer indicated above.

NOTE: The well structure I.D.# is 1006824; Benet Pines Monastery NNT Dawson.

NOTE: This permit will expire on the expiration date unless the well is constructed and a pump is installed by that date. A Well Construction and Yield Estimate Report (GWS-31) and Pump Installation and Production Equipment Test Report (GWS-32) must be submitted to the Division of Water Resources to verify the well has been constructed and the pump has been installed. A one-time extension of the expiration date may be available. Contact the DWR for additional information or refer to the extension request form (GWS-64) available at: http://water.state.co.us

Issued By JOHN GABERT

Date Issued: 12/11/2019

Expiration Date: 12/11/2020

Form No. GWS-31
02/2017

WELL CONSTRUCTION AND YIELD ESTIMATE REPORT

State of Colorado, Office of the State Engineer
1313 Sherman St., Room 821, Denver, CO 80203 303.866.3581
www.water.state.co.us and dwrpermitsonline@state.co.us

For Office Use Only

1. **Well Permit Number:** 83885-F **Receipt Number:** 3693757
2. **Owner's Well Designation:**
3. **Well Owner Name:** Benet Hill Monastery
4. **Well Location Street Address:** 15760 CO-83 Colorado Springs, CO. 80921
5. **As Built GPS Well Location (required):** ☐ Zone 12 ☒ Zone 13 Easting: 519959 Northing: 4323626
6. **Legal Well Location:** NE 1/4, SW 1/4, Sec., 27 Twp. 11.0 ☐ N or S ☒, Range 66.0 ☐ E or W ☒, 6 P.M.
   County: El Paso
   Subdivision: _____, Lot ____, Block ____, Filing (Unit) ____
7. **Ground Surface Elevation:** ____ feet **Date Completed:** 03/19/2020 **Drilling Method:** Mud Rotary
8. **Completed Aquifer Name :** Dawson **Total Depth:** 751 feet **Depth Completed:** 751 feet
9. **Advance Notification:** Was Notification Required Prior to Construction? ☐ Yes ☒ No, Date Notification Given: ____
10. **Aquifer Type:** (Check one) ☒ Type I (One Confining Layer) ☐ Type I (Multiple Confining Layers) ☐ Laramie-Fox Hills ☐ Type II (Not overlain by Type III) ☐ Type II (Overlain by Type III) ☐ Type III (alluvial/colluvial)

11. **Geologic Log:**

Depth	Type	Grain Size	Color	Water Loc.
See	Attached			

12. **Hole Diameter (in.)**

Hole Diameter (in.)	From (ft)	To (ft)
12.75	0	22
7.87	22	751

13. **Plain Casing**

OD (in)	Kind	Wall Size (in)	From (ft)	To (ft)
10.62	Steel	.188	+1	22
6.62	Steel	.25	+3	331

Perforated Casing Screen Slot Size (in): Plasma

OD (in)	Kind	Wall Size (in)	From (ft)	To (ft)
6.62	Steel	.25	331	751

14. **Filter Pack:**
Material: Washed Gravel
Size: 1/4 -
Interval: 124-751

15. **Packer Placement:**
Type: N/A
Depth: ____

16. **Grouting Record**

Material	Amount	Density	Interval	Method
Neat Cement	376lbs	24gal h20	2-20	Pumped
Neat Cement	2820lbs	180gal h20	7-124	Pumped/ tremmied

Remarks:

17. **Disinfection:** Type HTH Amt. Used 8oz
18. **Well Yield Estimate Data:** ☐ Check box if Test Data is submitted on Form Number GWS-39, Well Yield Test Report
    Well Yield Estimate Method: Airlifted @ 350'
    Static Level: 196'
    Date/Time measured: 03/19/2020 @ 9:45AM
    Estimated Yield (gpm) 15
    Estimate Length (hrs) 20
    Remarks: 21-25 gpm @ 730'
19. I have read the statements made herein and know the contents thereof, and they are true to my knowledge. This document is signed (or name entered if filing online) and certified in accordance with Rule 17.4 of the Water Well Construction Rules, 2 CCR 402 2. The filing of a document that contains false statements is a violation of section 37 91 108(1)(e), C.R.S., and is punishable by fines up to $1,000 and/or revocation of the contracting license. If filing online the State Engineer considers the entry of the licensed contractor's name to be compliance with Rule 17.4.

Company Name:	Email:	Phone w/area code:	License Number:
Can-America Drilling, Inc.	waynea@canamericadrilling.com	719-541-2967	1149

Mailing Address: PO BOX 416 Simla CO 80835

Sign (or enter name if filing online)	Print Name and Title	Date:
Wayne Arde	Wayne Arde - Owner	03/23/2020

Can-America Drilling, Inc.

GEOLOGIC LOG

Well Permit Number: 83885-F **Receipt Number:** 3693757
Owner's Well Designation:
Well Owners' Name: Benet Hill Monastery
Well Location Street Address: 15760 CO-83
GPS Well Location: Zone 13 **Easting:** 519959 **Northing:** 4323626
Legal Well Location: NE ¼ SW ¼ Sec 27 **Twp:** 11S **Range:** 66W
Subdivision: **Lot:** **Block:** **Filing:**

0	1	Topsoil
1	175	Dense tan/red sand clay
175	200	Red silty clay w/ fine med silica @ bottom
200	275	Yellow/tan sticky clay w/ lenses of fine tan sand
275	425	Fine med silica/semi consolidated
425	450	Red tan clay same sand
450	525	Fine med clean silica
525	600	Green/gray clay (some silty)
600	630	Gray clay w/ fine med silica @ bottom
630	660	Fine med silica
660	690	Fine med silica w/ gray clay layers
690	720	Gray clay
720	751	Fine med silica w/ blue clay @ bottom 10'

Benet Well No. 1
Water Quality Test Results
3/23/2020 sample

Colorado Department of Public Health and Environment

Organic Chemicals Certified Laboratory Report Form
WQCD - Drinking Water CAS
Submit Online at http://www.wqcdcompliance.com/login

Revised 4/13/2015

VOC/SOC

Section I (Supplied or Completed by Public Water System)		Section II (Supplied or Completed by Certified Laboratory)	
Public Water System Information		**Certified Laboratory Information**	
PWSID#:		Laboratory ID: CO 00063	
System Name: Sanctuary of Peace New Well		Laboratory Name: Colorado Analytical Laboratory	
Contact Person: Vincent Crowder	Phone #: 719-355-1639	Contact Person: Customer Service	Phone: 303-659-2313
Comments:	Do Samples Need to be Composited BY THE LAB? ☐	Comments:	

PWSID#:		Section III (Supplied or Completed by Public Water System)					
Sample Date:	3/23/20	Collector:	David Stanford	Facility ID (On Schedule):	Sanctuary Well	Sample Pt ID (On Schedule):	**Sanctuary Well**

Section IV Volatile Organic Chemicals (Supplied or Completed by Certified Laboratory)

Lab Receipt Date	Lab Analysis Date	Lab Sample ID	Analyte Name	CAS No.	Analytical Method	MCL (ug/L)	Lab MRL (ug/L)	Result (ug/L)
3/23/20	4/2/20	200323059-01E	1,1,1-Trichloroethane	71-55-6	EPA-524.2	200	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	1,1,2-Trichloroethane	79-00-5	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	1,1-Dichloroethylene	75-35-4	EPA-524.2	7	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	1,2,4-Trichlorobenzene	120-82-1	EPA-524.2	70	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	1,2-Dichloroethane	107-06-2	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	1,2-Dichloropropane	78-87-5	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Benzene	71-43-2	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Carbon Tetrachloride	56-23-5	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Monochlorobenzene	108-90-7	EPA-524.2	100	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	cis-1,2-Dichloroethylene	156-59-2	EPA-524.2	70	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Dichloromethane	75-09-2	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Ethylbenzene	100-41-4	EPA-524.2	700	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	o-Dichlorobenzene	95-50-1	EPA-524.2	600	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Para-Dichlorobenzene	106-46-7	EPA-524.2	75	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Styrene	100-42-5	EPA-524.2	100	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Tetrachloroethylene	127-18-4	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Toluene	108-88-3	EPA-524.2	1000	0.5	**2.4**
3/23/20	4/2/20	200323059-01E	trans-1,2-Dichloroethylene	156-60-5	EPA-524.2	100	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Trichloroethylene	79-01-6	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Vinyl chloride	75-01-4	EPA-524.2	2	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Xylenes (total)	1330-20-7	EPA-524.2	10000	0.5	**BDL**

NT: Not Tested ug/L: Micrograms per Liter MCL: Maximum Contaminant Level BDL Below Laboratory MRL A less than sign (<) may also be used.

200323059-01 N 1/2
4/8/20

PWSID#:		Section V (Supplied or Completed by Public Water System)							
Sample Date:	3/23/20	Collector:	David Stanford	Facility ID (On Schedule):	Sanctuary Well	Sample Pt ID (On Schedule):	**Sanctuary Well**		
Section VI Synthetic Organic Chemicals (Supplied or Completed by Certified Laboratory)									
Lab Receipt Date	Lab Analysis Date	Lab Sample ID	Analyte Name	CAS No.	Analytical Method	MCL (ug/L)	Lab MRL (ug/L)	Result (ug/L)	
3/23/20	3/27/20	200323059-01B	Dibromochloropropane	96-12-8	EPA 504.1	0.2	0.02	**BDL**	
3/23/20	3/28/20	200323059-01D	2,4,-D	94-75-7	EPA 515.4	70	0.1	**BDL**	
3/23/20	3/28/20	200323059-01D	2,4,5-TP	93-72-1	EPA 515.4	50	0.2	**BDL**	
3/23/20	3/26/20	200323059-01F	Alachlor	15972-60-8	EPA 525.2	2	0.2	**BDL**	
3/23/20	3/26/20	200323059-01G	Aldicarb	116-06-3	EPA 531.1	N/A	0.6	**BDL**	
3/23/20	3/26/20	200323059-01G	Aldicarb sulfone	1646-88-4	EPA 531.1	N/A	1	**BDL**	
3/23/20	3/26/20	200323059-01G	Aldicarb sulfoxide	1646-87-3	EPA 531.1	N/A	0.7	**BDL**	
3/23/20	3/26/20	200323059-01F	Atrazine	1912-24-9	EPA 525.2	3	0.1	**BDL**	
3/23/20	3/26/20	200323059-01F	Benzo(a)pyrene	50-32-8	EPA 525.2	0.2	0.02	**BDL**	
3/23/20	3/26/20	200323059-01G	Carbofuran	1563-66-2	EPA 531.1	40	0.9	**BDL**	
3/23/20	3/28/20	200323059-01C	Chlordane	57-74-9	EPA 505	2	0.2	**BDL**	
3/23/20	3/28/20	200323059-01D	Dalapon	75-99-0	EPA 515.4	200	1	**BDL**	
3/23/20	3/26/20	200323059-01F	Di(2-ethylhexyl)adipate	103-23-1	EPA 525.2	400	0.6	**BDL**	
3/23/20	3/26/20	200323059-01F	Di(2-ethylhexyl)phthalate	117-81-7	EPA 525.2	6	0.6	**BDL**	
3/23/20	3/28/20	200323059-01D	Dinoseb	85-85-7	EPA 515.4	7	0.2	**BDL**	
3/23/20	3/28/20	200323059-01I	Diquat	85-00-7	EPA 549.2	20	0.4	**BDL**	
3/23/20	3/31/20	200323059-01H	Endothall	145-73-3	EPA 548.1	100	9	**BDL**	
3/23/20	3/28/20	200323059-01C	Endrin	72-20-8	EPA 505	2	0.01	**BDL**	
3/23/20	3/27/20	200323059-01B	Ethylene dibromide	106-93-4	EPA 504.1	0.05	0.01	**BDL**	
3/23/20	3/26/20	200323059-01F	Heptachlor	76-44-8	EPA 525.2	0.4	0.04	**BDL**	
3/23/20	3/28/20	200323059-01C	Heptachlor epoxide	1024-57-3	EPA 505	0.2	0.02	**BDL**	
3/23/20	3/28/20	200323059-01C	Hexachlorobenzene	118-74-1	EPA 505	1	0.1	**BDL**	
3/23/20	3/28/20	200323059-01C	Hexachlorocyclopentadiene	77-47-4	EPA 505	50	0.1	**BDL**	
3/23/20	3/28/20	200323059-01C	Lindane	58-89-9	EPA 505	0.2	0.02	**BDL**	
3/23/20	3/28/20	200323059-01C	Methoxychlor	72-43-5	EPA 505	40	0.1	**BDL**	
3/23/20	3/26/20	200323059-01G	Oxamyl	23135-22-0	EPA 531.1	200	1	**BDL**	
3/23/20	3/28/20	200323059-01D	Pentachlorophenol	87-86-5	EPA 515.4	1	0.04	**BDL**	
3/23/20	3/28/20	200323059-01D	Picloram	1918-02-1	EPA 515.4	500	0.1	**BDL**	
3/23/20	3/28/20	200323059-01C	Polychlorinated biphenyl's	1336-36-3	EPA 505	0.5	0.1	**BDL**	
3/23/20	3/26/20	200323059-01F	Simazine	122-34-9	EPA 525.2	4	0.07	**BDL**	
3/23/20	3/28/20	200323059-01C	Toxaphene	8001-35-2	EPA 505	3	1	**BDL**	

NT: Not Tested ug/L: Micrograms per Liter MCL: Maximum Contaminant Level BDL Below Laboratory MRL A less than sign (<) may also be used.

200323059-01 N 2/2
4/8/20

Drinking Water Chain of Custody

Colorado Analytical LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	Bill To Information (If different from report to)	Project Information
Company Name: ~~VINCENT CROWDER~~ SOP-Benet Hill Monastery	Company Name: ~~Benet Hill Monastery~~ (SAME)	PWSID: CO0121702
Contact Name: Vincent Crowder	Contact Name:	System Name: Sanctuary of Peace POA
Address: 3190 Benet LN	Address:	Compliance Samples: Yes ☑ No ☐
City: Colorado Spgs State: Co Zip: 80921	City: State: Zip:	Send Results to CDPHE: Yes ☑ No ☐
Phone: 720-839-0752	Phone:	Task Number (Lab Use Only) CAL Task No. 200323059
Email: VCrowder@benethillmonastery.org	Email:	
Sample Collector: DS		
Sample Collector Phone: 719-205-0201	PO Number:	

PHASE I, II, V Drinking Water Analyses (check requested analysis) | **Subcontract Analyses**

Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	Total Coliform P/A	504.1 EDB/DBCP	505 Pests/PCBs	515.4 Herbicides	524.2 VOCs	525.2 SOCs-Pest	531.1 Carbamates	547 Glyphosate	548.1 Endothall	549.2 Diquat	524.2 TTHMs	552.2 HAA5s	Lead/Copper	Nitrate	Nitrite	Fluoride	Inorganics	Alk./Lang. Index (Circle)	TOC, DOC (Circle)	SUVA, UV 254 (Circle)	Bacteriology	Gross Alpha/Beta	Radium 226/228	Radon	Uranium	Chloride
3-23-20	11:30	SANCTUARY WELL	1	0																	X									
3-23-20	11:30	SANCTUARY WELL	1	0														X	X	X										
3-23-20	11:30	SANCTUARY WELL	1	0										X																
3-23-20	11:30	SANCTUARY WELL	2	0						X																				
3-23-20	11:30	SANCTUARY WELL	1	0									X																	
3-23-20	11:30	SANCTUARY WELL	1	0				X																						
3-23-20	11:30	SANCTUARY WELL	1	0																					X	~~X~~				
3-23-20	11:30	SANCTUARY WELL	3	0		X																								
3-23-20	11:30	SANCTUARY WELL	3	0					X																					
3-23-20	11:30	SANCTUARY WELL	2	0							X																			
3-23-20	11:30	SANCTUARY WELL	3	0			X																							

Instructions: 504 Field Blank
VOC Trip Blank

C/S Info:

Seals Present Yes ☐ No ☒ Headspace Yes ☐ No ☒

Delivered Via: C/S Charge ☒

Temp. 1.4 °C /Ice ✓ Sample Pres. Yes ☑ No ☐

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/23/20 4:05 pm		3/23/20				

1610

Colorado Department of Public Health and Environment

Inorganic Chemicals Certified Laboratory Report Form
WQCD - Drinking Water CAS
Submit Online at http://www.wqcdcompliance.com/login

Revised 4/13/2015

IOC

Section I (Supplied or Completed by Public Water System)		Section II (Supplied or Completed by Certified Laboratory)
Public Water System Information		**Certified Laboratory Information**
PWSID#:		Laboratory ID: CO 0015
System Name: Sanctuary of Peace New Well		Laboratory Name: Colorado Analytical Laboratory
Contact Person: Vincent Crowder	Phone #:	Contact Person: Customer Service Phone: 303-659-2313
Comments:	Do Samples Need to be Composited BY THE LAB? ☐	Comments:

Section III (Supplied or Completed by Public Water System)

Sample Date: 3/23/20	Collector: David Stanford	Facility ID (On Schedule): Sanctuary Well	Sample Pt ID (On Schedule): **Sanctuary Well**

Section IV Inorganic Chemicals (Completed by Certified Laboratory)

Lab Receipt Date	Lab Analysis Date	Lab Sample ID	Analyte Name	CAS No.	Analytical Method	MCL (mg/L)	Lab MRL (mg/L)	Result (mg/L)
3/23/20	3/30/20	200323059-01A	Antimony	7740-36-0	EPA 200.8	0.006	0.001	**BDL**
3/23/20	3/30/20	200323059-01A	Arsenic	7440-38-2	EPA 200.8	0.01	0.001	**BDL**
3/23/20	3/30/20	200323059-01A	Barium	7440-39-3	EPA 200.8	2	0.001	**0.018**
3/23/20	3/30/20	200323059-01A	Beryllium	7440-41-7	EPA 200.8	0.004	0.001	**BDL**
3/23/20	3/30/20	200323059-01A	Cadmium	7440-43-9	EPA 200.8	0.005	0.001	**BDL**
3/23/20	3/30/20	200323059-01A	Chromium	7440-47-3	EPA 200.8	0.1	0.001	**BDL**
3/23/20	3/30/20	200323059-01A	Mercury	7439-97-6	EPA 200.8	0.002	0.0001	**BDL**
3/23/20	3/30/20	200323059-01A	Nickel	7440-02-0	EPA 200.8	N/A	0.001	**BDL**
3/23/20	3/30/20	200323059-01A	Selenium	7782-49-2	EPA 200.8	0.05	0.001	**0.002**
3/23/20	3/26/20	200323059-01A	Sodium	7440-23-5	EPA 200.7	N/A	0.1	**8.7**
3/23/20	3/30/20	200323059-01A	Thallium	7440-28-0	EPA 200.8	0.002	0.001	**BDL**

NT: Not Tested
Lab MRL: Laboratory Minimum Reporting Level
BDL: Below Laboratory MRL. A less than (<) may also used.

mg/L: Milligrams per Liter
MCL: Maximum Contaminant Level

4/8/20
200323059-01A
1/1
N

Drinking Water Chain of Custody

Colorado Analytical LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	**Bill To Information** (If different from report to)	**Project Information**
Company Name: VSOP-Benet Hill Monastery ~~VINCENT CROWDER~~	Company Name: ~~Benet Hill Monastery~~ (SAME)	PWSID: CO0121702
Contact Name: Vincent Crowder	Contact Name:	System Name: Sanctuary of Peace POA
Address: 3190 Benet Ln	Address:	Compliance Samples: Yes ☑ No ☐
City: Colorado Spgs State: Co Zip: 80921	City: State: Zip:	Send Results to CDPHE: Yes ☑ No ☐
Phone: 720-839-0752	Phone:	Task Number (Lab Use Only) CAL Task No. 200323059
Email: VCrowder@benethillmonastery.org	Email:	
Sample Collector: DS		
Sample Collector Phone: 719-205-0201	PO Number:	

PHASE I, II, V Drinking Water Analyses (check requested analysis) | **Subcontract Analyses**

Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	Total Coliform P/A	504.1 EDB/DBCP	505 Pests/PCBs	515.4 Herbicides	524.2 VOCs	525.2 SOCs-Pest	531.1 Carbamates	547 Glyphosate	548.1 Endothall	549.2 Diquat	524.2 TTHMs	552.2 HAA5s	Lead/Copper	Nitrate	Nitrite	Fluoride	Inorganics	Alk./Lang. Index (Circle)	TOC, DOC (Circle)	SUVA, UV 254 (Circle)	Radionuclides	Gross Alpha/Beta	Radium 226/228	Radon	Uranium	Chlorate
3-23-20	11:30	SANCTUARY WELL	1	0																	X									
3-23-20	11:30	SANCTUARY WELL	1	0														X	X	X										
3-23-20	11:30	SANCTUARY WELL	1	0										X																
3-23-20	11:30	SANCTUARY WELL	2	0						X																				
3-23-20	11:30	SANCTUARY WELL	1	0									X																	
3-23-20	11:30	SANCTUARY WELL	1	0				X																						
3-23-20	11:30	SANCTUARY WELL	1	0																					X					
3-23-20	11:30	SANCTUARY WELL	3	0		X																								
3-23-20	11:30	SANCTUARY WELL	3	0					X																					
3-23-20	11:30	SANCTUARY WELL	3	0							X																			
3-23-20	11:30	SANCTUARY WELL	3	0			X																							

Instructions: 504 Field Blank
VOC Trip Blank

C/S Info:

Delivered Via: C/S Charge ☒

Seals Present Yes ☐ No ☒ Headspace Yes ☐ No ☒

Temp. 4 °C /Ice ✓ Sample Pres. Yes ☐ No ☐

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/23/20 4:05 PM		3/23/20				

1610

Colorado Department of Public Health and Environment

Inorganic Chemicals Certified Laboratory Report Form
WQCD - Drinking Water CAS
4300 Cherry Creek Drive South, Denver, CO 80246-1530
Fax: (303) 758-1398; cdphe.drinkingwater@state.co.us

Revised 6/13/2014

IOC

Section I (Supplied or Completed by Public Water System)		Section II (Supplied or Completed by Certified Laboratory)	
Public Water System Information		**Certified Laboratory Information**	
PWSID#:		Laboratory ID: CO 0015	
System Name: Sanctuary of Peace New Well		Laboratory Name: Colorado Analytical Laboratory	
Contact Person: Vincent Crowder	Phone #: 719-355-1639	Contact Person: Customer Service	Phone: 303-659-2313
Comments:	Do Samples Need to be Composited BY THE LAB? ☐	Comments:	

Section III (Supplied or Completed by Public Water System)			
Sample Date: 3/23/20	Collector: David Stanford	Facility ID (On Schedule): Sanctuary Well	Sample Pt ID (On Schedule): **Sanctuary Well**

Section IV Inorganic Chemicals (Completed by Certified Laboratory)

Lab Receipt Date	Lab Analysis Date	Lab Sample ID	Analyte Name	CAS No.	Analytical Method	MCL (mg/L)	Lab MRL (mg/L)	Result (mg/L)
3/23/20	3/24/20	200323059-01	Fluoride	7681-49-4	EPA 300.0	4	0.09	**0.30**

NT: Not Tested
Lab MRL: Laboratory Minimum Reporting Level
BDL: Below Laboratory MRL. A less than (<) may also used.

mg/L: Milligrams per Liter
MCL: Maximum Contaminant Level

4/8/20
200323059-01
1/1
N

Drinking Water Chain of Custody

Colorado Analytical LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	**Bill To Information** (If different from report to)	**Project Information**
Company Name: ISOP-Benet Hill Monastery ~~VINCENT CROWDER~~	Company Name: ~~Benet Hill Monastery~~ (SAME)	PWSID: CO0121702
Contact Name: Vincent Crowder	Contact Name:	System Name: Sanctuary at Pez Bel POA
Address: 3190 Benet LN	Address:	Compliance Samples: Yes ☑ No ☐
City: Colorado Spgs State: Co Zip: 80921	City: State: Zip:	Send Results to CDPHE: Yes ☑ No ☐
Phone: 720-839-0752	Phone:	Task Number (Lab Use Only) CAL Task No. 200323059
Email: VCrowder@benethillmonastery.org	Email:	
Sample Collector: DS		
Sample Collector Phone: 719-205-0201	PO Number:	

PHASE I, II, V Drinking Water Analyses (check requested analysis) | **Subcontract Analyses**

Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	Total Coliform P/A	504.1 EDB/DBCP	505 Pests/PCBs	515.4 Herbicides	524.2 VOCs	525.2 SOCs-Pest	531.1 Carbamates	547 Glyphosate	548.1 Endothall	549.2 Diquat	524.2 TTHMs	552.2 HAA5s	Lead/Copper	Nitrate	Nitrite	Fluoride	Inorganics	Alk./Lang. Index (Circle)	TOC, DOC (Circle)	SUVA, UV 254 (Circle)	Gr. Alpha/Beta	Gross Alpha/Beta	Radium 226/228	Radon	Uranium	Chloride
3-23-20	11:30	SANCTUARY WELL	1	0																	X									
3-23-20	11:30	SANCTUARY WELL	1	0														X	X	X										
3-23-20	11:30	SANCTUARY WELL	1	0										X																
3-23-20	11:30	SANCTUARY WELL	2	0						X																				
3-23-20	11:30	SANCTUARY WELL	1	0									X																	
3-23-20	11:30	SANCTUARY WELL	1	0				X																						
3-23-20	11:30	SANCTUARY WELL	1	0																					X	X				
3-23-20	11:30	SANCTUARY WELL	3	0		X																								
3-23-20	11:30	SANCTUARY WELL	3	0					X																					
3-23-20	11:30	SANCTUARY WELL	3	0			X				X																			
3-23-20	11:30	SANCTUARY WELL	3	0			X				X																			

Instructions: 504 Field Blank
VOC Trip Blank

C/S Info:

Delivered Via: C/S Charge ☒ K

Seals Present Yes ☐ No ☒ Headspace Yes ☐ No ☒

Temp. 4 °C /Ice Y Sample Pres. Yes ☒ No ☐

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/23/20 4:05 PM	Adams	3/23/20				

1610

Colorado Department of Public Health and Environment

Nitrate and Nitrite as Nitrogen Certified Laboratory Report Form
WQCD - Drinking Water CAS
Submit Online at http://www.wqcdcompliance.com/login

Revised 4/13/2015

NOX

Section I (Supplied or Completed by Public Water System)		Section II (Supplied or Completed by Certified Laboratory)	
Public Water System Information		**Certified Laboratory Information**	
PWSID#:		Laboratory ID: CO 0015	
System Name: Sanctuary of Peace New Well		Laboratory Name: Colorado Analytical Laboratory	
Contact Person: Vincent Crowder	Phone #: 719-355-1639	Contact Person: Customer Service	Phone: 303-659-2313
Comments:		Comments:	

Section III (Supplied or Completed by Public Water System)					Section IV (Supplied or Completed by Certified Laboratory)							
Sample Date	Collector	Facility ID On Schedule	Sample Pt ID On Schedule	Confirmation?	Lab Receipt Date	Lab Analysis Date	Laboratory Sample ID #	Analyte	Analytical Method	MCL (mg/L)	Lab MRL (mg/L)	Result (mg/L)
3/23/20	David Stanford	Sanctuary Well	Sanctuary Well	☐	3/23/20	3/24/20	200323059-01	Nitrate Nitrogen	EPA 300.0	10	0.1	**0.3**
3/23/20	David Stanford	Sanctuary Well	Sanctuary Well	☐	3/23/20	3/24/20	200323059-01	Nitrite Nitrogen	EPA 300.0	1	0.1	**BDL**

NT: Not Tested
Lab MRL: Laboratory Minimum Reporting Level
BDL: Below Laboratory MRL. A less than (<) may also used.

mg/L: Milligrams per Liter
MCL: Maximum Contaminant Level

4/8/20
200323059-01
1/1
N

Drinking Water Chain of Custody

Colorado Analytical LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	Bill To Information (If different from report to)	Project Information
Company Name: ~~VINCENT CROWDER SOP~~ SOP-Benet Hill Monastery	Company Name: ~~Benet Hill Monastery~~ Benet (SAME)	PWSID: CO0121702
Contact Name: Vincent Crowder	Contact Name:	System Name: Sanctuary at Peerless POA
Address: 3190 Benet LN	Address:	Compliance Samples: Yes ☑ No ☐
City: Colorado Springs State: CO Zip: 80921	City: State: Zip:	Send Results to CDPHE: Yes ☑ No ☐
Phone: 720-839-0752	Phone:	Task Number (Lab Use Only) CAL Task No. 200323059
Email: VCrowder@benethillmonastery.org	Email:	
Sample Collector: DS		
Sample Collector Phone: 719-205-0201	PO Number:	

PHASE I, II, V Drinking Water Analyses (check requested analysis) | **Subcontract Analyses**

Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	Total Coliform P/A	504.1 EDB/DBCP	505 Pests/PCBs	515.4 Herbicides	524.2 VOCs	525.2 SOCs-Pest	531.1 Carbamates	547 Glyphosate	548.1 Endothall	549.2 Diquat	524.2 TTHMs	552.2 HAA5s	Lead/Copper	Nitrate	Nitrite	Fluoride	Inorganics	Alk./Lang. Index (Circle)	TOC, DOC (Circle)	SUVA, UV 254 (Circle)	Bromide	Gross Alpha/Beta	Radium 226/228	Radon	Uranium	Chlorate
3-23-20	11:30	SANCTUARY WELL	1	0																	X								
3-23-20	11:30	SANCTUARY WELL	1	0														X	X	X									
3-23-20	11:30	SANCTUARY WELL	1	0										X															
3-23-20	11:30	SANCTUARY WELL	2	0						X																			
3-23-20	11:30	SANCTUARY WELL	1	0									X																
3-23-20	11:30	SANCTUARY WELL	1	0				X																					
3-23-20	11:30	SANCTUARY WELL	1	0																					X				
3-23-20	11:30	SANCTUARY WELL	3	0		X																							
3-23-20	11:30	SANCTUARY WELL	3	0					X																				
3-23-20	11:30	SANCTUARY WELL	2	0							X																		
3-23-20	11:30	SANCTUARY WELL	3	0			X																						

Instructions: 504 Field Blank
VOC Trip Blank

C/S Info:

Delivered Via: C/S Charge ☒

Seals Present Yes ☐ No ☒ Headspace Yes ☐ No ☒

Temp. 14 °C /Ice Sample Pres. Yes ☒ No ☐

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/23/20 4:05 PM	Adams	3/23/20 1610				

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

April 15, 2020

Report to:
Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

Bill to:
Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

Project ID:
ACZ Project ID: L58108

Vincent Crowder:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on March 24, 2020. This project has been assigned to ACZ's project number, L58108. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L58108. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after May 15, 2020. If the samples are determined to be hazardous, additional charges apply for disposal (typically $11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.

Bill Lane has reviewed and approved this report

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

RadioChemistry Analytical Results

Benet Hill Monastery
Project ID:
Sample ID: NEW WELL-SOP
Locator:

ACZ Sample ID: ***L58108-01***
Date Sampled: *03/23/20 11:30*
Date Received: *03/24/20*
Sample Matrix: *Drinking Water*

Combined Radium (total)
Calculation (RA226 + RA228)

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Combined Radium (total)	04/15/20 11:50		1.3			pCi/L		calc

Gross Alpha & Beta, total
M900.0

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Alpha	04/08/20 0:24		1.8	1.2	1	pCi/L	*	amk
Beta	04/08/20 0:24		1.9	1.9	2	pCi/L	*	amk

Radium 226, total
M903.1

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226, total	04/14/20 0:07		0.55	0.19	0.17	pCi/L	*	djc

Radium 228, total
M904.0

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	04/09/20 11:08		0.79	0.44	0.42	pCi/L		isn

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Radiochemistry Reference

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Error(+/-)	Calculated sample specific uncertainty
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
LCL	Lower Control Limit, in % (except for LCSS, mg/Kg)
LLD	Calculated sample specific Lower Limit of Detection
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)
RER	Relative Error Ratio, calculation used for Dup. QC taking into account the error factor.
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
UCL	Upper Control Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

DUP	Sample Duplicate	*MS/MSD*	Matrix Spike/Matrix Spike Duplicate
LCSS	Laboratory Control Sample - Soil	*PBS*	Prep Blank - Soil
LCSW	Laboratory Control Sample - Water	*PBW*	Prep Blank - Water

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Matrix Spikes	Determines sample matrix interferences, if any.

ACZ Qualifiers (Qual)

H	Analysis exceeded method hold time.

Method Prefix Reference

M	EPA methodology, including those under SDWA, CWA, and RCRA
SM	Standard Methods for the Examination of Water and Wastewater.
D	ASTM
RP	DOE
ESM	DOE/ESM

Comments

(1)	Solid matrices are reported on a dry weight basis.
(2)	Preparation method: "Method" indicates preparation defined in analytical method.
(3)	QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click:
https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

Benet Hill Monastery ACZ Project ID: ***L58108***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Alpha M900.0 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494838																
WG494838PBW	PBW	04/08/20						-.42	0.18	0.76			1.52			
WG494838LCSWA	LCSW	04/08/20	PCN60283	100				120	9.5	1.2	120	67	144			
L58065-01DUP	DUP-RPD	04/08/20			18	5.2	8.7	29	6.5	7.7				47	20	RG
L58065-01DUP	DUP-RER	04/08/20			18	5.2	8.7	29	6.5	7.7				1.32	2	
L58084-01MSA	MS	04/08/20	PCN60283	100	1.1	1.9	15	60	9.2	7.3	59	67	144			M2
L58139-02DUP	DUP-RER	04/08/20			-0.33	0.6	4.8	-.1	0.76	4.4				0.24	2	
L58139-02DUP	DUP-RPD	04/08/20			-0.33	0.6	4.8	-.1	0.76	4.4				107	20	RG

Beta M900.0 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494838																
WG494838PBW	PBW	04/08/20						.22	1.8	1.9			3.8			
WG494838LCSWB	LCSW	04/08/20	RC190918-11	102.6				87	5.9	2.6	85	82	122			
L58065-01DUP	DUP-RPD	04/08/20			14	3.5	5.4	15	3.8	9.4				7	20	
L58139-01MSB	MS	04/08/20	RC190918-11	102.6	13	3.5	12	120	7	9.4	104	82	122			
L58139-02DUP	DUP-RPD	04/08/20			-2.7	2.3	6.6	-1.3	2.6	8				70	20	RG
L58139-02DUP	DUP-RER	04/08/20			-2.7	2.3	6.6	-1.3	2.6	8				0.4	2	

Radium 226, total M903.1 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494980																
WG494980PBW	PBW	04/14/20						.09	0.08	0.08			0.16			
WG494980LCSW	LCSW	04/14/20	PCN57864	20				22	0.65	0.08	110	43	148			
L58104-01DUP	DUP-RER	04/14/20			0.29	0.12	0.15	.17	0.1	0.1				0.77	2	
L58104-01DUP	DUP-RPD	04/14/20			0.29	0.12	0.15	.17	0.1	0.1				52	20	RG
L58208-02DUP	DUP-RPD	04/14/20			0.72	0.15	0.2	.74	0.13	0.06				3	20	
L58108-01MS	MS	04/14/20	PCN57864	20	0.55	0.19	0.17	19	0.55	0.06	92	43	148			

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Radiochemistry QC Summary

Benet Hill Monastery

ACZ Project ID: ***L58108***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Radium 228, total M904.0 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494982																
L58112-01DUP	DUP-RPD	04/09/20			0.48	0.77	1.8	.43	0.8	1.8				11	20	
L58112-02MS	MS	04/09/20	PCN58076	8.6	0.96	0.8	1.9	11	1.2	1.8	117	47	123			
WG494982LCSW	LCSW	04/09/20	PCN58076	8.6				9.5	1.2	0.81	110	47	123			
WG494982PBW	PBW	04/09/20						.49	0.39	0.39			0.78			
L58208-01DUP	DUP-RPD	04/09/20			0.14	0.83	2.2	.19	0.85	2.1				30	20	RG
L58208-01DUP	DUP-RER	04/09/20			0.14	0.83	2.2	.19	0.85	2.1				0.04	2	

ACZ Laboratories, Inc.
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RadChem Extended Qualifier Report

Benet Hill Monastery

ACZ Project ID: ***L58108***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L58108-01	WG494838	Alpha	M900.0	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			M900.0	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.
		Beta	M900.0	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.
	WG494980	Radium 226, total	M903.1	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.

No certification qualifiers associated with this analysis

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Benet Hill Monastery

ACZ Project ID: L58108
Date Received: 03/24/2020 11:34
Received By:
Date Printed: 3/25/2020

Receipt Verification

	YES	NO	NA
1) Is a foreign soil permit included for applicable samples?			X
2) Is the Chain of Custody form or other directive shipping papers present?	X		
3) Does this project require special handling procedures such as CLP protocol?		X	
4) Are any samples NRC licensable material?			X
5) If samples are received past hold time, proceed with requested short hold time analyses?	X		
6) Is the Chain of Custody form complete and accurate?	X		
7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?	X		

A change was made in the Matrix Line 2 and # of Containers section prior to ACZ custody.

Samples/Containers

	YES	NO	NA
8) Are all containers intact and with no leaks?	X		
9) Are all labels on containers and are they intact and legible?	X		
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	X		
11) For preserved bottle types, was the pH checked and within limits? [1]	X		
12) Is there sufficient sample volume to perform all requested work?	X		
13) Is the custody seal intact on all containers?			X
14) Are samples that require zero headspace acceptable?			X
15) Are all sample containers appropriate for analytical requirements?	X		
16) Is there an Hg-1631 trip blank present?			X
17) Is there a VOA trip blank present?			X
18) Were all samples received within hold time?	X		

NA indicates Not Applicable

Chain of Custody Related Remarks

Client Contact Remarks

Shipping Containers

Cooler Id	Temp(°C)	Temp Criteria(°C)	Rad(µR/Hr)	Custody Seal Intact?
6114	15.1	NA	14	N/A

Was ice present in the shipment container(s)?

No - Wet or gel ice was not present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

ACZ Laboratories, Inc.
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Sample Receipt

Benet Hill Monastery

ACZ Project ID: L58108
Date Received: 03/24/2020 11:34
Received By:
Date Printed: 3/25/2020

[1] The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na2S2O3 preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

ACZ Laboratories, Inc. L58108

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

CHAIN of CUSTODY

Report to:

Name: Vincent Crowder
Company: Benet Hill Monastery
E-mail: vcrowder@benethillmonastery.org

Address: 3190 Benet Lane
Colorado Springs, CO 80921
Telephone: 719-355-1635 /cell. 720.839.0752 (*)

Copy of Report to:

Name: same
Company:
E-mail:
Telephone:

Invoice to:

Name: same
Company:
E-mail:
Address:
Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES [X] NO [ ]

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified

Are samples for SDWA Compliance Monitoring? Yes [ ] No [X]

If yes, please include state forms. Results will be reported to PQL for Colorado.

Sampler's Name: D Stanford **Sampler's Site Information** State CO Zip code 80921 Time Zone MST

***Sampler's Signature:**

*I attest to the authenticity and validity of this sample. I understand that intentionally mislabeling the time/date/location or tampering with the sample in anyway, is considered fraud and punishable by State Law.

PROJECT INFORMATION

Quote #: RADCHEM
PO#:
Reporting state for compliance testing:
Check box if samples include NRC licensed material? [ ]

ANALYSES REQUESTED *(attach list or use quote number)*

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	Gross Alpha-Beta Total	Combined Radium Total	Radium-228, Total	Radium-226, Total				
NEW Well-SOP	03/23/2022 11:30 AM	GW	2	[X]	[X]	[X]	[X]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
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				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
Vincent Crowder	3.23.20 / 1:30PM	[signature]	3/24/20 11:34

FRMAD050.06.14.14 White - Return with sample. Yellow - Retain for your records.

L58108 Chain of Custod

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Quote

Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

3/6/2020

Quote Number: RADCHEM

Matrix: Drinking Water 1 Sample, Quarterly Testing for Radiochemistry Parameters

Parameter	Method	Detection Limit	Cost/Sample
Diskette/QC Summary			
Quality Control Summary			$0.00
Misc.			
Electronic Data Deliverable			$0.00
Radiochemistry			
Combined Radium (total)	Calculation (RA226 + RA228)	2	$0.00
Gross Alpha & Beta, total	M900.0	1.5 to 3 pCi/L	$51.50
Radium 226, total	M903.1	0.4 pCi/L	$94.75
Radium 228, total	M904.0	1 pCi/L	$94.75
		Cost/Sample:	**$241.00**

This quote is based on a Standard Turn Around Time (TAT) of approximately 21 days (15 business days). TAT may vary with seasonal heavy workload. Please contact your PM if rush TAT is required. Rush TAT must be pre-approved prior to sample shipment to assure that due dates can be met. Pricing includes standard reporting formats and standard ACZ EDDs. All projects received are subject to a $125.00 Minimum Invoice Charge. Please note that method detection limits are estimates and may be elevated depending on sample matrix that require dilution. Pricing includes coolers, bottles pre-preserved as needed, labels, COCs and ice-packs shipped to your site or office via UPS ground. Return shipping is the responsibility of the client. Please allow ample time for your bottles to arrive. ACZ assigns a Project Manager to all of our clients. Your Project Manager is Bill Lane. Bill will serve as your main point of contact for all bottle orders, report statuses, questions on your data and changes to your account, and can be reached at billl@acz.com or 970-879-6590 ext 606.

Paid Online by Credit Card
3.23.2020 11:46 AM
Trans. Id 419026762496
VISA xxx-7908

REPAD.09.06.05.01 S/ tjv D/ 21 P/

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Quote

Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

Quote Number: RADCHEM

CONTRACT DETAILS
Pricing includes coolers, bottles pre-preserved as needed, labels, COCs and ice packs shipped to your site or office via UPS ground. Return shipping is the responsibility of the client. Please allow three to five days for delivery when ordering containers. ACZ must be notified prior to receiving samples of all special requests such as electronic data deliverables or special reporting requirements. The client will be charged for special sample containers or express shipping and additional charges may apply for non-standard requests.

This quotation is valid for six months from the bid date unless specified otherwise in the bid. All bids must be signed and returned to ACZ before the project(s) is received. The authorized signature represents acceptance of the pricing as well as the general terms and conditions of ACZ Laboratories, Inc. which may be downloaded from our web site at http://www.acz.com/wp-content/uploads/2015/10/ACZ_Terms_Conditions.pdf. Please note that MDL's in this quote may possibly increase due to sample matrix or samples with high TDS.

All orders that require shipping of coolers are subject to a minimum charge of $200.00. Local orders without shipping are subject to a minimum charge of $125.00. Samples may incur a $11.00/sample disposal fee for any samples deemed to be hazardous.

ACZ Representative (Authorized signature and date) _____

Client Representative (Authorized signature and date) _____ Vincent Crowder 3/23/2020

REPAD.09.06.05.01

S/ tjv D/ 21 P/

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

April 15, 2020

Report to:
Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

Bill to:
Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

Project ID:
ACZ Project ID: L58108

Vincent Crowder:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on March 24, 2020. This project has been assigned to ACZ's project number, L58108. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L58108. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after May 15, 2020. If the samples are determined to be hazardous, additional charges apply for disposal (typically $11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.

Bill Lane has reviewed and approved this report

Benet Hill Monastery
Project ID:
Sample ID: NEW WELL-SOP

ACZ Sample ID: ***L58108-01***
Date Sampled: *03/23/20 11:30*
Date Received: *03/24/20*
Sample Matrix: *Drinking Water*

Inorganic Prep

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP-MS								07/06/20 5:25	enb

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Uranium, total	M200.8 ICP-MS	1	0.0014			mg/L	0.0001	0.0005	07/06/20 13:32	bsu

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
Lower	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
MDL	Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5). Allows for instrument and annual fluctuations.
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit. Synonymous with the EPA term "minimum level".
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
Upper	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

AS	Analytical Spike (Post Digestion)	*LCSWD*	Laboratory Control Sample - Water Duplicate
ASD	Analytical Spike (Post Digestion) Duplicate	*LFB*	Laboratory Fortified Blank
CCB	Continuing Calibration Blank	*LFM*	Laboratory Fortified Matrix
CCV	Continuing Calibration Verification standard	*LFMD*	Laboratory Fortified Matrix Duplicate
DUP	Sample Duplicate	*LRB*	Laboratory Reagent Blank
ICB	Initial Calibration Blank	*MS*	Matrix Spike
ICV	Initial Calibration Verification standard	*MSD*	Matrix Spike Duplicate
ICSAB	Inter-element Correction Standard - A plus B solutions	*PBS*	Prep Blank - Soil
LCSS	Laboratory Control Sample - Soil	*PBW*	Prep Blank - Water
LCSSD	Laboratory Control Sample - Soil Duplicate	*PQV*	Practical Quantitation Verification standard
LCSW	Laboratory Control Sample - Water	*SDL*	Serial Dilution

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.
Standard	Verifies the validity of the calibration.

ACZ Qualifiers (Qual)

B	Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
H	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
L	Target analyte response was below the laboratory defined negative threshold.
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

Method References

(1)	EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
(2)	EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
(3)	EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
(4)	EPA SW-846. Test Methods for Evaluating Solid Waste.
(5)	Standard Methods for the Examination of Water and Wastewater.

Comments

(1)	QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(2)	Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
(3)	Animal matrices for Inorganic analyses are reported on an "as received" basis.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
(5)	If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:
https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

Benet Hill Monastery

ACZ Project ID: ***L58108***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Uranium, total M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG500808													
WG500808ICV	ICV	07/06/20 13:24	MS200701-2	.05		.05334	mg/L	107	90	110			
WG500808ICB	ICB	07/06/20 13:26				U	mg/L		-0.0003	0.0003			
WG500760LRB	LRB	07/06/20 13:29				U	mg/L		-0.00022	0.00022			
WG500760LFB	LFB	07/06/20 13:31	MS200421-3	.05		.05255	mg/L	105	85	115			
L59900-08LFM	LFM	07/06/20 13:51	MS200421-3	.05	U	.05427	mg/L	109	70	130			
L59900-08LFMD	LFMD	07/06/20 13:52	MS200421-3	.05	U	.05444	mg/L	109	70	130	0	20	

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Extended Qualifier Report

Benet Hill Monastery

ACZ Project ID: ***L58108***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION

No extended qualifiers associated with this analysis

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

RadioChemistry Analytical Results

Benet Hill Monastery
Project ID:
Sample ID: NEW WELL-SOP
Locator:

ACZ Sample ID: ***L58108-01***
Date Sampled: *03/23/20 11:30*
Date Received: *03/24/20*
Sample Matrix: *Drinking Water*

Combined Radium (total)
Calculation (RA226 + RA228)

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Combined Radium (total)	04/15/20 11:50		1.3			pCi/L		calc

Gross Alpha & Beta, total
WG494838

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha								SREV
Gross Beta								SREV

Radium 226, total
M903.1

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226, total	04/14/20 0:07		0.55	0.19	0.17	pCi/L	*	djc

Radium 228, total
M904.0

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	04/09/20 11:08		0.79	0.44	0.42	pCi/L		isn

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Radiochemistry Reference

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Error(+/-)	Calculated sample specific uncertainty
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
LCL	Lower Control Limit, in % (except for LCSS, mg/Kg)
LLD	Calculated sample specific Lower Limit of Detection
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)
RER	Relative Error Ratio, calculation used for Dup. QC taking into account the error factor.
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
UCL	Upper Control Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

DUP	Sample Duplicate	*MS/MSD*	Matrix Spike/Matrix Spike Duplicate
LCSS	Laboratory Control Sample - Soil	*PBS*	Prep Blank - Soil
LCSW	Laboratory Control Sample - Water	*PBW*	Prep Blank - Water

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Matrix Spikes	Determines sample matrix interferences, if any.

ACZ Qualifiers (Qual)

H	Analysis exceeded method hold time.

Method Prefix Reference

M	EPA methodology, including those under SDWA, CWA, and RCRA
SM	Standard Methods for the Examination of Water and Wastewater.
D	ASTM
RP	DOE
ESM	DOE/ESM

Comments

(1)	Solid matrices are reported on a dry weight basis.
(2)	Preparation method: "Method" indicates preparation defined in analytical method.
(3)	QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click:
https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Radiochemistry QC Summary

Benet Hill Monastery ACZ Project ID: ***L58108***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Alpha M900.0 Units: pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494838																
WG494838PBW	PBW	04/08/20						-.42	0.18	0.76			1.52			
WG494838LCSWA	LCSW	04/08/20	PCN60283	100				120	9.5	1.2	120	67	144			
L58065-01DUP	DUP-RPD	04/08/20			18	5.2	8.7	29	6.5	7.7				47	20	RG
L58065-01DUP	DUP-RER	04/08/20			18	5.2	8.7	29	6.5	7.7				1.32	2	
L58084-01MSA	MS	04/08/20	PCN60283	100	1.1	1.9	15	60	9.2	7.3	59	67	144			M2
L58139-02DUP	DUP-RER	04/08/20			-0.33	0.6	4.8	-.1	0.76	4.4				0.24	2	
L58139-02DUP	DUP-RPD	04/08/20			-0.33	0.6	4.8	-.1	0.76	4.4				107	20	RG

Beta M900.0 Units: pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494838																
WG494838PBW	PBW	04/08/20						.22	1.8	1.9			3.8			
WG494838LCSWB	LCSW	04/08/20	RC190918-11	102.6				87	5.9	2.6	85	82	122			
L58065-01DUP	DUP-RPD	04/08/20			14	3.5	5.4	15	3.8	9.4				7	20	
L58139-01MSB	MS	04/08/20	RC190918-11	102.6	13	3.5	12	120	7	9.4	104	82	122			
L58139-02DUP	DUP-RPD	04/08/20			-2.7	2.3	6.6	-1.3	2.6	8				70	20	RG
L58139-02DUP	DUP-RER	04/08/20			-2.7	2.3	6.6	-1.3	2.6	8				0.4	2	

Radium 226, total M903.1 Units: pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494980																
WG494980PBW	PBW	04/14/20						.09	0.08	0.08			0.16			
WG494980LCSW	LCSW	04/14/20	PCN57864	20				22	0.65	0.08	110	43	148			
L58104-01DUP	DUP-RER	04/14/20			0.29	0.12	0.15	.17	0.1	0.1				0.77	2	
L58104-01DUP	DUP-RPD	04/14/20			0.29	0.12	0.15	.17	0.1	0.1				52	20	RG
L58208-02DUP	DUP-RPD	04/14/20			0.72	0.15	0.2	.74	0.13	0.06				3	20	
L58108-01MS	MS	04/14/20	PCN57864	20	0.55	0.19	0.17	19	0.55	0.06	92	43	148			

Benet Hill Monastery

ACZ Project ID: ***L58108***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Radium 228, total M904.0 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494982																
L58112-01DUP	DUP-RPD	04/09/20			0.48	0.77	1.8	.43	0.8	1.8				11	20	
L58112-02MS	MS	04/09/20	PCN58076	8.6	0.96	0.8	1.9	11	1.2	1.8	117	47	123			
WG494982LCSW	LCSW	04/09/20	PCN58076	8.6				9.5	1.2	0.81	110	47	123			
WG494982PBW	PBW	04/09/20						.49	0.39	0.39			0.78			
L58208-01DUP	DUP-RPD	04/09/20			0.14	0.83	2.2	.19	0.85	2.1				30	20	RG
L58208-01DUP	DUP-RER	04/09/20			0.14	0.83	2.2	.19	0.85	2.1				0.04	2	

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

RadChem Extended Qualifier Report

Benet Hill Monastery ACZ Project ID: ***L58108***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L58108-01	WG494980	Radium 226, total	M903.1	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.

No certification qualifiers associated with this analysis

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Benet Hill Monastery

ACZ Project ID: L58108
Date Received: 03/24/2020 11:34
Received By:
Date Printed: 3/25/2020

Receipt Verification

	YES	NO	NA
1) Is a foreign soil permit included for applicable samples?			X
2) Is the Chain of Custody form or other directive shipping papers present?	X		
3) Does this project require special handling procedures such as CLP protocol?		X	
4) Are any samples NRC licensable material?			X
5) If samples are received past hold time, proceed with requested short hold time analyses?	X		
6) Is the Chain of Custody form complete and accurate?	X		
7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?	X		

A change was made in the Matrix Line 2 and # of Containers section prior to ACZ custody.

Samples/Containers

	YES	NO	NA
8) Are all containers intact and with no leaks?	X		
9) Are all labels on containers and are they intact and legible?	X		
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	X		
11) For preserved bottle types, was the pH checked and within limits? [1]	X		
12) Is there sufficient sample volume to perform all requested work?	X		
13) Is the custody seal intact on all containers?			X
14) Are samples that require zero headspace acceptable?			X
15) Are all sample containers appropriate for analytical requirements?	X		
16) Is there an Hg-1631 trip blank present?			X
17) Is there a VOA trip blank present?			X
18) Were all samples received within hold time?	X		

NA indicates Not Applicable

Chain of Custody Related Remarks

Client Contact Remarks

Shipping Containers

Cooler Id	Temp(°C)	Temp Criteria(°C)	Rad(µR/Hr)	Custody Seal Intact?
6114	15.1	NA	14	N/A

Was ice present in the shipment container(s)?

No - Wet or gel ice was not present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Benet Hill Monastery

ACZ Project ID: L58108
Date Received: 03/24/2020 11:34
Received By:
Date Printed: 3/25/2020

[1] The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na2S2O3 preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

ACZ Laboratories, Inc. L58108

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

CHAIN of CUSTODY

Report to:

Name: Vincent Crowder
Company: Benet Hill Monastery
E-mail: vcrowder@benethillmonastery.org
Address: 3190 Benet Lane
Colorado Springs, CO 80921
Telephone: 719-355-1635 / cell · 720 · 839 · 0752 (*)

Copy of Report to:

Name: same
Company:
E-mail:
Telephone:

Invoice to:

Name: same
Company:
E-mail:
Address:
Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES [X] NO [ ]

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified

Are samples for SDWA Compliance Monitoring? Yes [ ] No [X]

If yes, please include state forms. Results will be reported to PQL for Colorado.

Sampler's Name: D Stanford **Sampler's Site Information** **State** CO **Zip code** 80921 **Time Zone** MST

***Sampler's Signature:** ____________

*I attest to the authenticity and validity of this sample. I understand that intentionally mislabeling the time/date/location or tampering with the sample in anyway, is considered fraud and punishable by State Law.

PROJECT INFORMATION — **ANALYSES REQUESTED** *(attach list or use quote number)*

Quote #: RADCHEM
PO#:
Reporting state for compliance testing:
Check box if samples include NRC licensed material? [ ]

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	Gross Alpha-Beta Total	Combined Radium Total	Radium-228, Total	Radium-226, Total				
NEW Well-SOP	03/23/2022 11:30 AM	GW	2	[X]	[X]	[X]	[X]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
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				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
Vincent Crowder	3·23·20 / 1:30PM	[signature]	3/24/20 11:34

FRMAD050.06.14.14 White - Return with sample. Yellow - Retain for your records.

L58108 Chain of Custod

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Quote

Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

3/6/2020

Quote Number: RADCHEM

Matrix: Drinking Water 1 Sample, Quarterly Testing for Radiochemistry Parameters

Parameter	Method	Detection Limit	Cost/Sample
Diskette/QC Summary			
Quality Control Summary			$0.00
Misc.			
Electronic Data Deliverable			$0.00
Radiochemistry			
Combined Radium (total)	Calculation (RA226 + RA228)	2	$0.00
Gross Alpha & Beta, total	M900.0	1.5 to 3 pCi/L	$51.50
Radium 226, total	M903.1	0.4 pCi/L	$94.75
Radium 228, total	M904.0	1 pCi/L	$94.75
		Cost/Sample:	**$241.00**

This quote is based on a Standard Turn Around Time (TAT) of approximately 21 days (15 business days). TAT may vary with seasonal heavy workload. Please contact your PM if rush TAT is required. Rush TAT must be pre-approved prior to sample shipment to assure that due dates can be met. Pricing includes standard reporting formats and standard ACZ EDDs. All projects received are subject to a $125.00 Minimum Invoice Charge. Please note that method detection limits are estimates and may be elevated depending on sample matrix that require dilution. Pricing includes coolers, bottles pre-preserved as needed, labels, COCs and ice-packs shipped to your site or office via UPS ground. Return shipping is the responsibility of the client. Please allow ample time for your bottles to arrive. ACZ assigns a Project Manager to all of our clients. Your Project Manager is Bill Lane. Bill will serve as your main point of contact for all bottle orders, report statuses, questions on your data and changes to your account, and can be reached at billl@acz.com or 970-879-6590 ext 606.

Paid Online by Credit Card
3.23.2020 11:46 AM
Trans. Id 419026762476
VISA xxx-7908

REPAD.09.06.05.01 S/ tjv D/ 21 P/

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Quote

Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

Quote Number: RADCHEM

CONTRACT DETAILS
Pricing includes coolers, bottles pre-preserved as needed, labels, COCs and ice-packs shipped to your site or office via UPS ground. Return shipping is the responsibility of the client. Please allow three to five days for delivery when ordering containers. ACZ must be notified prior to receiving samples of all special requests such as electronic data deliverables or special reporting requirements. The client will be charged for special sample containers or express shipping and additional charges may apply for non-standard requests.

This quotation is valid for six months from the bid date unless specified otherwise in the bid. All bids must be signed and returned to ACZ before the project(s) is received. The authorized signature represents acceptance of the pricing as well as the general terms and conditions of ACZ Laboratories, Inc. which may be downloaded from our web site at http://www.acz.com/wp-content/uploads/2015/10/ACZ_Terms_Conditions.pdf. Please note that MDL's in this quote may possibly increase due to sample matrix or samples with high TDS.

All orders that require shipping of coolers are subject to a minimum charge of $200.00. Local orders without shipping are subject to a minimum charge of $125.00. Samples may incur a $11.00/sample disposal fee for any samples deemed to be hazardous.

ACZ Representative (Authorized signature and date)

Client Representative (Authorized signature and date) Vincent Crowder 3/23/2020

REPAD.09.06.05.01

S/ tjv D/ 21 P/

Colorado Analytical LABORATORIES, INC.

Analytical Results

TASK NO: 200323056

Report To: Vincent Crowder
Company: Benet Hill Monastery
3190 Benet Lane
Colorado Springs CO 80921

Bill To: Vincent Crowder
Company: Benet Hill Monastery
3190 Benet Lane
Colorado Springs CO 80921

Task No.: 200323056
Client PO:
Client Project: Sanctuary of Peace New Well

Date Received: 3/23/20
Date Reported: 3/25/20
Matrix: Water - Drinking

Lab Number	Customer Sample ID	Sample Date/Time		Test	Result	Method	Date Analyzed
200323056-01	Sanctuary Well	3/23/20	11:30 AM	Total Coliform	**Absent**	SM 9223	3/24/20
				E-Coli	**Absent**	SM 9223	3/24/20

Abbreviations/ References:

Absent = Coliform Not Detected
Present = Coliform Detected - Chlorination Recommended
Date Analyzed = Date Test Completed
SM = "Standard Methods for the Examination of Water and Wastewater"; APHA; 19th Edition; 1995

DATA APPROVED FOR RELEASE BY

Drinking Water Chain of Custody

Colorado Analytical LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	**Bill To Information** (If different from report to)	**Project Information**
Company Name: ~~SOP-Benet Hill Monastery (CROWDER SP)~~ VINCENT	Company Name: Benet Hill Monastery (SAME)	PWSID: CO0121702
Contact Name: Vincent Crowder	Contact Name:	System Name: Sanctuary at Pazos POA
Address: 3190 Benet Ln	Address:	Compliance Samples: Yes ☑ No ☐
City: Colorado Springs State: CO Zip: 80921	City: State: Zip:	Send Results to CDPHE: Yes ☑ No ☐
Phone: 720. 839-0752	Phone:	Task Number (Lab Use Only) CAL Task No. 200323056
Email: VCrowder@benethillmonastery.org	Email:	
Sample Collector: DS		
Sample Collector Phone: 719.205-0201	PO Number:	

Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	PHASE I, II, V Drinking Water Analyses (check requested analysis)																						Subcontract Analyses				
					Total Coliform P/A	504.1 EDB/DBCP	505 Pests/PCBs	515.4 Herbicides	524.2 VOCs	525.2 SOCs-Pest	531.1 Carbamates	547 Glyphosate	548.1 Endothall	549.2 Diquat	524.2 TTHMs	552.2 HAA5s	Lead/Copper	Nitrate	Nitrite	Fluoride	Inorganics	Alk./Lang. Index (Circle)	TOC, DOC (Circle)	SUVA, UV 254 (Circle)	Gross Alpha/Beta	Gross Alpha/Beta	Radium 226/228	Radon	Uranium	Chlorite
3-23-20	11:30	SANCTUARY WELL	1	0																	X										
3-23-20	11:30	SANCTUARY WELL	1	0																											
3-23-20	11:30	SANCTUARY WELL	1	0														X	X	X											
3-23-20	11:30	SANCTUARY WELL	2	0										X																	
3-23-20	11:30	SANCTUARY WELL	1	0					X																						
3-23-20	11:30	SANCTUARY WELL	1	0									X																		
3-23-20	11:30	SANCTUARY WELL	1	0				X																							
3-23-20	11:30	SANCTUARY WELL	1	0																											
3-23-20	11:30	SANCTUARY WELL	3	0		X																			X	X					
3-23-20	11:30	SANCTUARY WELL	3	0				X																							
3-23-20	11:30	SANCTUARY WELL	2	0						X																					
3-23-20	11:30	SANCTUARY WELL	3	0			X																								

Instructions:

C/S Info:

Seals Present Yes ☐ No ☒ Headspace Yes ☐ No ☒

Delivered Via: C/S Charge ☒

Temp 4 °C /Ice Y Sample Pres. Yes ☑ No ☐

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/23/20 4:05 PM	Adams	3/23/20				

1610

Benet Well No. 1
Water Quality Test Results
4/01/2020 sample

Colorado Department of Public Health and Environment

Organic Chemicals Certified Laboratory Report Form
WQCD - Drinking Water CAS
Submit Online at http://www.wqcdcompliance.com/login

Revised 4/13/2015

VOC/SOC

Section I (Supplied or Completed by Public Water System)		Section II (Supplied or Completed by Certified Laboratory)	
Public Water System Information		**Certified Laboratory Information**	
PWSID#:		Laboratory ID: CO 00063	
System Name: Sanctuary of Peace New Well		Laboratory Name: Colorado Analytical Laboratory	
Contact Person: Vincent Crowder	Phone #: 719-355-1639	Contact Person: Customer Service	Phone: 303-659-2313
Comments:	Do Samples Need to be Composited BY THE LAB? ☐	Comments:	

PWSID#:		Section III (Supplied or Completed by Public Water System)					
Sample Date:	3/23/20	Collector:	David Stanford	Facility ID (On Schedule):	Sanctuary Well	Sample Pt ID (On Schedule):	**Sanctuary Well**

Section IV Volatile Organic Chemicals (Supplied or Completed by Certified Laboratory)

Lab Receipt Date	Lab Analysis Date	Lab Sample ID	Analyte Name	CAS No.	Analytical Method	MCL (ug/L)	Lab MRL (ug/L)	Result (ug/L)
3/23/20	4/2/20	200323059-01E	1,1,1-Trichloroethane	71-55-6	EPA-524.2	200	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	1,1,2-Trichloroethane	79-00-5	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	1,1-Dichloroethylene	75-35-4	EPA-524.2	7	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	1,2,4-Trichlorobenzene	120-82-1	EPA-524.2	70	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	1,2-Dichloroethane	107-06-2	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	1,2-Dichloropropane	78-87-5	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Benzene	71-43-2	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Carbon Tetrachloride	56-23-5	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Monochlorobenzene	108-90-7	EPA-524.2	100	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	cis-1,2-Dichloroethylene	156-59-2	EPA-524.2	70	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Dichloromethane	75-09-2	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Ethylbenzene	100-41-4	EPA-524.2	700	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	o-Dichlorobenzene	95-50-1	EPA-524.2	600	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Para-Dichlorobenzene	106-46-7	EPA-524.2	75	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Styrene	100-42-5	EPA-524.2	100	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Tetrachloroethylene	127-18-4	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Toluene	108-88-3	EPA-524.2	1000	0.5	**2.4**
3/23/20	4/2/20	200323059-01E	trans-1,2-Dichloroethylene	156-60-5	EPA-524.2	100	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Trichloroethylene	79-01-6	EPA-524.2	5	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Vinyl chloride	75-01-4	EPA-524.2	2	0.5	**BDL**
3/23/20	4/2/20	200323059-01E	Xylenes (total)	1330-20-7	EPA-524.2	10000	0.5	**BDL**

NT: Not Tested ug/L: Micrograms per Liter MCL: Maximum Contaminant Level BDL Below Laboratory MRL A less than sign (<) may also be used.

200323059-01 N 1/2
4/8/20

PWSID#:		Section V (Supplied or Completed by Public Water System)							
Sample Date:	3/23/20	Collector:	David Stanford	Facility ID (On Schedule):	Sanctuary Well	Sample Pt ID (On Schedule):	**Sanctuary Well**		
Section VI Synthetic Organic Chemicals (Supplied or Completed by Certified Laboratory)									
Lab Receipt Date	Lab Analysis Date	Lab Sample ID	Analyte Name	CAS No.	Analytical Method	MCL (ug/L)	Lab MRL (ug/L)	Result (ug/L)	
3/23/20	3/27/20	200323059-01B	Dibromochloropropane	96-12-8	EPA 504.1	0.2	0.02	**BDL**	
3/23/20	3/28/20	200323059-01D	2,4,-D	94-75-7	EPA 515.4	70	0.1	**BDL**	
3/23/20	3/28/20	200323059-01D	2,4,5-TP	93-72-1	EPA 515.4	50	0.2	**BDL**	
3/23/20	3/26/20	200323059-01F	Alachlor	15972-60-8	EPA 525.2	2	0.2	**BDL**	
3/23/20	3/26/20	200323059-01G	Aldicarb	116-06-3	EPA 531.1	N/A	0.6	**BDL**	
3/23/20	3/26/20	200323059-01G	Aldicarb sulfone	1646-88-4	EPA 531.1	N/A	1	**BDL**	
3/23/20	3/26/20	200323059-01G	Aldicarb sulfoxide	1646-87-3	EPA 531.1	N/A	0.7	**BDL**	
3/23/20	3/26/20	200323059-01F	Atrazine	1912-24-9	EPA 525.2	3	0.1	**BDL**	
3/23/20	3/26/20	200323059-01F	Benzo(a)pyrene	50-32-8	EPA 525.2	0.2	0.02	**BDL**	
3/23/20	3/26/20	200323059-01G	Carbofuran	1563-66-2	EPA 531.1	40	0.9	**BDL**	
3/23/20	3/28/20	200323059-01C	Chlordane	57-74-9	EPA 505	2	0.2	**BDL**	
3/23/20	3/28/20	200323059-01D	Dalapon	75-99-0	EPA 515.4	200	1	**BDL**	
3/23/20	3/26/20	200323059-01F	Di(2-ethylhexyl)adipate	103-23-1	EPA 525.2	400	0.6	**BDL**	
3/23/20	3/26/20	200323059-01F	Di(2-ethylhexyl)phthalate	117-81-7	EPA 525.2	6	0.6	**BDL**	
3/23/20	3/28/20	200323059-01D	Dinoseb	85-85-7	EPA 515.4	7	0.2	**BDL**	
3/23/20	3/28/20	200323059-01I	Diquat	85-00-7	EPA 549.2	20	0.4	**BDL**	
3/23/20	3/31/20	200323059-01H	Endothall	145-73-3	EPA 548.1	100	9	**BDL**	
3/23/20	3/28/20	200323059-01C	Endrin	72-20-8	EPA 505	2	0.01	**BDL**	
3/23/20	3/27/20	200323059-01B	Ethylene dibromide	106-93-4	EPA 504.1	0.05	0.01	**BDL**	
3/23/20	3/26/20	200323059-01F	Heptachlor	76-44-8	EPA 525.2	0.4	0.04	**BDL**	
3/23/20	3/28/20	200323059-01C	Heptachlor epoxide	1024-57-3	EPA 505	0.2	0.02	**BDL**	
3/23/20	3/28/20	200323059-01C	Hexachlorobenzene	118-74-1	EPA 505	1	0.1	**BDL**	
3/23/20	3/28/20	200323059-01C	Hexachlorocyclopentadiene	77-47-4	EPA 505	50	0.1	**BDL**	
3/23/20	3/28/20	200323059-01C	Lindane	58-89-9	EPA 505	0.2	0.02	**BDL**	
3/23/20	3/28/20	200323059-01C	Methoxychlor	72-43-5	EPA 505	40	0.1	**BDL**	
3/23/20	3/26/20	200323059-01G	Oxamyl	23135-22-0	EPA 531.1	200	1	**BDL**	
3/23/20	3/28/20	200323059-01D	Pentachlorophenol	87-86-5	EPA 515.4	1	0.04	**BDL**	
3/23/20	3/28/20	200323059-01D	Picloram	1918-02-1	EPA 515.4	500	0.1	**BDL**	
3/23/20	3/28/20	200323059-01C	Polychlorinated biphenyl's	1336-36-3	EPA 505	0.5	0.1	**BDL**	
3/23/20	3/26/20	200323059-01F	Simazine	122-34-9	EPA 525.2	4	0.07	**BDL**	
3/23/20	3/28/20	200323059-01C	Toxaphene	8001-35-2	EPA 505	3	1	**BDL**	

NT: Not Tested ug/L: Micrograms per Liter MCL: Maximum Contaminant Level BDL Below Laboratory MRL A less than sign (<) may also be used.

200323059-01 N 2/2
4/8/20

Drinking Water Chain of Custody

Colorado Analytical Laboratories, Inc.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	**Bill To Information** (If different from report to)	**Project Information**
Company Name: ~~VINCENT CROWDER~~ SOP-Benet Hill Monastery	Company Name: ~~Benet Hill Monastery~~ (SAME)	PWSID: CO0217022
Contact Name: Vincent Crowder	Contact Name:	System Name: Sanctuary of Peace POA
Address: 3190 Benet LN	Address:	Compliance Samples: Yes ☑ No ☐
City: Colorado Springs State: CO Zip: 80921	City: State: Zip:	Send Results to CDPHE: Yes ☑ No ☐
Phone: 720-839-0752	Phone:	Task Number (Lab Use Only) CAL Task No. 200323059
Email: VCrowder@benethillmonastery.org	Email:	
Sample Collector: DS		
Sample Collector Phone: 719-205-0201	PO Number:	

Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	Total Coliform P/A	504.1 EDB/DBCP	505 Pests/PCBs	515.4 Herbicides	524.2 VOCs	525.2 SOCs-Pest	531.1 Carbamates	547 Glyphosate	548.1 Endothall	549.2 Diquat	524.2 TTHMs	552.2 HAA5s	Lead/Copper	Nitrate	Nitrite	Fluoride	Inorganics	Alk./Lang. Index (Circle)	TOC, DOC (Circle)	SUVA, UV 254 (Circle)	Secondary	Gross Alpha/Beta	Radium 226/228	Radon	Uranium	Chloride
3-23-20	11:30	SANCTUARY WELL	1	0																	X								
3-23-20	11:30	SANCTUARY WELL	1	0														X	X	X									
3-23-20	11:30	SANCTUARY WELL	1	0										X															
3-23-20	11:30	SANCTUARY WELL	2	0						X																			
3-23-20	11:30	SANCTUARY WELL	1	0									X																
3-23-20	11:30	SANCTUARY WELL	1	0				X																					
3-23-20	11:30	SANCTUARY WELL	1	0																					X	X			
3-23-20	11:30	SANCTUARY WELL	3	0		X																							
3-23-20	11:30	SANCTUARY WELL	3	0					X																				
3-23-20	11:30	SANCTUARY WELL	2	0							X																		
3-23-20	11:30	SANCTUARY WELL	3	0			X																						

PHASE I, II, V Drinking Water Analyses (check requested analysis) | **Subcontract Analyses**

Instructions: 504 Field Blank
VOC Trip Blank

C/S Info:

Delivered Via: C/S Charge ☒

Seals Present Yes ☐ No ☒ Headspace Yes ☐ No ☒

Temp. 1° °C /Ice Y Sample Pres. Yes ☑ No ☐

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/23/20 4:05 PM	Adams	3/23/20				

1610

Colorado Department of Public Health and Environment

Inorganic Chemicals Certified Laboratory Report Form
WQCD - Drinking Water CAS
Submit Online at http://www.wqcdcompliance.com/login

Revised 4/13/2015

IOC

Section I (Supplied or Completed by Public Water System)		Section II (Supplied or Completed by Certified Laboratory)	
Public Water System Information		**Certified Laboratory Information**	
PWSID#:		Laboratory ID: CO 0015	
System Name: Sanctuary of Peace New Well		Laboratory Name: Colorado Analytical Laboratory	
Contact Person: Vincent Crowder	Phone #:	Contact Person: Customer Service	Phone: 303-659-2313
Comments:	Do Samples Need to be Composited BY THE LAB? ☐	Comments:	

Section III (Supplied or Completed by Public Water System)			
Sample Date: 3/23/20	Collector: David Stanford	Facility ID (On Schedule): Sanctuary Well	Sample Pt ID (On Schedule): **Sanctuary Well**

Section IV Inorganic Chemicals (Completed by Certified Laboratory)

Lab Receipt Date	Lab Analysis Date	Lab Sample ID	Analyte Name	CAS No.	Analytical Method	MCL (mg/L)	Lab MRL (mg/L)	Result (mg/L)
3/23/20	3/30/20	200323059-01A	Antimony	7740-36-0	EPA 200.8	0.006	0.001	**BDL**
3/23/20	3/30/20	200323059-01A	Arsenic	7440-38-2	EPA 200.8	0.01	0.001	**BDL**
3/23/20	3/30/20	200323059-01A	Barium	7440-39-3	EPA 200.8	2	0.001	**0.018**
3/23/20	3/30/20	200323059-01A	Beryllium	7440-41-7	EPA 200.8	0.004	0.001	**BDL**
3/23/20	3/30/20	200323059-01A	Cadmium	7440-43-9	EPA 200.8	0.005	0.001	**BDL**
3/23/20	3/30/20	200323059-01A	Chromium	7440-47-3	EPA 200.8	0.1	0.001	**BDL**
3/23/20	3/30/20	200323059-01A	Mercury	7439-97-6	EPA 200.8	0.002	0.0001	**BDL**
3/23/20	3/30/20	200323059-01A	Nickel	7440-02-0	EPA 200.8	N/A	0.001	**BDL**
3/23/20	3/30/20	200323059-01A	Selenium	7782-49-2	EPA 200.8	0.05	0.001	**0.002**
3/23/20	3/26/20	200323059-01A	Sodium	7440-23-5	EPA 200.7	N/A	0.1	**8.7**
3/23/20	3/30/20	200323059-01A	Thallium	7440-28-0	EPA 200.8	0.002	0.001	**BDL**

NT: Not Tested
Lab MRL: Laboratory Minimum Reporting Level
BDL: Below Laboratory MRL. A less than (<) may also used.

mg/L: Milligrams per Liter
MCL: Maximum Contaminant Level

4/8/20
200323059-01A
1/1
N

Drinking Water Chain of Custody

Colorado Analytical LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	**Bill To Information** (If different from report to)	**Project Information**
Company Name: ~~VINCENT CROWDER~~ SOP-Benet Hill Monastery	Company Name: ~~Benet Hill Monastery~~ (SAME)	PWSID: CO0217012
Contact Name: Vincent Crowder	Contact Name:	System Name: Sanctuary at Pez~~z~~ POA
Address: 3190 Benet LN	Address:	Compliance Samples: Yes ☑ No ☐
City: Colorado Springs State: CO Zip: 80921	City: State: Zip:	Send Results to CDPHE: Yes ☑ No ☐
Phone: 720-839-0752	Phone:	Task Number (Lab Use Only) CAL Task No. 200323059
Email: VCrowder@benethillmonastery.org	Email:	
Sample Collector: DS		
Sample Collector Phone: 719-205-0201	PO Number:	

PHASE I, II, V Drinking Water Analyses (check requested analysis) | **Subcontract Analyses**

Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	Total Coliform P/A	504.1 EDB/DBCP	505 Pests/PCBs	515.4 Herbicides	524.2 VOCs	525.2 SOCs-Pest	531.1 Carbamates	547 Glyphosate	548.1 Endothall	549.2 Diquat	524.2 TTHMs	552.2 HAA5s	Lead/Copper	Nitrate	Nitrite	Fluoride	Inorganics	Alk./Lang. Index (Circle)	TOC, DOC (Circle)	SUVA, UV 254 (Circle)	Gross Alpha/Beta	Radium 226/228	Radon	Uranium	CHAIN 2 of 2
3-23-20	11:30	SANCTUARY WELL	1	0																	X								
3-23-20	11:30	SANCTUARY WELL	1	0														X	X	X									
3-23-20	11:30	SANCTUARY WELL	1	0										X															
3-23-20	11:30	SANCTUARY WELL	2	0						X																			
3-23-20	11:30	SANCTUARY WELL	1	0									X																
3-23-20	11:30	SANCTUARY WELL	1	0				X																					
3-23-20	11:30	SANCTUARY WELL	1	0																					X				
3-23-20	11:30	SANCTUARY WELL	3	0		X																							
3-23-20	11:30	SANCTUARY WELL	3	0					X																				
3-23-20	11:30	SANCTUARY WELL	2	0							X																		
3-23-20	11:30	SANCTUARY WELL	3	0			X																						

Instructions: 504 Field Blank
VOC Trip Blank

C/S Info:

Delivered Via: C/S Charge ☒

Seals Present Yes ☐ No ☒ Headspace Yes ☐ No ☒

Temp. 14 °C /Ice Y Sample Pres. Yes ☑ No ☐

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/23/20 4:05 PM	Adams	3/23/20				

1610

Colorado Department of Public Health and Environment

Inorganic Chemicals Certified Laboratory Report Form
WQCD - Drinking Water CAS
4300 Cherry Creek Drive South, Denver, CO 80246-1530
Fax: (303) 758-1398; cdphe.drinkingwater@state.co.us

Revised 6/13/2014

IOC

Section I (Supplied or Completed by Public Water System)		Section II (Supplied or Completed by Certified Laboratory)	
Public Water System Information		**Certified Laboratory Information**	
PWSID#:		Laboratory ID: CO 0015	
System Name: Sanctuary of Peace New Well		Laboratory Name: Colorado Analytical Laboratory	
Contact Person: Vincent Crowder	Phone #: 719-355-1639	Contact Person: Customer Service	Phone: 303-659-2313
Comments:	Do Samples Need to be Composited BY THE LAB? ☐	Comments:	

Section III (Supplied or Completed by Public Water System)			
Sample Date: 3/23/20	Collector: David Stanford	Facility ID (On Schedule): Sanctuary Well	Sample Pt ID (On Schedule): **Sanctuary Well**

Section IV Inorganic Chemicals (Completed by Certified Laboratory)

Lab Receipt Date	Lab Analysis Date	Lab Sample ID	Analyte Name	CAS No.	Analytical Method	MCL (mg/L)	Lab MRL (mg/L)	Result (mg/L)
3/23/20	3/24/20	200323059-01	Fluoride	7681-49-4	EPA 300.0	4	0.09	**0.30**

NT: Not Tested
Lab MRL: Laboratory Minimum Reporting Level
BDL: Below Laboratory MRL. A less than (<) may also used.

mg/L: Milligrams per Liter
MCL: Maximum Contaminant Level

4/8/20
200323059-01
1/ 1
N

Drinking Water Chain of Custody

Colorado Analytical LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	Bill To Information (If different from report to)	Project Information
Company Name: ~~VINCENT CROWDER SOP~~ - Benet Hill Monastery	Company Name: ~~Benet Hill Monastery~~ (SAME)	PWSID: CO0121702
Contact Name: Vincent Crowder	Contact Name:	System Name: Sanctuary of Peace POA
Address: 3190 Benet Ln	Address:	Compliance Samples: Yes ☑ No ☐
City: Colorado Springs State: Co Zip: 80921	City: State: Zip:	Send Results to CDPHE: Yes ☑ No ☐
Phone: 720-839-0752	Phone:	Task Number (Lab Use Only) CAL Task No. 200323059
Email: VCrowder@benethillmonastery.org	Email:	
Sample Collector: DS		
Sample Collector Phone: 719-205-0201	PO Number:	

Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	Total Coliform P/A	504.1 EDB/DBCP	505 Pests/PCBs	515.4 Herbicides	524.2 VOCs	525.2 SOCs-Pest	531.1 Carbamates	547 Glyphosate	548.1 Endothall	549.2 Diquat	524.2 TTHMs	552.2 HAA5s	Lead/Copper	Nitrate	Nitrite	Fluoride	Inorganics	Alk./Lang. Index (Circle)	TOC, DOC (Circle)	SUVA, UV 254 (Circle)	Radionuclides	Gross Alpha/Beta	Radium 226/228	Radon	Uranium	CHAIN 2 of 2
3-23-20	11:30	SANCTUARY WELL	1	0																	X									
3-23-20	11:30	SANCTUARY WELL	1	0														X	X	X										
3-23-20	11:30	SANCTUARY WELL	1	0										X																
3-23-20	11:30	SANCTUARY WELL	2	0						X																				
3-23-20	11:30	SANCTUARY WELL	1	0									X																	
3-23-20	11:30	SANCTUARY WELL	1	0				X																						
3-23-20	11:30	SANCTUARY WELL	1	0																					X	X				
3-23-20	11:30	SANCTUARY WELL	3	0		X																								
3-23-20	11:30	SANCTUARY WELL	3	0					X																					
3-23-20	11:30	SANCTUARY WELL	2	0							X																			
3-23-20	11:30	SANCTUARY WELL	3	0			X																							

Instructions: 504 Field Blank
VOC Trip Blank

C/S Info:

Delivered Via: C/S Charge ☒

Seals Present Yes ☐ No ☒ Headspace Yes ☐ No ☒

Temp. 1° °C /Ice Y Sample Pres. Yes ☑ No ☐

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/23/20 4:05 pm	Adams	3/23/20				

1610

Colorado Department of Public Health and Environment

Nitrate and Nitrite as Nitrogen Certified Laboratory Report Form
WQCD - Drinking Water CAS
Submit Online at http://www.wqcdcompliance.com/login

Revised 4/13/2015

NOX

Section I (Supplied or Completed by Public Water System)		Section II (Supplied or Completed by Certified Laboratory)	
Public Water System Information		**Certified Laboratory Information**	
PWSID#:		Laboratory ID: CO 0015	
System Name: Sanctuary of Peace New Well		Laboratory Name: Colorado Analytical Laboratory	
Contact Person: Vincent Crowder	Phone #: 719-355-1639	Contact Person: Customer Service	Phone: 303-659-2313
Comments:		Comments:	

Section III (Supplied or Completed by Public Water System)					Section IV (Supplied or Completed by Certified Laboratory)							
Sample Date	Collector	Facility ID On Schedule	Sample Pt ID On Schedule	Confirmation?	Lab Receipt Date	Lab Analysis Date	Laboratory Sample ID #	Analyte	Analytical Method	MCL (mg/L)	Lab MRL (mg/L)	Result (mg/L)
3/23/20	David Stanford	Sanctuary Well	Sanctuary Well	☐	3/23/20	3/24/20	200323059-01	Nitrate Nitrogen	EPA 300.0	10	0.1	**0.3**
3/23/20	David Stanford	Sanctuary Well	Sanctuary Well	☐	3/23/20	3/24/20	200323059-01	Nitrite Nitrogen	EPA 300.0	1	0.1	**BDL**

NT: Not Tested
Lab MRL: Laboratory Minimum Reporting Level
BDL: Below Laboratory MRL. A less than (<) may also used.

mg/L: Milligrams per Liter
MCL: Maximum Contaminant Level

4/8/20
200323059-01
1/ 1
N

Drinking Water Chain of Custody

Colorado Analytical LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	Bill To Information (If different from report to)	Project Information
Company Name: ~~VINCENT CROWDER~~ SOP-Benet Hill Monastery	Company Name: ~~Benet Hill Monastery~~ (SAME)	PWSID: CO0121702
Contact Name: Vincent Crowder	Contact Name:	System Name: Sanctuary of Peace POA
Address: 3190 Benet Ln	Address:	Compliance Samples: Yes ☑ No ☐
City: Colorado Springs State: Co Zip: 80921	City: State: Zip:	Send Results to CDPHE: Yes ☑ No ☐
Phone: 720-839-0752	Phone:	Task Number (Lab Use Only) CAL Task No. 200323059
Email: VCrowder@benethillmonastery.org	Email:	
Sample Collector: DS		
Sample Collector Phone: 719-205-0201	PO Number:	

Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	Total Coliform P/A	504.1 EDB/DBCP	505 Pests/PCBs	515.4 Herbicides	524.2 VOCs	525.2 SOCs-Pest	531.1 Carbamates	547 Glyphosate	548.1 Endothall	549.2 Diquat	524.2 TTHMs	552.2 HAA5s	Lead/Copper	Nitrate	Nitrite	Fluoride	Inorganics	Alk./Lang. Index (Circle)	TOC, DOC (Circle)	SUVA, UV 254 (Circle)	~~Coliform~~ Bacteria	Gross Alpha/Beta	Radium 226/228	Radon	Uranium	Chloride
3-23-20	11:30	SANCTUARY WELL	1	0																	X									
3-23-20	11:30	SANCTUARY WELL	1	0														X	X	X										
3-23-20	11:30	SANCTUARY WELL	1	0										X																
3-23-20	11:30	SANCTUARY WELL	2	0						X																				
3-23-20	11:30	SANCTUARY WELL	1	0									X																	
3-23-20	11:30	SANCTUARY WELL	1	0				X																						
3-23-20	11:30	SANCTUARY WELL	1	0																					X					
3-23-20	11:30	SANCTUARY WELL	3	0		X																								
3-23-20	11:30	SANCTUARY WELL	3	0					X																					
3-23-20	11:30	SANCTUARY WELL	2	0							X																			
3-23-20	11:30	SANCTUARY WELL	3	0			X																							

Instructions: 504 Field Blank
VOC Trip Blank

C/S Info:

Delivered Via:

C/S Charge ☒

Seals Present Yes ☐ No ☒ Headspace Yes ☐ No ☒

Temp. 1° °C /Ice Y Sample Pres. Yes ☑ No ☐

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/23/20 4:05 PM		3/23/20				

1610

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

April 15, 2020

Report to:
Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

Bill to:
Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

Project ID:
ACZ Project ID: L58108

Vincent Crowder:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on March 24, 2020. This project has been assigned to ACZ's project number, L58108. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L58108. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after May 15, 2020. If the samples are determined to be hazardous, additional charges apply for disposal (typically $11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.

Bill Lane has reviewed and approved this report

Benet Hill Monastery
Project ID:
Sample ID: NEW WELL-SOP
Locator:

ACZ Sample ID: ***L58108-01***
Date Sampled: *03/23/20 11:30*
Date Received: *03/24/20*
Sample Matrix: *Drinking Water*

Combined Radium (total)
Calculation (RA226 + RA228)

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Combined Radium (total)	04/15/20 11:50		1.3			pCi/L		calc

Gross Alpha & Beta, total
M900.0

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Alpha	04/08/20 0:24		1.8	1.2	1	pCi/L	*	amk
Beta	04/08/20 0:24		1.9	1.9	2	pCi/L	*	amk

Radium 226, total
M903.1

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226, total	04/14/20 0:07		0.55	0.19	0.17	pCi/L	*	djc

Radium 228, total
M904.0

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	04/09/20 11:08		0.79	0.44	0.42	pCi/L		isn

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Error(+/-)	Calculated sample specific uncertainty
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
LCL	Lower Control Limit, in % (except for LCSS, mg/Kg)
LLD	Calculated sample specific Lower Limit of Detection
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)
RER	Relative Error Ratio, calculation used for Dup. QC taking into account the error factor.
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
UCL	Upper Control Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

DUP	Sample Duplicate	*MS/MSD*	Matrix Spike/Matrix Spike Duplicate
LCSS	Laboratory Control Sample - Soil	*PBS*	Prep Blank - Soil
LCSW	Laboratory Control Sample - Water	*PBW*	Prep Blank - Water

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Matrix Spikes	Determines sample matrix interferences, if any.

ACZ Qualifiers (Qual)

H	Analysis exceeded method hold time.

Method Prefix Reference

M	EPA methodology, including those under SDWA, CWA, and RCRA
SM	Standard Methods for the Examination of Water and Wastewater.
D	ASTM
RP	DOE
ESM	DOE/ESM

Comments

(1)	Solid matrices are reported on a dry weight basis.
(2)	Preparation method: "Method" indicates preparation defined in analytical method.
(3)	QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click:
https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Radiochemistry QC Summary

Benet Hill Monastery ACZ Project ID: ***L58108***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Alpha M900.0 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494838																
WG494838PBW	PBW	04/08/20						-.42	0.18	0.76			1.52			
WG494838LCSWA	LCSW	04/08/20	PCN60283	100				120	9.5	1.2	120	67	144			
L58065-01DUP	DUP-RPD	04/08/20			18	5.2	8.7	29	6.5	7.7				47	20	RG
L58065-01DUP	DUP-RER	04/08/20			18	5.2	8.7	29	6.5	7.7				1.32	2	
L58084-01MSA	MS	04/08/20	PCN60283	100	1.1	1.9	15	60	9.2	7.3	59	67	144			M2
L58139-02DUP	DUP-RER	04/08/20			-0.33	0.6	4.8	-.1	0.76	4.4				0.24	2	
L58139-02DUP	DUP-RPD	04/08/20			-0.33	0.6	4.8	-.1	0.76	4.4				107	20	RG

Beta M900.0 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494838																
WG494838PBW	PBW	04/08/20						.22	1.8	1.9			3.8			
WG494838LCSWB	LCSW	04/08/20	RC190918-11	102.6				87	5.9	2.6	85	82	122			
L58065-01DUP	DUP-RPD	04/08/20			14	3.5	5.4	15	3.8	9.4				7	20	
L58139-01MSB	MS	04/08/20	RC190918-11	102.6	13	3.5	12	120	7	9.4	104	82	122			
L58139-02DUP	DUP-RPD	04/08/20			-2.7	2.3	6.6	-1.3	2.6	8				70	20	RG
L58139-02DUP	DUP-RER	04/08/20			-2.7	2.3	6.6	-1.3	2.6	8				0.4	2	

Radium 226, total M903.1 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494980																
WG494980PBW	PBW	04/14/20						.09	0.08	0.08			0.16			
WG494980LCSW	LCSW	04/14/20	PCN57864	20				22	0.65	0.08	110	43	148			
L58104-01DUP	DUP-RER	04/14/20			0.29	0.12	0.15	.17	0.1	0.1				0.77	2	
L58104-01DUP	DUP-RPD	04/14/20			0.29	0.12	0.15	.17	0.1	0.1				52	20	RG
L58208-02DUP	DUP-RPD	04/14/20			0.72	0.15	0.2	.74	0.13	0.06				3	20	
L58108-01MS	MS	04/14/20	PCN57864	20	0.55	0.19	0.17	19	0.55	0.06	92	43	148			

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Radiochemistry QC Summary

Benet Hill Monastery

ACZ Project ID: ***L58108***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Radium 228, total M904.0 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494982																
L58112-01DUP	DUP-RPD	04/09/20			0.48	0.77	1.8	.43	0.8	1.8				11	20	
L58112-02MS	MS	04/09/20	PCN58076	8.6	0.96	0.8	1.9	11	1.2	1.8	117	47	123			
WG494982LCSW	LCSW	04/09/20	PCN58076	8.6				9.5	1.2	0.81	110	47	123			
WG494982PBW	PBW	04/09/20						.49	0.39	0.39			0.78			
L58208-01DUP	DUP-RPD	04/09/20			0.14	0.83	2.2	.19	0.85	2.1				30	20	RG
L58208-01DUP	DUP-RER	04/09/20			0.14	0.83	2.2	.19	0.85	2.1				0.04	2	

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

RadChem Extended Qualifier Report

Benet Hill Monastery

ACZ Project ID: ***L58108***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L58108-01	WG494838	Alpha	M900.0	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			M900.0	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.
		Beta	M900.0	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.
	WG494980	Radium 226, total	M903.1	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.

Certification Qualifiers

Benet Hill Monastery

ACZ Project ID: ***L58108***

No certification qualifiers associated with this analysis

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Benet Hill Monastery

ACZ Project ID: L58108
Date Received: 03/24/2020 11:34
Received By:
Date Printed: 3/25/2020

Receipt Verification

	YES	NO	NA
1) Is a foreign soil permit included for applicable samples?			X
2) Is the Chain of Custody form or other directive shipping papers present?	X		
3) Does this project require special handling procedures such as CLP protocol?		X	
4) Are any samples NRC licensable material?			X
5) If samples are received past hold time, proceed with requested short hold time analyses?	X		
6) Is the Chain of Custody form complete and accurate?	X		
7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?	X		

A change was made in the Matrix Line 2 and # of Containers section prior to ACZ custody.

Samples/Containers

	YES	NO	NA
8) Are all containers intact and with no leaks?	X		
9) Are all labels on containers and are they intact and legible?	X		
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	X		
11) For preserved bottle types, was the pH checked and within limits? [1]	X		
12) Is there sufficient sample volume to perform all requested work?	X		
13) Is the custody seal intact on all containers?			X
14) Are samples that require zero headspace acceptable?			X
15) Are all sample containers appropriate for analytical requirements?	X		
16) Is there an Hg-1631 trip blank present?			X
17) Is there a VOA trip blank present?			X
18) Were all samples received within hold time?	X		

NA indicates Not Applicable

Chain of Custody Related Remarks

Client Contact Remarks

Shipping Containers

Cooler Id	Temp(°C)	Temp Criteria(°C)	Rad(µR/Hr)	Custody Seal Intact?
6114	15.1	NA	14	N/A

Was ice present in the shipment container(s)?

No - Wet or gel ice was not present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Benet Hill Monastery

ACZ Project ID: L58108
Date Received: 03/24/2020 11:34
Received By:
Date Printed: 3/25/2020

[1] The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na2S2O3 preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

ACZ Laboratories, Inc. L58108

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

CHAIN of CUSTODY

Report to:

Name: Vincent Crowder
Company: Benet Hill Monastery
E-mail: vcrowder@benethillmonastery.org
Address: 3190 Benet Lane
Colorado Springs, CO 80921
Telephone: 719-355-1635 /cell 720-859-0752 (X)

Copy of Report to:

Name: same
Company:
E-mail:
Telephone:

Invoice to:

Name: same
Company:
E-mail:
Address:
Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES [X] NO [ ]

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified

Are samples for SDWA Compliance Monitoring? Yes [ ] No [X]

If yes, please include state forms. Results will be reported to PQL for Colorado.

Sampler's Name: D Stanford Sampler's Site Information State CO Zip code 80921 Time Zone MST

*Sampler's Signature: _____

*I attest to the authenticity and validity of this sample. I understand that intentionally mislabeling the time/date/location or tampering with the sample in anyway, is considered fraud and punishable by State Law.

PROJECT INFORMATION

Quote #: RADCHEM
PO#:
Reporting state for compliance testing:
Check box if samples include NRC licensed material? [ ]

ANALYSES REQUESTED *(attach list or use quote number)*

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	Gross Alpha-Beta Total	Combined Radium Total	Radium-228, Total	Radium-226, Total				
NFW Well-SOP	03/23/2022 11:30 AM	GW	3	X	X	X	X				
		GW	2								

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
Vincent Crowder	3.23.20 1:30PM		3/24/20 11:34

FRMAD050.06.14.14 White - Return with sample. Yellow - Retain for your records.

L58108 Chain of Custod

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Quote

Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

3/6/2020

Quote Number: RADCHEM

Matrix: Drinking Water 1 Sample, Quarterly Testing for Radiochemistry Parameters

Parameter	Method	Detection Limit	Cost/Sample
Diskette/QC Summary			
Quality Control Summary			$0.00
Misc.			
Electronic Data Deliverable			$0.00
Radiochemistry			
Combined Radium (total)	Calculation (RA226 + RA228)	2	$0.00
Gross Alpha & Beta, total	M900.0	1.5 to 3 pCi/L	$51.50
Radium 226, total	M903.1	0.4 pCi/L	$94.75
Radium 228, total	M904.0	1 pCi/L	$94.75
		Cost/Sample:	**$241.00**

This quote is based on a Standard Turn Around Time (TAT) of approximately 21 days (15 business days). TAT may vary with seasonal heavy workload. Please contact your PM if rush TAT is required. Rush TAT must be pre-approved prior to sample shipment to assure that due dates can be met. Pricing includes standard reporting formats and standard ACZ EDDs. All projects received are subject to a $125.00 Minimum Invoice Charge. Please note that method detection limits are estimates and may be elevated depending on sample matrix that require dilution. Pricing includes coolers, bottles pre-preserved as needed, labels, COCs and ice-packs shipped to your site or office via UPS ground. Return shipping is the responsibility of the client. Please allow ample time for your bottles to arrive. ACZ assigns a Project Manager to all of our clients. Your Project Manager is Bill Lane. Bill will serve as your main point of contact for all bottle orders, report statuses, questions on your data and changes to your account, and can be reached at billl@acz.com or 970-879-6590 ext 606.

Paid Online by Credit Card
3.23.2020 11:46 AM
Trans. Id 419026762466
VISA xxx-7908

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Quote

Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

Quote Number: RADCHEM

CONTRACT DETAILS
Pricing includes coolers, bottles pre-preserved as needed, labels, COCs and ice-packs shipped to your site or office via UPS ground. Return shipping is the responsibility of the client. Please allow three to five days for delivery when ordering containers. ACZ must be notified prior to receiving samples of all special requests such as electronic data deliverables or special reporting requirements. The client will be charged for special sample containers or express shipping and additional charges may apply for non-standard requests.

This quotation is valid for six months from the bid date unless specified otherwise in the bid. All bids must be signed and returned to ACZ before the project(s) is received. The authorized signature represents acceptance of the pricing as well as the general terms and conditions of ACZ Laboratories, Inc. which may be downloaded from our web site at http://www.acz.com/wp-content/uploads/2015/10/ACZ_Terms_Conditions.pdf. Please note that MDL's in this quote may possibly increase due to sample matrix or samples with high TDS.

All orders that require shipping of coolers are subject to a minimum charge of $200.00. Local orders without shipping are subject to a minimum charge of $125.00. Samples may incur a $11.00/sample disposal fee for any samples deemed to be hazardous.

ACZ Representative (Authorized signature and date) _____

Client Representative (Authorized signature and date) _____ Vincent Crowder 3/23/2020

REPAD.09.06.05.01

S/ tjv D/ 21 P/

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

April 15, 2020

Report to:
Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

Bill to:
Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

Project ID:
ACZ Project ID: L58108

Vincent Crowder:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on March 24, 2020. This project has been assigned to ACZ's project number, L58108. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L58108. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after May 15, 2020. If the samples are determined to be hazardous, additional charges apply for disposal (typically $11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.

Bill Lane has reviewed and approved this report

Benet Hill Monastery
Project ID:
Sample ID: NEW WELL-SOP

ACZ Sample ID: ***L58108-01***
Date Sampled: *03/23/20 11:30*
Date Received: *03/24/20*
Sample Matrix: *Drinking Water*

Inorganic Prep

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP-MS								07/06/20 5:25	enb

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Uranium, total	M200.8 ICP-MS	1	0.0014			mg/L	0.0001	0.0005	07/06/20 13:32	bsu

ort Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
Lower	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
MDL	Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5). Allows for instrument and annual fluctuations.
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit. Synonymous with the EPA term "minimum level".
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
Upper	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

Sample Types

AS	Analytical Spike (Post Digestion)	*LCSWD*	Laboratory Control Sample - Water Duplicate
ASD	Analytical Spike (Post Digestion) Duplicate	*LFB*	Laboratory Fortified Blank
CCB	Continuing Calibration Blank	*LFM*	Laboratory Fortified Matrix
CCV	Continuing Calibration Verification standard	*LFMD*	Laboratory Fortified Matrix Duplicate
DUP	Sample Duplicate	*LRB*	Laboratory Reagent Blank
ICB	Initial Calibration Blank	*MS*	Matrix Spike
ICV	Initial Calibration Verification standard	*MSD*	Matrix Spike Duplicate
ICSAB	Inter-element Correction Standard - A plus B solutions	*PBS*	Prep Blank - Soil
LCSS	Laboratory Control Sample - Soil	*PBW*	Prep Blank - Water
LCSSD	Laboratory Control Sample - Soil Duplicate	*PQV*	Practical Quantitation Verification standard
LCSW	Laboratory Control Sample - Water	*SDL*	Serial Dilution

Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.
Standard	Verifies the validity of the calibration.

Z Qualifiers (Qual)

B	Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
H	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
L	Target analyte response was below the laboratory defined negative threshold.
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

hod References

(1)	EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
(2)	EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
(3)	EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
(4)	EPA SW-846. Test Methods for Evaluating Solid Waste.
(5)	Standard Methods for the Examination of Water and Wastewater.

mments

(1)	QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(2)	Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
(3)	Animal matrices for Inorganic analyses are reported on an "as received" basis.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
(5)	If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:

https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

Benet Hill Monastery

ACZ Project ID: ***L58108***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Uranium, total M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG500808													
WG500808ICV	ICV	07/06/20 13:24	MS200701-2	.05		.05334	mg/L	107	90	110			
WG500808ICB	ICB	07/06/20 13:26				U	mg/L		-0.0003	0.0003			
WG500760LRB	LRB	07/06/20 13:29				U	mg/L		-0.00022	0.00022			
WG500760LFB	LFB	07/06/20 13:31	MS200421-3	.05		.05255	mg/L	105	85	115			
L59900-08LFM	LFM	07/06/20 13:51	MS200421-3	.05	U	.05427	mg/L	109	70	130			
L59900-08LFMD	LFMD	07/06/20 13:52	MS200421-3	.05	U	.05444	mg/L	109	70	130	0	20	

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Extended Qualifier Report

Benet Hill Monastery

ACZ Project ID: ***L58108***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION

No extended qualifiers associated with this analysis

Benet Hill Monastery
Project ID:
Sample ID: NEW WELL-SOP
Locator:

ACZ Sample ID: ***L58108-01***
Date Sampled: *03/23/20 11:30*
Date Received: *03/24/20*
Sample Matrix: *Drinking Water*

Combined Radium (total)
Calculation (RA226 + RA228)

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Combined Radium (total)	04/15/20 11:50		1.3			pCi/L		calc

Gross Alpha & Beta, total
WG494838

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha								SREV
Gross Beta								SREV

Radium 226, total
M903.1

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226, total	04/14/20 0:07		0.55	0.19	0.17	pCi/L	*	djc

Radium 228, total
M904.0

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	04/09/20 11:08		0.79	0.44	0.42	pCi/L		lsn

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Error(+/-)	Calculated sample specific uncertainty
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
LCL	Lower Control Limit, in % (except for LCSS, mg/Kg)
LLD	Calculated sample specific Lower Limit of Detection
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)
RER	Relative Error Ratio, calculation used for Dup. QC taking into account the error factor.
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
UCL	Upper Control Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

DUP	Sample Duplicate	*MS/MSD*	Matrix Spike/Matrix Spike Duplicate
LCSS	Laboratory Control Sample - Soil	*PBS*	Prep Blank - Soil
LCSW	Laboratory Control Sample - Water	*PBW*	Prep Blank - Water

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Matrix Spikes	Determines sample matrix interferences, if any.

ACZ Qualifiers (Qual)

H	Analysis exceeded method hold time.

Method Prefix Reference

M	EPA methodology, including those under SDWA, CWA, and RCRA
SM	Standard Methods for the Examination of Water and Wastewater.
D	ASTM
RP	DOE
ESM	DOE/ESM

Comments

(1)	Solid matrices are reported on a dry weight basis.
(2)	Preparation method: "Method" indicates preparation defined in analytical method.
(3)	QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click:
https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Radiochemistry QC Summary

Benet Hill Monastery ACZ Project ID: ***L58108***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Alpha M900.0 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494838																
WG494838PBW	PBW	04/08/20						-.42	0.18	0.76			1.52			
WG494838LCSWA	LCSW	04/08/20	PCN60283	100				120	9.5	1.2	120	67	144			
L58065-01DUP	DUP-RPD	04/08/20			18	5.2	8.7	29	6.5	7.7				47	20	RG
L58065-01DUP	DUP-RER	04/08/20			18	5.2	8.7	29	6.5	7.7				1.32	2	
L58084-01MSA	MS	04/08/20	PCN60283	100	1.1	1.9	15	60	9.2	7.3	59	67	144			M2
L58139-02DUP	DUP-RER	04/08/20			-0.33	0.6	4.8	-.1	0.76	4.4				0.24	2	
L58139-02DUP	DUP-RPD	04/08/20			-0.33	0.6	4.8	-.1	0.76	4.4				107	20	RG

Beta M900.0 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494838																
WG494838PBW	PBW	04/08/20						.22	1.8	1.9			3.8			
WG494838LCSWB	LCSW	04/08/20	RC190918-11	102.6				87	5.9	2.6	85	82	122			
L58065-01DUP	DUP-RPD	04/08/20			14	3.5	5.4	15	3.8	9.4				7	20	
L58139-01MSB	MS	04/08/20	RC190918-11	102.6	13	3.5	12	120	7	9.4	104	82	122			
L58139-02DUP	DUP-RPD	04/08/20			-2.7	2.3	6.6	-1.3	2.6	8				70	20	RG
L58139-02DUP	DUP-RER	04/08/20			-2.7	2.3	6.6	-1.3	2.6	8				0.4	2	

Radium 226, total M903.1 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494980																
WG494980PBW	PBW	04/14/20						.09	0.08	0.08			0.16			
WG494980LCSW	LCSW	04/14/20	PCN57864	20				22	0.65	0.08	110	43	148			
L58104-01DUP	DUP-RER	04/14/20			0.29	0.12	0.15	.17	0.1	0.1				0.77	2	
L58104-01DUP	DUP-RPD	04/14/20			0.29	0.12	0.15	.17	0.1	0.1				52	20	RG
L58208-02DUP	DUP-RPD	04/14/20			0.72	0.15	0.2	.74	0.13	0.06				3	20	
L58108-01MS	MS	04/14/20	PCN57864	20	0.55	0.19	0.17	19	0.55	0.06	92	43	148			

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Radiochemistry QC Summary

Benet Hill Monastery

ACZ Project ID: ***L58108***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Radium 228, total M904.0 **Units:** pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec%	Lower	Upper	RPD/RER	Limit	Qual
WG494982																
L58112-01DUP	DUP-RPD	04/09/20			0.48	0.77	1.8	.43	0.8	1.8				11	20	
L58112-02MS	MS	04/09/20	PCN58076	8.6	0.96	0.8	1.9	11	1.2	1.8	117	47	123			
WG494982LCSW	LCSW	04/09/20	PCN58076	8.6				9.5	1.2	0.81	110	47	123			
WG494982PBW	PBW	04/09/20						.49	0.39	0.39			0.78			
L58208-01DUP	DUP-RPD	04/09/20			0.14	0.83	2.2	.19	0.85	2.1				30	20	RG
L58208-01DUP	DUP-RER	04/09/20			0.14	0.83	2.2	.19	0.85	2.1				0.04	2	

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

RadChem Extended Qualifier Report

Benet Hill Monastery

ACZ Project ID: ***L58108***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L58108-01	WG494980	Radium 226, total	M903.1	RG	Sample concentration is less than 5x LLD; RPD was not used for data validation. Replicate Error Ratio (RER) is less than 2. Precision judged to be in control.

Certification Qualifiers

Benet Hill Monastery ACZ Project ID: ***L58108***

No certification qualifiers associated with this analysis

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Benet Hill Monastery

ACZ Project ID: L58108
Date Received: 03/24/2020 11:34
Received By:
Date Printed: 3/25/2020

Receipt Verification

	YES	NO	NA
1) Is a foreign soil permit included for applicable samples?			X
2) Is the Chain of Custody form or other directive shipping papers present?	X		
3) Does this project require special handling procedures such as CLP protocol?		X	
4) Are any samples NRC licensable material?			X
5) If samples are received past hold time, proceed with requested short hold time analyses?	X		
6) Is the Chain of Custody form complete and accurate?	X		
7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?	X		

A change was made in the Matrix Line 2 and # of Containers section prior to ACZ custody.

Samples/Containers

	YES	NO	NA
8) Are all containers intact and with no leaks?	X		
9) Are all labels on containers and are they intact and legible?	X		
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	X		
11) For preserved bottle types, was the pH checked and within limits? [1]	X		
12) Is there sufficient sample volume to perform all requested work?	X		
13) Is the custody seal intact on all containers?			X
14) Are samples that require zero headspace acceptable?			X
15) Are all sample containers appropriate for analytical requirements?	X		
16) Is there an Hg-1631 trip blank present?			X
17) Is there a VOA trip blank present?			X
18) Were all samples received within hold time?	X		

NA indicates Not Applicable

Chain of Custody Related Remarks

Client Contact Remarks

Shipping Containers

Cooler Id	Temp(°C)	Temp Criteria(°C)	Rad(µR/Hr)	Custody Seal Intact?
6114	15.1	NA	14	N/A

Was ice present in the shipment container(s)?

No - Wet or gel ice was not present in the shipment container(s).

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Benet Hill Monastery

ACZ Project ID: L58108
Date Received: 03/24/2020 11:34
Received By:
Date Printed: 3/25/2020

[1] The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na2S2O3 preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

ACZ Laboratories, Inc. L58108

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

CHAIN of CUSTODY

Report to:

Name: Vincent Crowder
Company: Benet Hill Monastery
E-mail: vcrowder@benethillmonastery.org
Address: 3190 Benet Lane
Colorado Springs, CO 80921
Telephone: 719-355-1635 / cell · 720·839·0752 ✱

Copy of Report to:

Name: same
Company:
E-mail:
Telephone:

Invoice to:

Name: same
Company:
E-mail:
Address:
Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES [X] NO [ ]

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified

Are samples for SDWA Compliance Monitoring? Yes [ ] No [X]

If yes, please include state forms. Results will be reported to PQL for Colorado.

Sampler's Name: D Stanford **Sampler's Site Information** **State** CO **Zip code** 80921 **Time Zone** MST

***Sampler's Signature:** ________

*I attest to the authenticity and validity of this sample. I understand that intentionally mislabeling the time/date/location or tampering with the sample in anyway, is considered fraud and punishable by State Law.

PROJECT INFORMATION

Quote #: RADCHEM
PO#:
Reporting state for compliance testing:
Check box if samples include NRC licensed material? [ ]

ANALYSES REQUESTED *(attach list or use quote number)*

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	Gross Alpha-Beta Total	Combined Radium Total	Radium-228, Total	Radium-226, Total				
NEW Well-SOP	03/23/2022 11:30 AM	GW	2	[X]	[X]	[X]	[X]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
				[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
Vincent Crowder	3-23-20 / 1:30PM	[signature]	3/24/20 11:34

FRMAD050.06.14.14 White - Return with sample. Yellow - Retain for your records.

L58108 Chain of Custod

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Quote

Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

3/6/2020

Quote Number: RADCHEM

Matrix: Drinking Water 1 Sample, Quarterly Testing for Radiochemistry Parameters

Parameter	Method	Detection Limit	Cost/Sample
Diskette/QC Summary			
Quality Control Summary			$0.00
Misc.			
Electronic Data Deliverable			$0.00
Radiochemistry			
Combined Radium (total)	Calculation (RA226 + RA228)	2	$0.00
Gross Alpha & Beta, total	M900.0	1.5 to 3 pCi/L	$51.50
Radium 226, total	M903.1	0.4 pCi/L	$94.75
Radium 228, total	M904.0	1 pCi/L	$94.75
		Cost/Sample:	**$241.00**

This quote is based on a Standard Turn Around Time (TAT) of approximately 21 days (15 business days). TAT may vary with seasonal heavy workload. Please contact your PM if rush TAT is required. Rush TAT must be pre-approved prior to sample shipment to assure that due dates can be met. Pricing includes standard reporting formats and standard ACZ EDDs. All projects received are subject to a $125.00 Minimum Invoice Charge. Please note that method detection limits are estimates and may be elevated depending on sample matrix that require dilution. Pricing includes coolers, bottles pre-preserved as needed, labels, COCs and ice-packs shipped to your site or office via UPS ground. Return shipping is the responsibility of the client. Please allow ample time for your bottles to arrive. ACZ assigns a Project Manager to all of our clients. Your Project Manager is Bill Lane. Bill will serve as your main point of contact for all bottle orders, report statuses, questions on your data and changes to your account, and can be reached at billl@acz.com or 970-879-6590 ext 606.

Paid Online by Credit Card
3.23.2020 11:46 AM
Trans. Id 419026762 46
VISA ***7908

REPAD.09.06.05.01

S/ tjv D/ 21 P/

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Quote

Vincent Crowder
Benet Hill Monastery
3190 Benet Lane
Colorado Springs, CO 80921

Quote Number: RADCHEM

CONTRACT DETAILS
Pricing includes coolers, bottles pre-preserved as needed, labels, COCs and ice-packs shipped to your site or office via UPS ground. Return shipping is the responsibility of the client. Please allow three to five days for delivery when ordering containers. ACZ must be notified prior to receiving samples of all special requests such as electronic data deliverables or special reporting requirements. The client will be charged for special sample containers or express shipping and additional charges may apply for non-standard requests.

This quotation is valid for six months from the bid date unless specified otherwise in the bid. All bids must be signed and returned to ACZ before the project(s) is received. The authorized signature represents acceptance of the pricing as well as the general terms and conditions of ACZ Laboratories, Inc. which may be downloaded from our web site at http://www.acz.com/wp-content/uploads/2015/10/ACZ_Terms_Conditions.pdf. Please note that MDL's in this quote may possibly increase due to sample matrix or samples with high TDS.

All orders that require shipping of coolers are subject to a minimum charge of $200.00. Local orders without shipping are subject to a minimum charge of $125.00. Samples may incur a $11.00/sample disposal fee for any samples deemed to be hazardous.

ACZ Representative (Authorized signature and date) _____

Client Representative (Authorized signature and date) _____ Vincent Crowder 3/23/2020

REPAD.09.06.05.01

S/ tjv D/ 21 P/

Colorado Analytical LABORATORIES, INC.

Analytical Results

TASK NO: 200323056

Report To: Vincent Crowder
Company: Benet Hill Monastery
3190 Benet Lane
Colorado Springs CO 80921

Bill To: Vincent Crowder
Company: Benet Hill Monastery
3190 Benet Lane
Colorado Springs CO 80921

Task No.: 200323056
Client PO:
Client Project: Sanctuary of Peace New Well

Date Received: 3/23/20
Date Reported: 3/25/20
Matrix: Water - Drinking

Lab Number	Customer Sample ID	Sample Date/Time		Test	Result	Method	Date Analyzed
200323056-01	Sanctuary Well	3/23/20	11:30 AM	Total Coliform	**Absent**	SM 9223	3/24/20
				E-Coli	**Absent**	SM 9223	3/24/20

Abbreviations/ References:

Absent = Coliform Not Detected
Present = Coliform Detected - Chlorination Recommended
Date Analyzed = Date Test Completed
SM = "Standard Methods for the Examination of Water and Wastewater"; APHA; 19th Edition; 1995

DATA APPROVED FOR RELEASE BY

Drinking Water Chain of Custody

Colorado Analytical LABORATORIES, INC.

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	**Bill To Information** (If different from report to)	**Project Information**
Company Name: ~~VINCENT CROWDER~~ SOP-Benet Hill Monastery	Company Name: ~~Benet Hill Monastery~~ (SAME)	PWSID: CO0121702
Contact Name: Vincent Crowder	Contact Name:	System Name: Sanctuary at Pezas POA
Address: 3190 Benet Ln	Address:	Compliance Samples: Yes ☑ No ☐
City: Colorado Springs State: Co Zip: 80921	City: State: Zip:	Send Results to CDPHE: Yes ☑ No ☐
Phone: 720-839-0752	Phone:	Task Number (Lab Use Only) CAL Task No. 200323056
Email: VCrowder@benethillmonastery.org	Email:	
Sample Collector: DS		
Sample Collector Phone: 719-205-0201	PO Number:	

Date	Time	Client Sample ID / Sample Pt ID	No. of Containers	Residual Chlorine (mg/L) P/A Samples Only	PHASE I, II, V Drinking Water Analyses (check requested analysis)																					Subcontract Analyses					
					Total Coliform P/A	504.1 EDB/DBCP	505 Pests/PCBs	515.4 Herbicides	524.2 VOCs	525.2 SOCs-Pest	531.1 Carbamates	547 Glyphosate	548.1 Endothall	549.2 Diquat	524.2 TTHMs	552.2 HAA5s	Lead/Copper	Nitrate	Nitrite	Fluoride	Inorganics	Alk./Lang. Index (Circle)	TOC, DOC (Circle)	SUVA, UV 254 (Circle)	Gross Alpha/Beta	Gross Alpha/Beta	Radium 226/228	Radon	Uranium	Chlorite
3-23-20	11:30	SANCTUARY WELL	1	0																X										
3-23-20	11:30	SANCTUARY WELL	1	0														X	X	X										
3-23-20	11:30	SANCTUARY WELL	1	0										X																
3-23-20	11:30	SANCTUARY WELL	2	0					X																					
3-23-20	11:30	SANCTUARY WELL	1	0								X																		
3-23-20	11:30	SANCTUARY WELL	1	0			X																							
3-23-20	11:30	SANCTUARY WELL	3	0		X																		X	X					
3-23-20	11:30	SANCTUARY WELL	3	0				X																						
3-23-20	11:30	SANCTUARY WELL	2	0			X			X																				
			3	0																										

Instructions:

C/S Info:

Seals Present Yes ☐ No ☒ Headspace Yes ☐ No ☒

Delivered Via: C/S Charge ☒ Temp 4 °C Ice Y Sample Pres. Yes ☒ No ☐

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/23/20 4:05 PM	Adams	3/23/20				

1610

Benet Hill Monastery Well
Water Quality Test Results
Secondary Contaminants
12/06/2019 sample

Colorado Analytical LABORATORIES, INC.

Analytical Results

TASK NO: 191206073

Report To: Vincent Crowder
Company: Benet Hill Monastery
3190 Benet Lane
Colorado Springs CO 80921

Bill To: Vincent Crowder
Company: Benet Hill Monastery
3190 Benet Lane
Colorado Springs CO 80921

Task No.: 191206073
Client PO: Paid CC
Client Project: Sanctuary of Peace New Well

Date Received: 12/6/19
Date Reported: 12/11/19
Matrix: Water - Ground

Customer Sample ID Benet Hill Monastery Main Well
Sample Date/Time: 12/6/19 12:30 PM
Lab Number: 191206073-01

Test	Result	Method	ML	Date Analyzed	Analyzed By
Chloride	**3.43 mg/L**	EPA 300.0	0.01 mg/L	12/11/19	MAT
Sulfate	**5.30 mg/L**	EPA 300.0	0.01 mg/L	12/11/19	MAT
Total					
Aluminum	**0.004 mg/L**	EPA 200.8	0.001 mg/L	12/9/19	IPC
Iron	**0.013 mg/L**	EPA 200.7	0.005 mg/L	12/10/19	MBN
Manganese	**< 0.0008 mg/L**	EPA 200.8	0.0008 mg/L	12/9/19	IPC
Silver	**0.0006 mg/L**	EPA 200.8	0.0001 mg/L	12/9/19	IPC
Zinc	**0.016 mg/L**	EPA 200.8	0.001 mg/L	12/9/19	IPC

Abbreviations/ References:

ML = Minimum Level = LRL = RL
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed

DATA APPROVED FOR RELEASE BY

Chain of Custody Form

Colorado Analytical LABORATORIES, INC

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	Bill To Information (If different from report to):	Project Name / Number
Company Name: ~~HA~~ Benet Hill Monastery	Company Name: Same	Sanctuary for Peace New Well
Contact Name: Vincent Crowder	Contact Name:	
Address: 3190 Benet LN	Address:	Task Number (Lab Use Only)
City Colorado Spring State Co Zip 80921	City State Zip	CAL Task No. 191206073
Phone: 719-355-1639	Phone:	
Email: VCrowder@benethillmonastery.org	Email:	JML
Sample Collector: Vincent Crowder		
Sample Collector Phone: ~~720~~ 719-355-1639	PO No.:	

Sample Matrix (Select One Only)

Waste Water ☐ Soil ☐ Drinking Water ☐
Ground Water ☒ Sludge ☐
Surface Water ☐

Date	Time	Sample ID	No. of Containers	Grab or Composite	Tests Requested: See attached	Metals
12/6/19	12:30 PM	Benet Hill Monastery Main Well	1		X	
		* 3 DAY TAT *				

Instructions:

C/S Info:
Deliver Via: HD C/S Charge ☐

Seals Present Yes ☐ No ☐
Temp. 18°C/Ice N Sample Pres. Yes ☐ No ☒

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
	12/6/19-3:40 pm	Adams	12/6/19 1540				

Page 2 of 3

Vince @ Crowder
- Bruce Hill Monastary

Inorganic Chemicals and MCL (mg/L):

1. Antimony 0.006
2. Arsenic 0.01
3. Barium 2.0
4. Beryllium 0.004
5. Cadmium 0.005
6. Chromium 0.1
7. Cyanide (Total*) 0.2
8. Fluoride 4.0
9. Mercury... 0.002
10. Nitrate 10.0 (as Nitrogen)
11. Nitrite 1.0 (as Nitrogen)
12. Total Nitrate and Nitrite 10.0 (as Nitrogen)
13. Selenium 0.05
14. Thallium 0.002

*If total cyanide is 0.2 mg/L, or greater then further analysis for free cyanide is required.

Rush 3 max TAT-

Secondary Maximum Contaminants :

1. Aluminum 0.05 to 0.2 mg/L
2. Chloride 250 mg/l
3. Corrosivity Non-corrosive
4. Iron 0.3 mg/L
5. Manganese 0.05 mg/L
6. pH 6.5-8.5
7. Silver 0.1 mg/L
8. Sulfate 250 mg/L
9. Total dissolved solids (TDS) 500 mg/L
10. Zinc 5.0 mg/L

Radionuclides:

1. Gross Alpha/Beta-Water
2. Combined radium-226 and radium-2281 5pCi/L

Bacteriological:

1. Total Coliform Absence

Colorado Analytical LABORATORIES, INC.

Analytical Results

TASK NO: 191206073

Report To: Vincent Crowder
Company: Benet Hill Monastery
3190 Benet Lane
Colorado Springs CO 80921

Bill To: Vincent Crowder
Company: Benet Hill Monastery
3190 Benet Lane
Colorado Springs CO 80921

Task No.: 191206073
Client PO: Paid CC
Client Project: Sanctuary of Peace New Well

Date Received: 12/6/19
Date Reported: 12/11/19
Matrix: Water - Ground

Customer Sample ID: Benet Hill Monastery Main Well
Sample Date/Time: 12/6/19 12:30 PM
Lab Number: 191206073-01

Test	Result	Method	ML	Date Analyzed	Analyzed By
Bicarbonate	48.7 mg/L as CaCO3	SM 2320-B	0.1	12/10/19	ERL
Calcium as CaCO3	2.3 mg/L	EPA 200.7	0.1	12/10/19	MBN
Carbonate	< 0.1 mg/L as CaCO3	SM 2320-B	0.1	12/10/19	ERL
Hydroxide	< 0.1 mg/L as CaCO3	SM 2320-B	0.1	12/10/19	ERL
Langelier Index	-2.41 units	SM 2330-B		12/11/19	SAN
pH	7.25 units	SM 4500-H-B	0.01	12/6/19	IPC
Temperature	20 °C	SM 4500-H-B	1	12/6/19	IPC
Total Alkalinity	48.7 mg/L as CaCO3	SM 2320-B	0.1	12/10/19	ERL
Total Dissolved Solids	88 mg/L	SM 2540-C	5	12/11/19	ISG

Abbreviations/ References:

ML = Minimum Level = LRL = RL
mg/L = Milligrams Per Liter or PPM
ug/L = Micrograms Per Liter or PPB
mpn/100 mls = Most Probable Number Index/ 100 mls
Date Analyzed = Date Test Completed

DATA APPROVED FOR RELEASE BY

Chain of Custody Form

Colorado Analytical LABORATORIES, INC

Commerce City Lab
10411 Heinz Way
Commerce City CO 80640

Lakewood Service Center
12860 W. Cedar Dr, Suite 100A
Lakewood CO 80228

Phone: 303-659-2313

www.coloradolab.com

Report To Information	Bill To Information (If different from report to)	Project Name / Number
Company Name: HA Benet Hill Monastery	Company Name: Same	Sanctuary for Peace New Well
Contact Name: Vincent Crowder	Contact Name:	
Address: 3190 Benet Ln	Address:	Task Number (Lab Use Only)
City Colorado Spring State Co Zip 80921	City State Zip	
Phone: 719-355-1639	Phone:	CAL Task No. 191206073
Email: VCrowder@benethillmonastery.org	Email:	
Sample Collector: Vincent Crowder		JML
Sample Collector Phone: 719-355-1639	PO No.:	

Sample Matrix (Select One Only)

Waste Water ☐ Soil ☐ Drinking Water ☐
Ground Water ☒ Sludge ☐
Surface Water ☐

Tests Requested

Date	Time	Sample ID	No. of Containers	Grab or (Check One Only) Composite	See attached															
12/6/19	12:30 PM	Benet Hill Monastery Main Well	1		X															
		* 3 DAY TAT *																		

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Instructions:

C/S Info: Deliver Via: HD C/S Charge ☐

Seals Present Yes ☐ No ☐ Temp. 18 °C/Ice N Sample Pres. Yes ☐ No ☒

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
	12/6/19-3:46pm	Adams	12/6/19				

Inorganic Chemicals and MCL (mg/L):

1. Antimony 0.006
2. Arsenic 0.01
3. Barium 2.0
4. Beryllium 0.004
5. Cadmium 0.005
6. Chromium 0.1
7. Cyanide (Total*) 0.2
8. Fluoride 4.0
9. Mercury... 0.002
10. Nitrate 10.0 (as Nitrogen)
11. Nitrite 1.0 (as Nitrogen)
12. Total Nitrate and Nitrite 10.0 (as Nitrogen)
13. Selenium 0.05
14. Thallium 0.002

*If total cyanide is 0.2 mg/L. or greater then further analysis for free cyanide is required.

Secondary Maximum Contaminants :

1. Aluminum 0.05 to 0.2 mg/L
2. Chloride 250 mg/l
3. Corrosivity Non-corrosive
4. Iron 0.3 mg/L
5. Manganese 0.05 mg/L
6. pH 6.5-8.5
7. Silver 0.1 mg/L
8. Sulfate 250 mg/L
9. Total dissolved solids (TDS) 500 mg/L
10. Zinc 5.0 mg/L

Radionuclides:

1. Gross Alpha/Beta-Water
2. Combined radium-226 and radium-2281 5pCi/L

Bacteriological:

1. Total Coliform Absence