

**GRAND COUNTY AIRPORT BOARD
REGULAR MEETING
AGENDA**

**June 3, 2024 @ 4:00 p.m.
Grand County Commission Chambers, 125 E. Center Street
Moab, UT 84532**

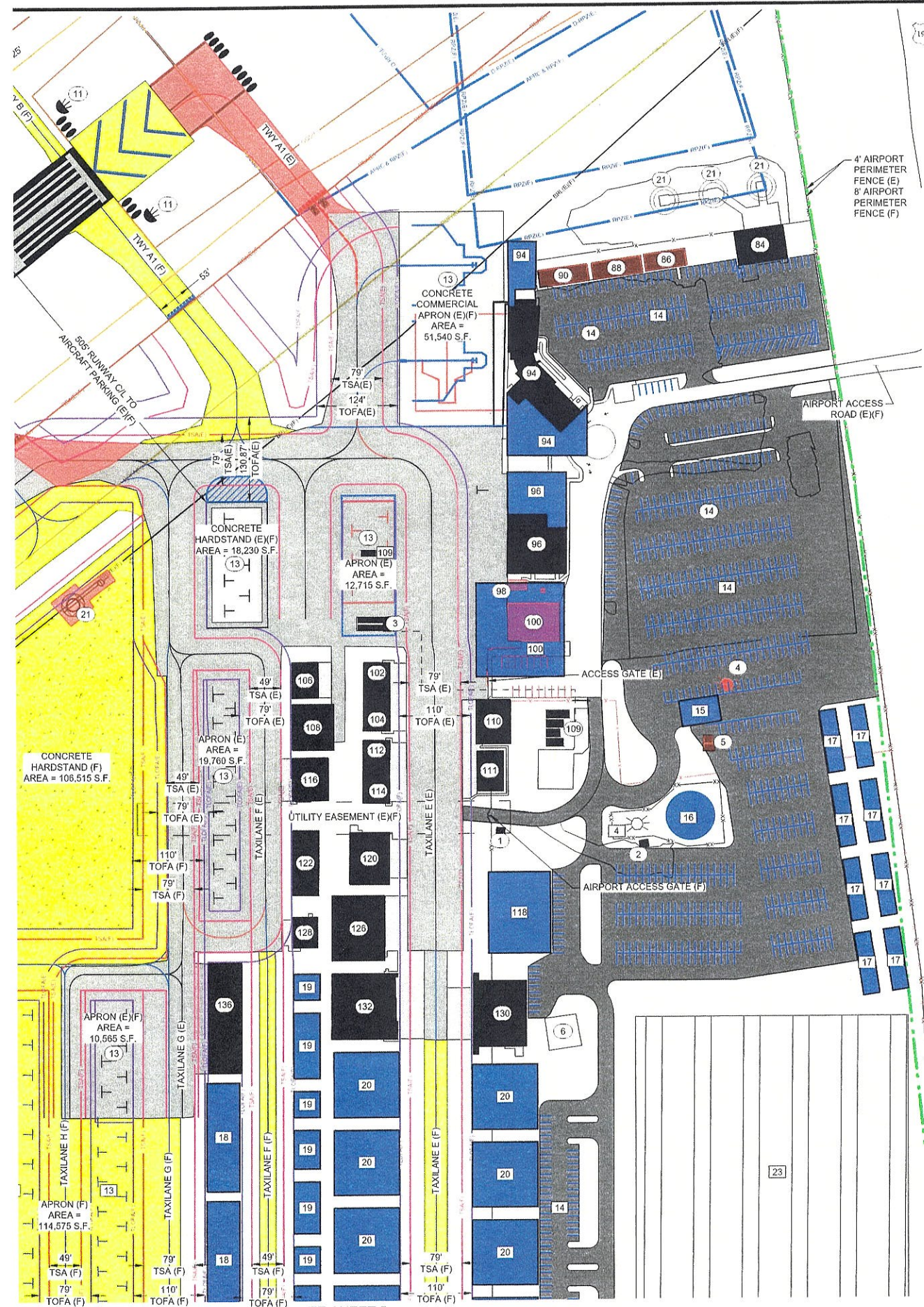
Join Zoom Meeting <https://us02web.zoom.us/j/85919598974>
To join by phone: Dial (669) 900-6833 Meeting ID: 859 1959 8974

- A. Call to Order
- B. General Business
 - 1. Approve minutes of April 1, 2024 (Regular meeting) (May meeting canceled).
- C. Citizens to be Heard
- D. Action Items: Discussion and Consideration (some for Recommendation to County Commission with approvals subject to limitation)
 - 1. Interview Brian Hunnings and Alex Borichevsky for a position on the Airport Board (Travel Council Rep.)
 - 2. Airport Garage Co. has a new site plan (5/21).
 - 3. Choose a committee to determine insurance terms for new airport leases.
- E. Discussion Items:
 - 1. Project Reports
 - a. Advertising (Mentioned in Future Considerations on 4/1.)
 - b. Ramp/Taxiway A1 - Bid accepted, waiting for grant offer from FAA.
 - c. Generator for terminal - Completed.
 - d. Drive through gate replacement - out for bids. Extended deadline for proposals to June 11, 2024.
- F. Reports:
 - 1. Airport Monthly Data Report - April & May 2024 & Virtower Data
 - 2. Director's Report for April & May 2024
 - 3. County Commission
 - 4. City of Moab
 - 5. Travel Council
 - 6. Solar Committee
 - 7. Other reports for Airport Board
- G. Future Considerations
- H. Closed Session, if necessary
- I. Adjourn

Those with special needs requests wishing to attend Airport Board meetings are encouraged to contact the County two (2) days in advance of these events. Specific accommodations necessary

to allow participation of disabled persons will be provided to the maximum extent possible.
Requests, or any questions or comments can be communicated to: (435) 259-1346.

Posted by: Tara Collins
at the Grand County Commission Chambers _____ Date _____ Time _____



ARMSTRONG

LOCHNER COMPANY

CANYONLANDS REGIONAL AIRPORT
GRAND COUNTY, UTAH

AIP No. 3-49-0020-042-2022
AIRPORT LAYOUT PLAN

No.	ACI No.	Date	Revision / Description	File	Drawn	Chk'd	Appr'd
0	226796	05/20/23	ORIGINAL ISSUE	6796303	RA	JPH	J2P

TERMINAL
AREA
DRAWING

Sheet: 4 of: 24

**GRAND COUNTY AIRPORT BOARD
REGULAR MEETING
MINUTES**

**April 1st, 2024 @ 4:00 p.m.
Grand County Commission Chambers, 125 E. Center Street
Moab, UT 84532**

A. Call to Order

1. The meeting was called to order at 4:00 p.m.
2. Members present: Jody Patterson, Bill Hawley, Bill Winfield (County Rep.), Jason Taylor (Moab City Rep.), Jenny Gleason (Travel Council Rep.), and Randy Martin. Airport Director Tammy Howland was also present.
3. Members not present: Laurel Catto, Shalee Bryant.
4. Others present: Director's Assistant Tara Collins, Tom McKay of Moab Express. On Zoom were Eric Rivera of Armstrong, and Ed Prather of Airport Garage Co. (Bill Prather's son).

B. General Business

5. Re-approve minutes of February 5th, 2024 (Regular meeting) – a later version (2/9) exists than the one considered & voted on at the March 4th meeting, OR, let stand the earlier version (2/8) already approved on March 4.
Motion by Jason to approve the latest version, seconded by Jenny, approved 5-0.
6. Approve minutes of March 4th, 2024 (Regular meeting)
Motion by Randy to approve the minutes, seconded by Jason, approved 5-0.

C. Citizens to be Heard - None

D. Action Items: Discussion and Consideration (some for Recommendation to County Commission with approvals subject to limitation)

1. Airport Garage Co. new garages: New request for location of garages. Prather sent drawing of 2 new options on March 12.

Ed Prather brought up the 2 alternative locations, Tammy showed the graphics. Ed said these locations would make the project cost-feasible. Tammy said the alternative that was longways from east to west was not an option for her, because it would prohibit the extension of the parking area southward. Jody wondered if they could be painted to blend in with the environment. Tammy proposed a mural with aeronautic themes. Bill Hawley brought up future development plans for the airport. He understands that building garages further south is more expensive, but said that any hangar developer at CNY is faced with the same soil challenges and associated costs. He cited 108 and 118 as examples. He said that having an established area for garages, including future garages beyond this project, is more important, for overall airport development. Ed said that given the costs, they are looking at building just one set of 12 garages, not two sets. Jody pointed out that hangars and garages are not that comparable, since hangars must go in designated spots, and landside has much more vague designations. But Jody did agree that

they should take into account the long-term plans for the airport. Jason said the Board had come up with a plan, and that they should stick to that plan. Others agreed.

Motion by Bill H. to put the garages in the original location that the Airport Board chose, along with anything the Airport could do to help get them there, seconded by Jenny, approved 5-0.

Ed asked if anything came to the Board's mind, that may make this development easier. Bill H. responded that since this area is in flux, it makes sense to build a gravel road to it, a temporary road, necessary to get a road bed out to them. Ed said that was helpful.

2. Lease agreement for digital (screen) advertising on 2 terminal walls, for Lions Back Resort (Jon Dwight & Shannon Meredith requesting).

Tammy outlined the request, and showed the requested locations for the screens. She said the Board should discuss advertising decisions, especially when it came to projects that are maybe controversial in the community. Bill H. said it had always been their intention to have advertising on all the monitors at the terminal. He said they wanted to have advertising space available on a time-share basis to advertisers. He asked how much time Lions Back wanted to rent out advertising space? Tammy explained that Lions Back would use their own monitors, so they would be the only advertiser on there. The existing terminal monitors, Tammy said, are just TV's. They're not set up for this kind of advertising. One would need to connect the screens up to a computer. Bill H. agreed, and said their intention was that those screens would be airport-owned and controlled. The idea, he said, was that no one advertiser would have more rights than anyone else, other than buying the rights. But, he said, Lions Back installing their own personal screens goes past what we need to do. He said we need to charge them appropriately so that the monitors are County-owned, and County-controlled. So that they are just renting space. That way, he said, there's no conflict of interest, and nobody gets a better deal than the next guy. He said it wouldn't be right to let them put up their own monitors.

Jenny said that it could be a problem if it's Lions Back only, that that could generate some PR. She thought that others would request access to those monitors as well. There was more discussion of the airport's advertising system, as it was envisioned, and how the current equipment is not right for that intended use, and is unreliable and glitchy as well. They discussed what equipment they would need, to offer advertising time to people. Jenny pointed out that, at least on the Travel Council, someone must decide who approves the advertising, and how that goes about. Also, she said, this would be advertising for the County, and that's a whole other thing. Randy agreed.

Bill H. said that when they originally contemplated offering advertising, they knew time-shares were limited, so there was going to be a waiting list.

In response to Jenny's concern about the exclusivity of allowing only Lions Back to advertise, Tammy said that the FAA rule against non-discrimination applies more to users of the airport. Tammy wondered if the airport could get TRT money to upgrade the current inadequate monitors/system. Jenny said it was possible, but they have to follow the TRT rules.

The board was generally against the idea of Lions Back bringing in their own monitors, and holding a monopoly on advertising in the terminal. Bill H. said if they did it to where everybody had access, and the advertisements were from a variety of businesses, then it would be ok, because then we would not be playing favorites. He thought our advertising policy and procedure should go in the Minimum Standards. Tammy agreed. Jenny thought we should give Lions Back some direction, maybe tell Lions Back to prepare a 30-second commercial.

Motion - Jenny thought (and Jody clarified) they should deny approval of this lease, but let them know we're working on an alternative screen advertising method, one that would be more beneficial to multiple advertisers. Randy seconded, approved 5-0.

E. Discussion Items:

1. Project Reports

- a. Ramp/Taxiway A1 - Invitation for bids for construction work published March 7, 14, 21.

Eric said bids will open up on Thursday 4/4. The second part of this project is the Apron expansion. Funding for the hardstand is more uncertain, because that will take some discretionary funding.

- b. Generator for terminal - Contract fully signed, waiting for generator and switch to arrive.

Tammy said any minute now, the generator will arrive.

- c. Drive through gate replacement -

Tammy needs to get that out for bid, but the FEMA money has been approved for it.

- d. Hangar 118 – They poured footers and stem walls.
It's moving along.

F. Reports:

1. Airport Monthly Data Report - March 2024 & Virtower Data

Tammy doesn't have March's data yet. Tammy said Contour's numbers look hopeful. They (Randy, Tammy, Bill W.) had a talk with Mark Wilkie, he's an aide for Senator Lee, regarding our EAS service, and how it's affecting the local economy. Randy said Contour's fuel purchases are increasing, although their fuel sales are still lower than with SkyWest. Tammy said now that Contour is doing 3

flights a day, in order to do their turnarounds, they will have to buy their fuel in Moab, because the wait time for fuel in Phoenix is an hour. Jody wondered if they were buying fuel in Page, AZ. Tammy reported a bit on the Triennial training, it went well. Their 139 inspection is in May this year. They've had their security inspection with TSA.

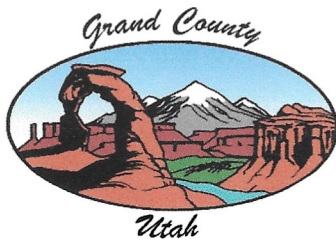
2. Any questions on the Director's Report for March 2024
3. County Commission

Bill W. also spoke about the meeting with Senator Lee. The only other thing is that the County Attorney is tracking down the return of the payment for the vending machine. He said we shouldn't pay for any items up front, don't pay until it's onsite. Or else hold back on part of the payment.
4. City of Moab

Jason said they (he and Jacques, Mary, Joette) went to Washington D.C., and met with DOT Mark Raggio, who speaks very highly of Tammy. He said Raggio intimately knows our area and its issues. Raggio said we could ask for a 5-year contract from an airline. Most airlines don't want to bite off that much. Raggio said that the SkyWest reorganization has still not been approved by the FAA. Tammy and Jenny discussed some advertising they will do through Economic Development.
5. Travel Council

Jenny said they're working on their budget, their website, and social media. They're going to try to promote more wedding events, which are already a big deal here.
6. Solar Committee

Bill H. said they're about ready to look at some proposals from 2 or 3 companies for a lease or PPA (Solar Power Purchase Agreement). He would like a small group to review these with him, and maybe a County Commission person too. They will bring in the County Attorney later. Tammy suggested Mallory, as Commission Admin. Trisha Hedin is also interested in green, sustainable projects. Bill H. said it's a net metering thing.
7. Other reports for Airport Board
- G. Future Considerations
- H. Closed Session, if necessary
- I. Adjourn - 5:18 p.m.



Board and Commission Application and Certification Form

Instructions: Complete and sign this form and return it to Grand
County Council Office, 125 E. Center St., Moab, UT 84532; fax: 435-259-2574; or
council@grandcountyutah.net

Board or Commission Applied For: Airport Board

Name: Alex Boricherky

Mailing Address: 16 Orchard Way

City: Moab State: UT ZIP Code: 84532

Day Phone: 801 231 6743 Email Address: axlecheff@gmail.com

In what year did you establish your current residency in Grand County? 2010
(residency is required for all Boards; some District boards require residency within the District,
which may not include Moab City limits; **two** years' residency prior to assuming board
membership is required for Planning Commission)

If not Grand County, which county do you reside in? (applicable for Historical
Preservation Commission and Housing Authority of Southeastern Utah) _____

Occupation or professional training: Self employed Restaurants owner

List your work experience that is relevant to your application for a position on the
Board or Commission for which you are applying (if needed, attach a separate page):

I've been on the TCAB for two years

There was a need for a representative for
the Airport Board so I volunteered.

I've been in the service industry in Moab
since 2000.

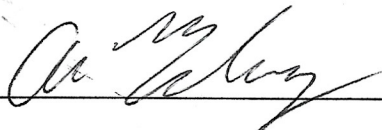
List your non-work experience that is relevant to your application for a position on the Board or Commission for which you are applying:

CERTIFICATION

I have read Resolution No. 3184, I understand the eligibility requirements for serving on the above-named Board or Commission, and I certify, that all the information on this form is true and correct.

Additionally, I have read and understand the County's Professional Ethics and Conflict of Interest Ordinance No. 593 (2019), including my duty to disclose non-restricted conflicts of interest prior to relevant discussions and votes and recuse myself from discussions and votes involving my restricted conflicts of interest.

If appointed, I agree to faithfully attend the meetings and adhere to the State law, County resolution and ordinance, and the Bylaws that govern the Board or Commission on which I am appointed to serve.

Signature:  Date: 5/30/24

POSITION TITLE INTERVIEW IS FOR: AIRPORT BOARD

Score: 5 = exceptional; 4 = very knowledgeable/experience; 3 = acceptable; 2 = has some knowledge, needs additional training; 1 = did not meet requirements

INTERVIEWER NAME:						DATE OF INTERVIEW:	
APPLICANT:	1	2	3	4	5	Comments	
1. Tell us about yourself. What is your background and experience?							
2. How familiar are you with Moab and Grand County?							
3. What kinds of boards and committees have you been involved with in the past?							
4. What is your knowledge and/or background in aviation?							
5. As a representative of the Travel Council, what are some common initiatives and how can the information shared help each group?							
6. What is your opinion on current Airport challenges?							

7. How would you handle any conflicts of interest related to subjects discussed on the Airport Board?						
8. Do you feel you have the time and commitment to this Board along with your other obligations?						
9. Do you have any questions for us?						
SCORE:						

Personal Comments:

BYLAWS
of the
GRAND COUNTY AIRPORT BOARD
(effective December 23, 2023)

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1. PURPOSE OF THE BOARD

- a. The Grand County Airport Board was established via Grand County Ordinance No. 467 on March 18, 2008.
- b. The purpose of the Grand County Airport Board (“the Board”) shall be to advise the Grand County Commission in matters related to the business and affairs of the Grand County Canyonlands Regional Airport (henceforth called the “Airport”). The members shall in all cases act as a Board, adopt such rules and regulations for the conduct of their meetings and the management of the Board, as they may deem proper, not inconsistent with these Bylaws, County Ordinances, and the laws of this state.

2. DUTIES OF THE BOARD

- a. The Board shall:
 - i. Recommend that the County Commission enter into contracts, agreements and other instruments required for the efficient operation of the Airport, its facilities and services.
 - ii. Advise that the County Commission purchase, trade, exchange, acquire, buy, sell, obtain option on, acquire by gift, grant, bequest, or devise, or otherwise dispose of and encumber real and personal property or any interest therein, including leases and easements.
 - iii. Provide recommendations to the County Commission concerning the movement of passengers or property to, from, or within the Airport, as it relates to security and practicality, in relation to the current Airport layout and development;
 - iv. Recommend to the County Commission regulations to prohibit any Airport hazard, obstruction, or environmental concerns;
 - v. Recommend charges, fees, and rates, and submit such recommendations to the County Commission for approval;
 - vi. Advise the County Commission concerning leases for development, use, or operation of certain lots, spaces, or areas of the Airport;

- vii. Recommend for approval by the County Commission rules governing the use of the Airport, its facilities and the use of other property and means of transportation at the Airport;
- viii. Recommend the County Commission enter into contracts or otherwise cooperate with the Federal Government, the state, or other public or private agencies;
- ix. Promote aeronautics and the furtherance of commerce and navigation by air;
- x. Recommend authorization of travel and other expenses of the Board members, agents, counsel, and employees when engaged in Board business;
- xi. Recommend the County Commission accept financial assistance from public or private sources, or that the County apply for and accept advances, loans, grants, contributions and any other forms of financial assistance from the Federal Government, state, or county or any other source public or private;
- xii. Fix the time and place at which its meetings shall be held; such place shall be a public place located within the county;
- xiii. Recommend to the County Commission the advice of specific technical experts, and other agents, as may be necessary for specific actions or projects associated with the Airport and its attendant facilities;
- xiv. Arrange with County staff for the providing of any services or supplies required by the Board;
- xv. Serve as a hearing group on violations associated with the implementation of any standards adopted by the County for operations at the Airport.
- xvi. Review annual operating budget of the Airport as determined by County staff.
- xvii. Serve as the 'Airport Board of Adjustment' as defined in Section 4.3.3 of Airport Limitation District section of the Grand County Land Use Code.

3. MEMBERSHIP

- a. The Board shall consist of seven (7) voting members and one (1) non-voting member:
 - i. One (1) voting member nominated by the City of Moab; and
 - ii. One (1) voting member nominated by the Moab Area Travel Council Advisory Board; and
 - iii. One (1) non-voting member appointed by the County Commission; and
 - iv. Five (5) voting members selected at large.
- b. All appointments to the Board shall be made by the Grand County Commission; the Commission will consider the recommendations of the Airport Board at the time of the appointment.

4. TENURE

- a. The appointment of members shall be for a term of four (4) years.
 - i. Any fraction of a calendar year in the initial appointment shall be considered a full year.
- b. Board Officers (Chair and Vice Chair) shall serve two (2) year terms, which expire on the first meeting in January on the year their term ends.
- c. A member whose term has expired may continue to hold office until a successor is appointed and qualified.
- d. A vacancy occurring in the board shall be filled for the unexpired term in the same manner as was the original appointment.

5. QUALIFICATIONS OF MEMBERS

- a. A person eligible to be appointed as a Board member shall meet the following requirements:
 - i. be not less than 21 years of age;
 - ii. be a resident of Grand County and the State of Utah; and
 - iii. be a registered voter in Grand County.
- b. Each Board member shall comply with the Grand County documentation requirements for disclosure of conflicts of interest.

6. SELECTION OF CHAIR

- a. Upon expiration of a prior term, at its first regular meeting in February, the Board shall select one of the voting members to serve as Chair.
 - i. The Chair shall be the principal Officer of the Board and shall preside over all business and affairs of the Board.
 - ii. The Chair shall, when present, preside at all meetings of the Board in accordance with Roberts Rules of Order.

7. SELECTION OF VICE-CHAIR

- a. Upon expiration of a prior term, at its first regular meeting in February, the Board shall select one of the voting members to serve as Vice-Chair.
 - i. In the absence of the Chair, or in the event of their removal, death, inability or refusal to act, the Vice-Chair shall perform the duties of the Chair, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Chair position.

8. SECRETARY

- a. A Grand County employee, working in the Department of the Airport, will act as a Secretary of Airport Board meetings. This employee will be either the Airport Director or their designee.

9. QUORUM OF THE BOARD

- a. Four (4) members of the Board constitute a quorum for the transactions of business.
- b. The Board may act officially by an affirmative vote of a majority of the members, once a quorum is established.
- c. For purposes of a closed session, the Board must vote in a supermajority (two-thirds of Board members present) to go into a closed session. For the purposes of these Bylaws, a supermajority consists of five (5) members.

10. RECORD OF MEETINGS

- a. The Board shall cause written minutes of its proceedings to be kept available for public inspection.
- b. Minutes will be kept on record in the office of the Airport Director, and made available electronically on the Grand County website.
- c. The Board shall record in the record the yea and nay votes cast by the Board with regard to any action taken by it.

11. MEETINGS OF BOARD

- a. The Board shall convene for regular meetings to be held not less than monthly throughout the year.
 - b. The order of business shall be:
 - i. Reading of minutes of the preceding meeting with editing and approval.
 - ii. Reports of the Airport Director.
 - iii. Citizens to be heard.
 - iv. Discussion and consideration items for possible action by the board.
 - v. Discussion items to be addressed by the board that do not require action.
 - vi. Elections, if required.
 - vii. Future Considerations.
- c. Emergency meetings may be ordered by the Chair or Vice-Chair.
 - i. All members must be notified immediately as well as an advertisement to the public through the most expeditious means, in order for the emergency meeting to be held as per Utah Code 52-4-202(5).
- d. Meetings shall be held at such public place, within the County, as may be designated by the Board or the Chair.
- e. The Board shall adopt a system of rules of procedure under which its meetings are to be held.
 - i. The Board may suspend the rules of procedure by two-thirds vote of the members who are present at the meeting. The Board shall not suspend the rules of procedure beyond the duration of the meeting at which

the suspension of the rules occurs.

- f. Subject to the approval of the County Commission, the Board is empowered to determine and establish such rules for the conduct of the Board as the members deem advisable, except that such rules shall not be in conflict with these Bylaws or other laws: federal, state, county, or city.

12. COMPENSATION

- a. No compensation shall be paid to members, as such, for their services.
 - i. Expenses incurred during the course of performing services for the Board or Board business may be compensated when approved by the Board from the Airport operating budget; as authorized by the Airport Director.

13. PRESUMPTION OF ASSENT

- a. A member of the Board who is present at a meeting of the members at which action on any board matter is taken shall be presumed to have assented to the action taken unless their dissent shall be entered in the minutes of the meeting. Such right of dissent shall not apply to a member who voted in favor of such action.

14. COMMITTEES

- a. The Board may designate from among its members ad hoc committees.
 - i. Committees of the Board shall report to the Board the proceedings of any committee meeting but formal recordings and minutes will not be kept of the committee discussions.
 - ii. If the committee consists of a number of members equal or greater than a quorum of the board, the committee meetings will be treated as a regular meeting subject to State requirements of open meetings.

15. AMENDMENTS

- a. These Bylaws may be altered, amended or repealed and new Bylaws may be adopted by majority vote of all members at any regular meeting or at any special meeting when the proposed amendment has been sent out in the notice of such meeting. Such amendments must be approved by the Grand County Commission.

16. REPORTS BY BOARD

- a. The Board shall file with the Grand County Commission any reports required or requested by the Commission members.

17. BUDGET OF BOARD

- a. The Board does not have a specified Budget. Recommendations for Board expenditures will be coordinated with County staff and included in the annual Airport operating budget.

18. ELECTRONIC ACCESSIBILITY FOR BOARD MEETINGS

- a. With prior arrangement with the Chair or Vice-Chair, Board members may establish meeting communication either by phone, teleconference or video conference.
- b. Any board member establishing their presence at a meeting via means of electronic communications may act within their full capacity of a Board member for the duration of the meeting.

19. RESIGNATION

- a. A member may resign at any time by giving written notice to the Board, the Chair or the Vice-Chair.
- b. Unless otherwise specified in the notice, the resignation shall take effect upon receipt thereof by the Board or such Officer and the acceptance of the resignation shall not be necessary to make it effective.
- c. It shall be considered a resignation, and a Board member shall be automatically removed from the Board, if the member has four (4) unexcused absences of regularly scheduled meetings within a period of twelve (12) consecutive months.

20. REMOVAL OF MEMBERS

- a. The Board may recommend the removal of a member to the County Commission for inefficiency, neglect of duty, or misconduct in office.
- b. The Board member in question will be provided a review hearing.
 - i. The member shall be provided a copy of the reasons for removal at least ten (10) days prior to the hearing and shall have the opportunity to respond in person.



19 units



**AIRPORT PROPERTY LEASE AND LICENSE
AGREEMENT BY AND BETWEEN
GRAND COUNTY UTAH
CANYONLANDS REGIONAL AIRPORT
AND**

**FOR
LOT ____**

1. INSURANCE

- a. County hereby expressly disclaims any and all liability for any and all losses, damage, and/or claims to the aircraft, vehicles, and/or personal property or possessions of the Tenant or for aircraft, vehicles, and/or personal property or possessions of another person or entity which are in the care, custody, and control of Tenant, including but not limited to the loss of use and/or diminishment of value.
- b. County shall not be required to carry insurance on any of Tenant's property or to replace, in whole or in any part, Tenant's property, including Tenant Improvements.
- c. Prior to the commencement of construction or any commercial activity on the Leased Premises as well as use of the Leased Premises for aeronautical activities, including aircraft storage, Tenant shall obtain and keep in force applicable insurance coverage as follows:
 - i. **Commercial General Liability / Aviation Liability:** For property damage, bodily injury and personal injury.
 1. \$1,000,000 per occurrence and \$2,000,000 annual aggregate;
 - ii. **Automobile Liability Insurance:** For bodily injury and property damage for Tenant's owned, non-owned and hired vehicles used airside.
 1. \$1,000,000 per occurrence with no limits;
 - iii. **Ground Hangar Keepers Liability:** For damage to or destruction of aircraft while in or on the Leased Premises, which policy shall be effective on the date Tenant receives its Certificate of Occupancy from the County.
 1. \$1,000,000 each aircraft and;
 2. \$1,000,000 for each occurrence;
 3. With a maximum deductible of \$10,000 each and every loss;
 - iv. **Workers Compensation Insurance:** For bodily injury or death of employees in the amount of legal liability statutory amounts, unless Tenant obtains a written waiver from the State of Utah;
 - v. **Pollution Liability for Commercial Operators:**
 1. \$1,000,000 for each occurrence; and
 - vi. **Property Insurance:** against all risks of loss to any Tenant Improvements, including any hangar or other structure constructed on the Premises, at full replacement cost.
- d. The limits of insurance shall not in any manner impair the obligations of Tenant to indemnify, protect, defend and hold harmless County as specified in this Agreement.
- e. Each insurance policy must include Grand County as an additional insured.
[for private hangars (Rydman); ; provided, however, that if Tenant cannot

add County to its personal vehicle policy, and provides County with proof of the same, Tenant shall not be in violation of this Lease.]

- f. Tenant shall provide the County with a Certificate of Insurance evidencing Tenant's compliance with the requirements of this Section prior to commencement of construction of Tenant improvements or use of the Leased Premises for aeronautical activities, before the future expiration of any policy, and within five (5) calendar days of request by the County.
 - i. Any insurance policy shall be written by insurance companies authorized to do business in the State of Utah and shall be written by companies approved by the County, such approval not to be unreasonably withheld.
 - ii. Certificates of insurance in a form acceptable to County shall be delivered to the County at least 10 days prior to the effective date of the insurance policy for which the certificate is issued.
 - iii. Each such certificate shall contain (a) a statement of the coverage provided by the policy; (b) a statement certifying County is listed as an additional insured in the policy; (c) a statement of the period during which the policy is in effect; (d) a statement that the annual premium or the advance deposit premium for such policy has been paid in advance; and (e) an agreement by the insurance company issuing such policy that the policy shall not be canceled or reduced in amount for any reason whatsoever without at least 30 calendar days' (ten (10) days in the case of cancellation for non-payment of premium) prior written notice to County.
- g. In County's sole discretion and as it deems necessary, it may periodically review, reevaluate, and increase these insurance requirements and policy amounts. In the event County requires the Tenant to purchase additional insurance policies or increase policy amounts, County shall provide 30 days' advance written notice to Tenant. In the event Tenant is unwilling to procure such additional insurance, Tenant may terminate this Lease by providing written notice to County, as provided in Section 27 of this Agreement. Annual Rent and other fees due hereunder shall be payable only to the date of said termination. In the event Tenant is unable to obtain such additional insurance, it shall provide County with notice and proof of the same, in which event this Section 21 shall continue in full force and effect.
- h. To the extent allowed by the laws of the State of Utah, the Parties hereto each hereby release and relieve the other and waive their claim of recovery for loss or damage to property on the Premises arising out of, or incident to fire, lightning and other perils to the extent that said claims, actions, damages, liability and expenses are covered by insurance of either Party, whether due to negligence of either Party, their agents, or employees or otherwise so coverable by insurance. The Parties agree to cause such

release and to endorse such provisions of insurance policies issued for the Premises or Parties which are the subject of this Agreement.

- i. Except as expressly provided in this Section 21, if Tenant, for any reason, fails to maintain insurance coverage as required by this Agreement, the same shall be deemed a material breach of this Agreement. Tenant must cease operations during any vacancy in insurance coverage until coverage has been obtained and approved.

limited to, in order to conduct any inspections, determine compliance with this Agreement, and conduct Airport work) upon providing reasonable notice to Tenant. Tenant agrees that Lessor may discuss with Tenant's employees any matters pertinent to Tenant's use, occupancy, or operations at the Premises and the Airport.

C. **Lessor's Right to Work Within, Alter, or Recover Premises.** Lessor has the right at the Airport to perform or cause to be performed any work (including, but not limited to, constructing improvements, surveying, performing environmental testing, removing any hazard or obstruction, and implementing any plan, program, or action), that Lessor (in its sole discretion) determines to be in Lessor's best interests, including, but not limited to, within the Premises. Lessor has the right to recover all or any portion of the Premises from Tenant in connection with any such work as Lessor may determine in its sole discretion. If Lessor determines to recover all or any portion of the Premises, Lessor shall provide Tenant with ninety (90) days prior written notice specifying what areas will be recovered. If any portion remaining after such recovery is not tenantable in light of the purposes of this Agreement (as determined by Lessor in its sole discretion), Lessor, in its sole discretion, shall either:

i. Purchase the Tenant-owned improvements on the Premises and terminate this Agreement for convenience. In connection with any such purchase and termination, Lessor shall pay only the following amount: the remaining, value of such Tenant-owned improvements (so long as such improvements are not in breach of this Agreement), which shall be determined as provided in Section 12.A.ii. This Agreement shall terminate at the time specified by Lessor in writing. OR:

ii. Relocate such Tenant-owned improvements to another location on the Airport that is determined by Lessor. In connection with any such relocation, Lessor shall pay the reasonable costs to relocate such improvements (so long as they are not in breach of this Agreement), and the parties agree that they shall amend this Agreement to substitute such new location as the Premises herein.

iii. Nothing under this Section 6.C shall be construed to waive Lessor's right to pursue any remedy for a breach of this Agreement arising from or relating to Tenant's use, occupancy, or operations at any portion of the Premises or at the Airport.

7. Indemnity, Insurance, and Letter of Credit.

A. **Indemnity by Tenant.** Tenant agrees to indemnify, hold harmless, and defend Lessor and its officers, agents, and employees from and against losses of every kind and character (including, but not limited to, liabilities, causes of action, losses, claims, costs, fees, attorney fees, expert fees, court or dispute resolution costs, investigation costs, environmental claims, mitigation costs, judgments, settlements, fines, demands, damages, charges, and expenses) that arise out of or relate to: (i) any use, occupancy, or operations at the Premises or the Airport by Tenant or Tenant's Associates; or (ii) any wrongful, reckless, or negligent act or omission of Tenant or Tenant's Associates. Tenant shall use attorneys, experts, and professionals that are reasonably acceptable to Lessor in carrying out this obligation. The obligation stated in this Section 7.A shall survive the expiration or other termination of this Agreement with respect

to matters arising before such expiration or other termination. These duties shall apply whether or not the allegations made are found to be true.

B. **Waiver.** Tenant assumes all risk of the use of the Premises and the Airport, and Tenant hereby knowingly, voluntarily, and intentionally waives any and all losses, liabilities, claims, and causes of action, of every kind and character, that may exist now or in the future (including, but not limited to, claims for business interruption and for damage to any aircraft) against Lessor and its officers, employees, and volunteers arising from or relating to Tenant's use, occupancy, or operations at the Premises or the Airport.

C. **Insurance.** At Tenant's cost, Tenant shall procure the following insurance coverage prior to entering the Premises, and Tenant shall maintain its insurance coverage in force at all times when this Agreement is in effect in compliance with and subject to Lessor's insurance requirements as they exist from time to time (including, but not limited to, the terms provided in Exhibit D):

i. Aviation Liability with Additional Coverage. Aviation liability insurance that includes premises liability, and, if applicable, mobile equipment coverage with a combined single limit for bodily injury and property damage of not less than two million dollars (\$2,000,000) per occurrence, including, but not limited to, contractual liability coverage for Tenant's performance of the indemnity agreement set forth in Section 7.A. If any such coverage is not available to Tenant in the form of an aircraft liability policy, Tenant shall obtain substantially similar coverage through a commercial general liability policy.

ii. Property. All risk property insurance coverage in an amount equal to the replacement cost (without deduction for depreciation) of the improvements constructed on the Premises. Tenant may purchase insurance for Tenant's personal property as Tenant may determine.

iii. Automobile. If Tenant drives any automobile other than in the roadways and automobile parking areas at the Airport (e.g. Aircraft Movement Area), comprehensive automobile liability coverage for claims and damage due to bodily injury or death of any person or property damage arising out of Tenant's ownership, maintenance, or use of any motor vehicles, whether owned, hired, or non-owned, of not less than five hundred thousand dollars (\$500,000) single combined limit "per accident" for bodily injury and property damage.

iv. Pollution. Tenant is responsible for environmental losses. Any pollution legal liability insurance obtained by Tenant shall comply with the requirements for insurance that are stated in this Agreement. If Tenant engages in self-fueling, Tenant shall comply with Lessor's self-fueling requirements, including, but not limited to, any pollution legal liability insurance requirements.

v. Aircraft. Tenant is responsible for any damage or loss to the Aircraft. Tenant shall obtain insurance coverage for the Aircraft as Tenant may determine.

vi. Business Interruption. Tenant is responsible for all costs of business

interruption, however incurred, and Tenant may purchase business interruption insurance as Tenant may determine.

D. **Performance Security.** Lessor reserves the right to require a performance security in a form and amount acceptable to Lessor upon any material default by Tenant under this Agreement.

8. **Hazardous Materials.**

A. **No Violation of Environmental Laws.** Tenant shall not cause or permit any Hazardous Materials to be used, produced, stored, transported, brought upon, or released on, under, or about the Premises or the Airport by Tenant or Tenant's Associates in violation of applicable Environmental Laws. Tenant is responsible for any such violation as provided by Section 7.A of this Agreement.

B. **Response to Violations.** Tenant agrees that in the event of a release or threat of release of any Hazardous Material by Tenant or Tenant's Associates at the Airport, Tenant shall provide Lessor with prompt notice of the same. Tenant shall respond to any such release or threat of release in accordance with applicable Laws and Regulations. If Lessor has reasonable cause to believe that any such release or threat of release has occurred, Lessor may request, in writing, that Tenant conduct reasonable testing and analysis (using qualified independent experts acceptable to Lessor) to show that Tenant is complying with applicable Environmental Laws. Lessor may conduct the same at Tenant's expense if Tenant fails to respond in a reasonable manner. Tenant shall cease any or all of Tenant's activities as Lessor determines necessary, in its sole and absolute discretion, in connection with any investigation, cure, or remediation. If Tenant or Tenant's Associates violate any Environmental Laws at the Airport (whether due to the release of a Hazardous Material or otherwise), Tenant, at Tenant's expense, shall have the following obligations, which shall survive any expiration or termination of this Agreement: (i) promptly remediate such violation in compliance with applicable Environmental Laws; (ii) submit to Lessor a written remediation plan, and Lessor reserves the right to approve such plan (which approval shall not be unreasonably withheld) and to review and inspect all work; (iii) work with Lessor and other governmental authorities having jurisdiction in connection with any violation; and (iv) promptly provide to Lessor copies of all documents pertaining to any environmental concern that are not subject to Tenant's attorney-client privilege.

C. **Obligations Affecting Permits.** To the extent that Tenant is a co-permittee with Lessor in connection with any permit relating to the environment at the Airport, or to the extent that any of Tenant's operations in connection with this Agreement or otherwise may impact Lessor's compliance with any such permit, Tenant shall work cooperatively with Lessor and other tenants and take all actions necessary to ensure permit compliance, and minimize the cost of such compliance, for the benefit of Airport operations.

D. **Obligations upon Termination and Authorized Transfers.** Upon any expiration or termination of this Agreement (and this obligation shall survive any such expiration or termination), and upon any change in possession of the Premises authorized by Lessor, Tenant shall demonstrate to Lessor's reasonable satisfaction that Tenant has removed any Hazardous

not alter any other provision of this Agreement (including, but not limited to, the term hereof or any termination rights).

5.3.2 **Relocation.** If City elects to relocate Tenant, City shall pay the reasonable costs that Tenant actually incurs to relocate to a new location (chosen by City) the Tenant Improvements (so long as such improvements are not in breach of this Agreement) and any movable property associated with Tenant's permitted uses under this Agreement. Tenant's rent at such new location shall be determined based on the actual square footage contained in Tenant's Premises at such new location.

5.3.3 **No Waiver.** Nothing under this Section 5.3 shall be construed to waive City's right to pursue any remedy for a breach of this Agreement arising from or relating to Tenant's use, occupancy, or operations at any portion of the Premises or at the Airport.

5.4 **City's Right to Implement Airport Programs.** City shall have the right to implement any lawful, reasonable, and nondiscriminatory program at the Airport as City may determine in its sole discretion, and to require Tenant to participate in or comply with any such program. Such programs may include, but are not limited to, providing common arrangements for trash disposal, utilities, or other Airport functions; providing revenue-generating activities at the Airport by City or its designee (including, but not limited to, vending machines, advertising, wireless communications, and utility services whether on or off of the Premises); designating approved vendors and service providers at the Airport; establishing central locations and security procedures for delivering goods or materials to the Airport; and establishing green building and other programs to benefit the environment and conserve energy.

5.5 **City Directives.** City is the owner and proprietor of the Airport, and City has the right to issue any lawful, reasonable, and non-discriminatory directive as a landlord and proprietor that City determines to be in City's best interests.

5.6 **Governmental Acts.** City is a government entity, and City shall at all times retain all rights, powers, and privileges afforded to it under applicable Laws and Regulations. Tenant agrees that Tenant is subject to any lawful governmental act of City without regard to the provisions of this Agreement.

6. INDEMNITY, INSURANCE, AND PERFORMANCE ASSURANCE

6.1 **Indemnity by Tenant.** Tenant agrees to indemnify, hold harmless, and defend City and its officers and employees from and against losses of every kind and character (including, but not limited to, liabilities, causes of action, losses, claims, costs, fees, attorney fees, expert fees, court or dispute resolution costs, investigation costs, environmental claims, mitigation costs, judgments, settlements, fines, demands, damages, charges, and expenses) that arise out of or relate to: (i) this Agreement; (ii) any use, occupancy, or operations at the Premises or the Airport by Tenant or Tenant's Associates; or (iii) any wrongful, reckless, or negligent act or omission of Tenant or Tenant's Associates. Tenant shall use attorneys, experts, and professionals that are reasonably acceptable to City in carrying out this obligation. This obligation does not require Tenant to indemnify City and its officers and employees against losses

(as defined above) that arise solely from the negligent acts or omissions of City and its officers and employees. The obligation stated in this Section 6.1 shall survive the expiration or other termination of this Agreement with respect to matters arising before such expiration or other termination. These duties shall apply whether or not the allegations made are found to be true.

6.2 Waiver. Tenant assumes all risk of the use of the Premises and the Airport, and Tenant hereby knowingly, voluntarily, and intentionally waives any and all losses, liabilities, claims, and causes of action, of every kind and character, that may exist now or in the future (including, but not limited to, claims for business interruption and for damage to any aircraft) against City and its officers, employees, and volunteers arising from or relating to Tenant's use, occupancy, or operations at the Premises or the Airport.

6.3 Insurance. At Tenant's cost, Tenant shall procure the following insurance coverage prior to entering the Premises, and Tenant shall maintain its insurance coverage in force at all times when this Agreement is in effect in compliance with and subject to City's insurance requirements as they exist from time to time (including, but not limited to, the terms provided in Exhibit D):

6.3.1 Aircraft Liability with Additional Coverage. Aircraft liability insurance that includes premises liability, and, if applicable, mobile equipment coverage with a combined single limit for bodily injury and property damage of not less than one million dollars (\$1,000,000) per occurrence (and one hundred thousand dollars (\$100,000) per passenger seat for applicable claims), including, but not limited to, contractual liability coverage for Tenant's performance of the indemnity agreement set forth in Section 6.1. If any such coverage is not available to Tenant in the form of an aircraft liability policy, Tenant shall obtain substantially similar coverage through a commercial general liability policy.

6.3.2 Property. All risk property insurance coverage in an amount equal to the replacement cost (without deduction for depreciation) of the Tenant Improvements. Tenant is solely responsible for Tenant's personal property, and Tenant may purchase insurance for Tenant's personal property as Tenant may determine.

6.3.3 Automobile. If Tenant drives any automobile other than in the roadways and automobile parking areas at the Airport (including, but not limited to, if Tenant parks an automobile in Tenant's hangar when permitted by this Agreement), comprehensive automobile liability coverage for claims and damage due to bodily injury or death of any person or property damage arising out of Tenant's ownership, maintenance, or use of any motor vehicles, whether owned, hired, or non-owned, of not less than five hundred thousand dollars (\$500,000) single combined limit "per accident" for bodily injury and property damage.

6.3.4 Pollution. Tenant is responsible for environmental losses. Any pollution legal liability insurance obtained by Tenant shall comply with the requirements for insurance that are stated in this Agreement. If Tenant engages in self-fueling,

Tenant shall comply with City's self-fueling requirements, including, but not limited to, pollution legal liability insurance requirements.

6.3.5 Aircraft. Tenant is solely responsible for any damage or loss to the Aircraft. Tenant shall obtain insurance coverage for the Aircraft as Tenant may determine.

6.3.6 Business Interruption. Tenant is solely responsible for all costs of business interruption, however incurred, and Tenant may purchase business interruption insurance as Tenant may determine.

6.4 Performance Assurance. City reserves the right to require a performance assurance or escrow in a form and amount acceptable to City to ensure construction completion or upon any material default by Tenant under this Agreement.

7. HAZARDOUS MATERIALS

7.1 No Violation of Environmental Laws. Tenant shall not cause or permit any Hazardous Materials to be used, produced, stored, transported, brought upon, or released on, under, or about the Premises or the Airport by Tenant or Tenant's Associates in violation of applicable Environmental Laws. Tenant is responsible for any such violation as provided by Section 6.1 of this Agreement.

7.2 Response to Violations. Tenant agrees that in the event of a release or threat of release of any Hazardous Material by Tenant or Tenant's Associates at the Airport, Tenant shall provide City with prompt notice of the same. Tenant shall respond to any such release or threat of release in accordance with applicable Laws and Regulations. If City has reasonable cause to believe that any such release or threat of release has occurred, City may request, in writing, that Tenant conduct reasonable testing and analysis (using qualified independent experts acceptable to City) to show that Tenant is complying with applicable Environmental Laws. City may conduct the same at Tenant's expense if Tenant fails to respond in a reasonable manner. Tenant shall cease any or all of Tenant's activities as City determines necessary, in its sole and absolute discretion, in connection with any investigation, cure, or remediation. If Tenant or Tenant's Associates violate any Environmental Laws at the Airport (whether due to the release of a Hazardous Material or otherwise), Tenant, at Tenant's expense, shall have the following obligations, which shall survive any expiration or termination of this Agreement: (i) promptly remediate such violation in compliance with applicable Environmental Laws; (ii) submit to City a written remediation plan, and City reserves the right to approve such plan (which approval shall not be unreasonably withheld) and to review and inspect all work; (iii) work with City and other governmental authorities having jurisdiction in connection with any violation; and (iv) promptly provide to City copies of all documents pertaining to any environmental concern that are not subject to Tenant's attorney-client privilege.

7.3 Obligations Affecting Permits. To the extent that Tenant is a co-permittee with City in connection with any permit relating to the environment at the Airport, or to the extent that any of Tenant's operations in connection with this Agreement or otherwise may impact City's compliance with any such permit, Tenant shall work cooperatively with City and other tenants



ATTACHMENT A
MINIMUM INSURANCE REQUIREMENTS – COMMERCIAL

3. ATTACHMENT A – MINIMUM INSURANCE REQUIREMENTS – COMMERCIAL

Except as otherwise provided, Operator's shall maintain, at a minimum, the coverage and limits of insurance set forth below:

Truckee-Tahoe Airport		Fixed Base Operator	Aircraft Maintenance Operator	Aircraft Rental or Flight Training Operator, Sailplane Operator	Aircraft Charter or Aircraft Management Operator	Independent Flight Training Operator	Commercial Skydiving Operator	Other Commercial Aeronautical Activities	Temporary Specialized Aviation Service Operator
COMMERCIAL GENERAL LIABILITY (Combined Single Limit)									
Each Occurrence		\$15,000,000	\$1,000,000 Piston/ Turboprop	\$1,000,000	\$2,000,000	\$1,000,000	\$2,000,000	\$2,000,000	\$2,000,000
			\$10,000,000 Turbine						
Unlicensed Vehicles		\$4,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$1,000,000	\$2,000,000	\$2,000,000	\$2,000,000
BUSINESS AUTOMOBILE LIABILITY (Combined Single Limit, Each Occurrence) *									
Non-Movement Area		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
Movement Area		\$2,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
HANGAR KEEPER'S LEGAL LIABILITY (Largest Aircraft Accommodated) **									
SE Piston	Each Aircraft	\$10,000,000 Each Aircraft \$15,000,000 Each Occurrence	\$250,000	\$250,000	\$250,000		\$250,000	\$250,000	\$250,000
	Each Occurrence		\$500,000	\$500,000	\$500,000		\$500,000	\$500,000	\$500,000
ME Piston	Each Aircraft		\$500,000	\$500,000	\$500,000		\$500,000	\$500,000	\$500,000
	Each Occurrence		\$1,000,000	\$1,000,000	\$1,000,000		\$1,000,000	\$1,000,000	\$1,000,000
Turboprop	Each Aircraft		\$1,000,000	\$1,000,000	\$1,000,000		\$1,000,000	\$1,000,000	\$1,000,000
Group I	Each Occurrence		\$2,500,000	\$2,500,000	\$2,500,000		\$2,500,000	\$2,500,000	\$2,500,000
Turboprop	Each Aircraft		\$2,500,000	\$2,500,000	\$2,500,000		\$2,500,000	\$2,500,000	\$2,500,000
Group II	Each Occurrence		\$5,000,000	\$5,000,000	\$5,000,000		\$5,000,000	\$5,000,000	\$5,000,000
Turbojet	Each Aircraft		\$5,000,000	\$5,000,000	\$5,000,000		\$5,000,000	\$5,000,000	\$5,000,000
Group I	Each Occurrence		\$10,000,000	\$10,000,000	\$10,000,000		\$10,000,000	\$10,000,000	\$10,000,000
Turbojet	Each Aircraft		\$10,000,000	\$10,000,000	\$10,000,000		\$10,000,000	\$10,000,000	\$10,000,000
Group II	Each Occurrence		\$15,000,000	\$15,000,000	\$15,000,000		\$15,000,000	\$15,000,000	\$15,000,000
Turbojet	Each Aircraft		\$15,000,000	\$15,000,000	\$15,000,000		\$15,000,000	\$15,000,000	\$15,000,000
Group III ***	Each Occurrence		\$25,000,000	\$25,000,000	\$25,000,000		\$25,000,000	\$25,000,000	\$25,000,000
AIRCRAFT AND PASSENGER LIABILITY (Each Occurrence)									
SE Piston				\$1,000,000/\$100,000 sub limit per person				As required	As required
ME Piston				\$1,000,000/\$100,000 sub limit per person				As required	As required
Turboprop				\$5,000,000/\$250,000 sub limit per person				As required	As required
Turbojet/Group I				\$5,000,000/\$250,000 sub limit per person				As required	As required
Turbojet/Group II				\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	As required	As required
Turbojet/Group III ***				\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	As required	As required
Student and Renters				\$250,000		\$250,000			
ENVIRONMENTAL LIABILITY (Combined Single Limit)									
		\$2,000,000	\$1,000,000						
WORKER'S COMPENSATION									
		Limits Based Upon Statutory Requirements							

* If entity operates any vehicle(s)

** Required for Operators possessing the care, custody, and control of non-owned Aircraft

*** Includes Aircraft Design Group IV, Group V, and Group VI



BID TABULATION

Canyonlands Regional Airport
Moab, Utah
Relocate Taxiway A1 and Expand Apron
AIP No. 3-49-0020-046-2023
ACI No. 237004
Bid Opening: April 4, 2024 at 2:00 p.m., MDT

					Engineer's Estimate		Kilgore Companies dba LeGrand Johnson	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule I - Relocate Taxiway A1								
I-1	C-100	Contractor Quality Control Program (CQCP)	1	LS	\$ 115,155.95	\$ 115,155.95	\$ 420,000.00	\$ 420,000.00
I-2	C-102	Temporary Slope Drains, Benches, Dikes, Dams, and Sediment Basins	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental
I-3	C-105	Mobilization	1	LS	\$ 153,413.31	\$ 153,413.31	\$ 190,000.00	\$ 190,000.00
I-4	C-110	Method of Estimating Percentage of Material with Limits (PWL)	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental
I-5	P-101a	Remove Pavement (Full Depth)	3,244	SY	\$ 10.00	\$ 32,440.00	\$ 6.80	\$ 22,059.20
I-6	P-101b	Remove Concrete Encased Duct Bank	80	LF	\$ 65.00	\$ 5,200.00	\$ 26.50	\$ 2,120.00
I-7	P-101c	Remove Airfield Electrical Cable, Counterpoise Wire, and Conduit	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 5,200.00	\$ 5,200.00
I-8	P-101d	Remove Splice Base	3	EA	\$ 500.00	\$ 1,500.00	\$ 526.00	\$ 1,578.00
I-9	P-101e	Remove Runway Light	9	EA	\$ 500.00	\$ 4,500.00	\$ 105.00	\$ 945.00
I-10	P-101f	Remove Taxiway Light	23	EA	\$ 300.00	\$ 6,900.00	\$ 105.00	\$ 2,415.00
I-11	P-101g	Remove Threshold Light	8	EA	\$ 500.00	\$ 4,000.00	\$ 105.00	\$ 840.00
I-12	P-101h	Remove Lighted Guidance Sign	4	EA	\$ 1,500.00	\$ 6,000.00	\$ 526.00	\$ 2,104.00
I-13	P-101i	Remove Culvert	145	LF	\$ 50.00	\$ 7,250.00	\$ 23.00	\$ 3,335.00
I-14	P-101j	Remove Underdrain	1,676	LF	\$ 15.00	\$ 25,140.00	\$ 15.50	\$ 25,978.00
I-15	P-101n	Marking Removal (Obliteration)	20,480	SF	\$ 3.00	\$ 61,440.00	\$ 0.75	\$ 15,360.00
I-16	P-152a	Unclassified Excavation	5,930	CY	\$ 18.00	\$ 106,740.00	\$ 17.00	\$ 100,810.00
I-17	P-152b	Subgrade Preparation (36 inches deep)	3,615	SY	\$ 25.00	\$ 90,375.00	\$ 16.00	\$ 57,840.00



BID TABULATION

Canyonlands Regional Airport
Moab, Utah
Relocate Taxiway A1 and Expand Apron
AIP No. 3-49-0020-046-2023
ACI No. 237004
Bid Opening: April 4, 2024 at 2:00 p.m., MDT

					Engineer's Estimate		0	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule I - Relocate Taxiway A1 (CONTINUED)								
I-18	P-152c	Subgrade Preparation (12 inches deep)	1,155	SY	\$ 15.00	\$ 17,325.00	\$ 14.00	\$ 16,170.00
I-19	P-152d	Shoulder Grading	2,100	SY	\$ 5.00	\$ 10,500.00	\$ 3.50	\$ 7,350.00
I-20	P-152e	Compacted Millings (8 inches thick)	250	SY	\$ 15.00	\$ 3,750.00	\$ 13.00	\$ 3,250.00
I-21	P-153	Controlled Low Strength Material (CLSM)	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental
I-22	P-154a	Subbase Course (30 inches thick)	3,615	SY	\$ 35.00	\$ 126,525.00	\$ 53.00	\$ 191,595.00
I-23	P-154b	Subbase Course (16 inches thick)	735	SY	\$ 30.00	\$ 22,050.00	\$ 28.00	\$ 20,580.00
I-24	P-154c	Subbase Course (12 inches thick)	420	SY	\$ 28.00	\$ 11,760.00	\$ 26.00	\$ 10,920.00
I-25	P-154d	Separation Geotextile	4,780	SY	\$ 8.00	\$ 38,240.00	\$ 2.00	\$ 9,560.00
I-26	P-209a	Crushed Aggregate Base Course (6 1/2- inches thick)	3,615	SY	\$ 16.00	\$ 57,840.00	\$ 16.00	\$ 57,840.00
I-27	P-209b	Crushed Aggregate Base Course (6-inches thick)	1,155	SY	\$ 15.00	\$ 17,325.00	\$ 15.50	\$ 17,902.50
I-28	P-401a	Asphalt Surface Course	1,135	TON	\$ 100.00	\$ 113,500.00	\$ 150.00	\$ 170,250.00
I-29	P-401b	Bituminous Material (PG 70-34)	80	TON	\$ 900.00	\$ 72,000.00	\$ 750.00	\$ 60,000.00
I-30	P-608-R	Asphalt Surface Treatment (w/ Sand)	3,350	SY	\$ 5.00	\$ 16,750.00	\$ 10.50	\$ 35,175.00
I-31	P-602	Emulsified Asphalt Prime Coat	6	TON	\$ 900.00	\$ 5,400.00	\$ 525.00	\$ 3,150.00
I-32	P-603	Emulsified Asphalt Tack Coat	3	TON	\$ 700.00	\$ 2,100.00	\$ 525.00	\$ 1,575.00



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Moab, Utah
Relocate Taxiway A1 and Expand Apron
AIP No. 3-49-0020-046-2023
ACI No. 237004
Bid Opening: April 4, 2024 at 2:00 p.m., MDT

					Engineer's Estimate		0	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule I - Relocate Taxiway A1 (CONTINUED)								
I-33	P-610	Concrete for Miscellaneous Structures	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental
I-34	P-620a	Marking	31,435	SF	\$ 2.50	\$ 78,587.50	\$ 2.20	\$ 69,157.00
I-35	P-620b	Temporary Marking	34,515	SF	\$ 2.00	\$ 69,030.00	\$ 0.90	\$ 31,063.50
I-36	D-701a	12-inch HDPE Culvert	83	LF	\$ 85.00	\$ 7,055.00	\$ 81.00	\$ 6,723.00
I-37	D-701b	18-inch RCP Culvert	150	LF	\$ 175.00	\$ 26,250.00	\$ 147.00	\$ 22,050.00
I-38	D-705a	6-inch Perforated Pipe Underdrain	1,400	LF	\$ 35.00	\$ 49,000.00	\$ 72.50	\$ 101,500.00
I-39	D-705b	6-inch Solid Drain Pipe	525	LF	\$ 30.00	\$ 15,750.00	\$ 62.50	\$ 32,812.50
I-40	L-108a	No. 8 AWG, L-824, Type C Cable, Installed in Duct Bank or Conduit	4,700	LF	\$ 3.00	\$ 14,100.00	\$ 4.20	\$ 19,740.00
I-41	L-108b	No. 6 AWG, Solid, Bare Counterpoise Wire, Installed in Trench, Including Connections/Terminations	1,705	LF	\$ 3.00	\$ 5,115.00	\$ 4.70	\$ 8,013.50
I-42	L-110a	Concrete Encased Electrical Duct Bank, 2-way 4-inch	165	LF	\$ 85.00	\$ 14,025.00	\$ 105.00	\$ 17,325.00
I-43	L-110b	Concrete Encased Electrical Duct Bank, 3-way 4-inch	67	LF	\$ 100.00	\$ 6,700.00	\$ 158.00	\$ 10,586.00
I-44	L-110d	Non-Encased Electrical Conduit, 1-way 2-inch	2,106	LF	\$ 8.00	\$ 16,848.00	\$ 10.50	\$ 22,113.00
I-45	L-115a	Junction Box (Non-load Bearing)	4	EA	\$ 750.00	\$ 3,000.00	\$ 2,600.00	\$ 10,400.00
I-46	L-125a	LED Base-Mounted Medium Intensity Taxiway Edge Light (L-861T(L))	27	EA	\$ 1,500.00	\$ 40,500.00	\$ 1,580.00	\$ 42,660.00
I-47	L-125b	Install Taxiway Light on New Base	7	EA	\$ 1,000.00	\$ 7,000.00	\$ 1,580.00	\$ 11,060.00
I-48	L-125c	Install Threshold Light on New Base with New Lens	8	EA	\$ 1,000.00	\$ 8,000.00	\$ 1,900.00	\$ 15,200.00



BID TABULATION

Canyonlands Regional Airport
Moab, Utah
Relocate Taxiway A1 and Expand Apron
AIP No. 3-49-0020-046-2023
ACI No. 237004
Bid Opening: April 4, 2024 at 2:00 p.m., MDT

					Engineer's Estimate		Kilgore Companies dba LeGrand Johnson	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule I - Relocate Taxiway A1 (CONTINUED)								
I-49	L-125d	LED Lighted Guidance Sign (2 Module)	2	EA	\$ 5,000.00	\$ 10,000.00	\$ 4,750.00	\$ 9,500.00
I-50	L-125e	Install Lighted Guidance Sign on New Base	3	EA	\$ 3,000.00	\$ 9,000.00	\$ 2,650.00	\$ 7,950.00
I-51	L-125f	Lighted Guidance Sign Panel Set (per sign)	1	EA	\$ 500.00	\$ 500.00	\$ 2,650.00	\$ 2,650.00
I-52	L-125g	Retroreflective Edge Markers	10	EA	\$ 1,000.00	\$ 10,000.00	\$ 210.00	\$ 2,100.00
I-53	L-125h	Temporary Runway End and Threshold Lights (CSPP)	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 10,500.00	\$ 10,500.00
I-54	L-125i	Temporary Runway Light Lenes (CSPP)	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,250.00	\$ 5,250.00
I-55	L-125j	Misc. Electrical Work (CSPP)	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 10,500.00	\$ 10,500.00
TOTAL SCHEDULE I					\$ 1,548,079.76		\$ 1,924,755.20	



BID TABULATION

Canyonlands Regional Airport
Moab, Utah
Relocate Taxiway A1 and Expand Apron
AIP No. 3-49-0020-046-2023
ACI No. 237004
Bid Opening: April 4, 2024 at 2:00 p.m., MDT

					Engineer's Estimate		Kilgore Companies dba LeGrand Johnson	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule II - Expand Apron								
II-1	C-100	Contractor Quality Control Program (CQCP)	1	LS	\$ 424,404.50	\$ 424,404.50	\$ 151,000.00	\$ 151,000.00
II-2	C-102	Temporary Slope Drains, Benches, Dikes, Dams, and Sediment Basins	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental
II-3	C-105	Mobilization	1	LS	\$ 565,401.10	\$ 565,401.10	\$ 350,000.00	\$ 350,000.00
II-4	C-110	Method of Estimating Percentage of Material with Limits (PWL)	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental
II-5	P-101a	Remove Pavement (Full Depth)	1,728	SY	\$ 10.00	\$ 17,280.00	\$ 6.80	\$ 11,750.40
II-6	P-101c	Remove Airfield Electrical Cable, Counterpoise Wire, and Conduit	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,200.00	\$ 5,200.00
II-7	P-101j	Remove Underdrain	1,020	LF	\$ 15.00	\$ 15,300.00	\$ 15.50	\$ 15,810.00
II-8	P-101k	Remove Inlet	1	EA	\$ 5,000.00	\$ 5,000.00	\$ 1,240.00	\$ 1,240.00
II-9	P-101l	Remove Septic Tank	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 1,860.00	\$ 1,860.00
II-10	P-101m	Remove Electrical Handhole	1	EA	\$ 5,000.00	\$ 5,000.00	\$ 525.00	\$ 525.00
II-11	P-101n	Marking Removal (Obliteration)	2,925	SF	\$ 3.00	\$ 8,775.00	\$ 0.75	\$ 2,193.75
II-12	P-101o	Remove Waterline	395	LF	\$ 3.00	\$ 1,185.00	\$ 15.50	\$ 6,122.50
II-13	P-152a	Unclassified Excavation	8,275	CY	\$ 18.00	\$ 148,950.00	\$ 15.50	\$ 128,262.50
II-14	P-152b	Subgrade Preparation (36 inches deep)	19,722	SY	\$ 25.00	\$ 493,050.00	\$ 16.00	\$ 315,552.00
II-15	P-152d	Shoulder Grading	1,310	SY	\$ 5.00	\$ 6,550.00	\$ 3.50	\$ 4,585.00
II-16	P-153	Controlled Low Strength Material (CLSM)	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental



BID TABULATION

Canyonlands Regional Airport
Moab, Utah
Relocate Taxiway A1 and Expand Apron
AIP No. 3-49-0020-046-2023
ACI No. 237004
Bid Opening: April 4, 2024 at 2:00 p.m., MDT

					Engineer's Estimate		Kilgore Companies dba LeGrand Johnson	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule II - Expand Apron (CONTINUED)								
II-17	P-154a	Subbase Course (30 inches thick)	10,196	SY	\$ 35.00	\$ 356,860.00	\$ 53.00	\$ 540,388.00
II-18	P-154d	Separation Geotextile	19,722	SY	\$ 8.00	\$ 157,776.00	\$ 2.00	\$ 39,444.00
II-19	P-209a	Crushed Aggregate Base Course (6 1/2- inches thick)	10,196	SY	\$ 16.00	\$ 163,136.00	\$ 16.00	\$ 163,136.00
II-20	P-209c	Crushed Aggregate Base Course (8-inches thick)	9,526	SY	\$ 15.00	\$ 142,890.00	\$ 18.20	\$ 173,373.20
II-21	P-401a	Asphalt Surface Course	2,500	TON	\$ 100.00	\$ 250,000.00	\$ 150.00	\$ 375,000.00
II-22	P-401b	Bituminous Material (PG 70-34)	175	TON	\$ 900.00	\$ 157,500.00	\$ 750.00	\$ 131,250.00
II-23	P-501	Concrete Pavement (12 Inches Thick)	9,504	SY	\$ 250.00	\$ 2,376,000.00	\$ 350.00	\$ 3,326,400.00
II-24	P-602	Emulsified Asphalt Prime Coat	14	TON	\$ 900.00	\$ 12,600.00	\$ 525.00	\$ 7,350.00
II-25	P-603	Emulsified Asphalt Tack Coat	7	TON	\$ 700.00	\$ 4,900.00	\$ 525.00	\$ 3,675.00
II-26	P-605	Joint Sealing Filler	8,874	LF	\$ 15.00	\$ 133,110.00	\$ 13.00	\$ 115,362.00
II-27	P-610	Concrete for Miscellaneous Structures	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental
II-28	P-620a	Marking	5,195	SF	\$ 2.50	\$ 12,987.50	\$ 2.20	\$ 11,429.00
II-29	P-620b	Temporary Marking	2,530	SF	\$ 2.00	\$ 5,060.00	\$ 0.90	\$ 2,277.00
II-30	D-701c	24-inch HDPE Culvert	6	LF	\$ 750.00	\$ 4,500.00	\$ 485.00	\$ 2,910.00



BID TABULATION

Canyonlands Regional Airport
Moab, Utah
Relocate Taxiway A1 and Expand Apron
AIP No. 3-49-0020-046-2023
ACI No. 237004
Bid Opening: April 4, 2024 at 2:00 p.m., MDT

					Engineer's Estimate		Kilgore Companies dba LeGrand Johnson	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule II - Expand Apron (CONTINUED)								
II-31	D-701d	Reconnect Sanitary Sewer	1	LS	\$ 100.00	\$ 100.00	\$ 2,330.00	\$ 2,330.00
II-32	D-701e	2-inch PVC Waterline	411	LF	\$ 5.00	\$ 2,055.00	\$ 49.00	\$ 20,139.00
II-33	D-705a	6-inch Perforated Pipe Underdrain	2,280	LF	\$ 35.00	\$ 79,800.00	\$ 72.50	\$ 165,300.00
II-34	D-705b	6-inch Solid Drain Pipe	145	LF	\$ 30.00	\$ 4,350.00	\$ 62.50	\$ 9,062.50
II-35	D-751	Adjust Manhole	2	EA	\$ 2,500.00	\$ 5,000.00	\$ 2,900.00	\$ 5,800.00
II-36	L-108a	No. 8 AWG, L-824, Type C Cable, Installed in Duct Bank or Conduit	3,720	LF	\$ 3.00	\$ 11,160.00	\$ 4.20	\$ 15,624.00
II-37	L-108b	No. 6 AWG, Solid, Bare Counterpoise Wire, Installed in Trench, Including Connections/Terminations	930	LF	\$ 3.00	\$ 2,790.00	\$ 4.70	\$ 4,371.00
II-38	L-108c	No. 3 AWG, THWN-2 CU Cable, Installed in Duct Bank or Conduit (RW 3 - PAPI)	1,860	LF	\$ 2.00	\$ 3,720.00	\$ 7.40	\$ 13,764.00
II-39	L-108d	No. 8 AWG, Insulated Equipment Ground, Installed in Duct Bank or Conduit	930	LF	\$ 2.00	\$ 1,860.00	\$ 4.20	\$ 3,906.00
II-40	L-108e	No. 8 AWG, THWN-2 CU Cable, Installed in Duct Bank or Conduit (RW 21- PAPI and other 600V Circuits)	1,860	LF	\$ 2.00	\$ 3,720.00	\$ 4.20	\$ 7,812.00
II-41	L-108f	No. 4 AWG, Insulated Equipment Ground, Installed in Duct Bank or Conduit	930	LF	\$ 2.00	\$ 1,860.00	\$ 6.30	\$ 5,859.00
II-42	L-108g	No. 1 AWG, THWN-2 CU Cable, Installed in Duct Bank or Conduit (Pole Mounted Lights)	2,840	LF	\$ 2.00	\$ 5,680.00	\$ 8.40	\$ 23,856.00



BID TABULATION

Canyonlands Regional Airport
Moab, Utah
Relocate Taxiway A1 and Expand Apron
AIP No. 3-49-0020-046-2023
ACI No. 237004
Bid Opening: April 4, 2024 at 2:00 p.m., MDT

					Engineer's Estimate		Kilgore Companies dba LeGrand Johnson	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule II - Expand Apron (CONTINUED)								
II-43	L-110c	Concrete Encased Electrical Duct Bank, 4-way 4-inch	333	LF	\$ 125.00	\$ 41,625.00	\$ 158.00	\$ 52,614.00
II-44	L-110d	Non-Encased Electrical Conduit, 1-way 2-inch	1,572	LF	\$ 8.00	\$ 12,576.00	\$ 10.50	\$ 16,506.00
II-45	L-110e	Non-Encased Electrical Conduit, 1-way 3-inch	340	LF	\$ 10.00	\$ 3,400.00	\$ 14.80	\$ 5,032.00
II-46	L-115a	Junction Box (Non-load Bearing)	1	EA	\$ 750.00	\$ 750.00	\$ 2,633.00	\$ 2,633.00
II-47	L-115b	Junction Box (Load Bearing)	1	EA	\$ 750.00	\$ 750.00	\$ 3,690.00	\$ 3,690.00
II-48	L-115c	Electrical Handhole	1	EA	\$ 5,000.00	\$ 5,000.00	\$ 31,600.00	\$ 31,600.00
II-49	L-125k	Area Light and Pole	7	EA	\$ 5,000.00	\$ 35,000.00	\$ 22,000.00	\$ 154,000.00
II-50	L-125l	Electrical Service	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 10,500.00	\$ 10,500.00
TOTAL SCHEDULE II					\$ 5,705,411.09		\$ 6,440,493.85	



BID TABULATION

Canyonlands Regional Airport
Moab, Utah
Relocate Taxiway A1 and Expand Apron
AIP No. 3-49-0020-046-2023
ACI No. 237004
Bid Opening: April 4, 2024 at 2:00 p.m., MDT

					Engineer's Estimate		Kilgore Companies dba LeGrand Johnson	
Item No.	Spec No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount
Schedule II - Additive Alternative 1								
A-1	P-152b	Subgrade Preparation (36 inches deep)	1,570	SY	\$ 25.00	\$ 39,250.00	\$ 16.00	\$ 25,120.00
A-2	P-154a	Subbase Course (30 inches thick)	690	SY	\$ 35.00	\$ 24,150.00	\$ 53.00	\$ 36,570.00
A-3	P-154d	Separation Geotextile	1,570	SY	\$ 8.00	\$ 12,560.00	\$ 2.00	\$ 3,140.00
A-4	P-209a	Crushed Aggregate Base Course (6 1/2- inches thick)	690	SY	\$ 16.00	\$ 11,040.00	\$ 16.00	\$ 11,040.00
A-5	P-209c	Crushed Aggregate Base Course (8-inches thick)	880	SY	\$ 15.00	\$ 13,200.00	\$ 18.20	\$ 16,016.00
A-6	P-401a	Asphalt Surface Course	170	TON	\$ 100.00	\$ 17,000.00	\$ 150.00	\$ 25,500.00
A-7	P-401b	Bituminous Material (PG 70-34)	12	TON	\$ 900.00	\$ 10,800.00	\$ 750.00	\$ 9,000.00
A-8	P-501	Concrete Pavement (12 Inches Thick)	864	SY	\$ 250.00	\$ 216,000.00	\$ 380.00	\$ 328,320.00
A-9	P-605	Joint Sealing Filler	720	LF	\$ 15.00	\$ 10,800.00	\$ 13.00	\$ 9,360.00
A-10	P-620a	Marking	1,120	SF	\$ 2.50	\$ 2,800.00	\$ 2.20	\$ 2,464.00
A-11	P-620b	Temporary Marking	432	SF	\$ 1.00	\$ 432.00	\$ 0.90	\$ 388.80
A-12	D-705a	6-inch Perforated Pipe Underdrain	296	LF	\$ 35.00	\$ 10,360.00	\$ 72.50	\$ 21,460.00
TOTAL SCHEDULE II - Additive Alternative 1					\$ 368,392.00		\$ 488,378.80	

Bid Total - Schedules I - II	Engineer's Estimate	Kilgore Companies dba LeGrand Johnson
	\$ 7,621,882.85	\$ 8,853,627.85

April 19, 2024

Ms. Tammy Howland
Grand County
110 West Aviation Way
Moab, Utah 84532

RE: Award Recommendation Letter
Schedule I – Relocated Taxiway A1
Schedule II – Expand Apron
Canyonlands Regional Airport – Moab, Utah
AIP No. 3-49-0020-046-2023 | ACI No. 237004

Dear Ms. Howland,

Bids were received for the above noted project on April 4, 2024. One (1) bid was received and is shown in the attached bid tabulation.

The bids were reviewed for math errors, bid bonds and other items of responsiveness. The bid appears to be responsive. A general review of the bid is summarized below:

CONTRACTOR	5% Bid Bond Included	Required Proposal Sheets Included	Addenda Acknowledged	Listed on Federal Disbarred Contractors List ¹
Kilgore Companies dba LeGrand Johnson	Yes	Yes	Yes	No

¹ Based on information from the Federal System for Award Management website, accessed on April 4, 2024.

A DBE goal of 1.80% was established for this project. Kilgore Companies dba LeGrand Johnson has committed to a DBE utilization of 1.80% through subcontracting with Straight Stripe Painting, Inc., for pavement markings and marking removal, and Coldwater Group for asphalt milling.

A great deal of effort was put forth to attract bidders to this project. A total of nine (9) potential bidders were sent the Invitation for Bids, and a total of nine (9) sets of plans and specifications were purchased by potential bidders, plan rooms, and suppliers. The advertisement for bids for the project was published for three (3) consecutive weeks prior to the bid opening. A pre-bid conference was held onsite to answer questions and show the project to potential bidders. Three (3) Contractors (two prime contractors and one subcontractor) were present for the pre-bid meeting.

Only one bid was received for the project. The bid was determined to be responsive, and the bidder is well qualified to complete the project. Upon review of the bid price and unit costs submitted by the responsive bidder, it was determined that the costs, although somewhat higher than the engineers estimate, were reasonable for the scope of the project.

Schedule 1- Relocate Taxiway A1

Based on conversations with FAA ADO staff, it is anticipated that funding will be available for the award of Schedule 1- Relocate Taxiway A1 in federal fiscal year 2024. However, the funding for Schedule 1 is likely to be awarded separately and from the funding for Schedule 2- Expand Apron. Therefore, the project budget has been divided to allow for Schedule 1 and Schedule 2 to be awarded separately.

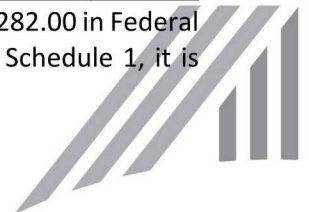
The following project budget was developed for Schedule 1- Relocate Taxiway A1:

PROJECT CONSTRUCTION BUDGET SCHEDULE 1- RELOCATE TW A1	FAA 90.63%	SPONSOR 9.37%	4/19/2024 TOTAL
Schedule I- Relocate Taxiway A1	\$1,744,405.91	\$180,349.59	\$1,924,755.50
CONSTRUCTION TOTAL	\$1,744,405.91	\$180,349.59	\$1,924,755.50
Project Development	\$5,673.44	\$586.56	\$6,260.00
Construction Period Services- Element 1/Sch 1			
Const Admin. Services	\$79,265.00	\$8,195.00	\$87,460.00
Const . Inspection Services (Cost)	\$88,010.79	\$9,099.21	\$97,110.00
Const . Inspection Services (Fixed Fee)	\$12,918.40	\$1,335.60	\$14,254.00
Project Closeout	\$30,107.29	\$3,112.71	\$33,220.00
Special Services			
QA Testing- Element 1/Sch 1	\$62,054.36	\$6,415.64	\$68,470.00
AGIS- Survey (Phase 2)- Element 1/Sch 1	\$113,804.09	\$11,765.91	\$125,570.00
ENGINEERING SERVICES TOTAL	\$391,833.37	\$40,510.63	\$432,344.00
Admin Expenses- IFE	\$3,262.68	\$337.32	\$3,600.00
Admin Expenses- Flight Check	\$22,515.21	\$2,327.79	\$24,843.00
Admin Expenses- Advertising (estimated)	\$2,265.75	\$234.25	\$2,500.00
ADMINISTRATION TOTAL	\$28,043.64	\$2,899.36	\$30,943.00
TOTAL PROJECT BUDGET (Schedule 1)	\$2,164,282.92	\$223,759.58	\$2,388,042.50

The following project budget was developed for Schedule 2- Expand Apron:

PROJECT CONSTRUCTION BUDGET SCHEDULE 2- EXPAND APRON	FAA 90.63%	SPONSOR 9.37%	4/19/2024 TOTAL
Schedule II- Expand Apron	\$5,837,019.58	\$603,474.27	\$6,440,493.85
Schedule II- Additive Alternative 1	\$442,617.71	\$45,761.09	\$488,378.80
CONSTRUCTION TOTAL	\$6,279,637.28	\$649,235.37	\$6,928,872.65
Construction Period Services- Element 2/Sch 2			
Const Admin. Services	\$108,420.67	\$11,209.33	\$119,630.00
Const . Inspection Services (Cost)	\$118,679.99	\$12,270.02	\$130,950.00
Const . Inspection Services (Fixed Fee)	\$17,406.40	\$1,799.60	\$19,206.00
Special Services			
QA Testing- Element 2/Sch 2	\$41,781.34	\$4,319.66	\$46,101.00
ENGINEERING SERVICES TOTAL	\$286,288.39	\$29,598.61	\$315,887.00
Admin Expenses- Electrical Service Accommodation	\$6,094.87	\$630.13	\$6,725.00
ADMINISTRATION TOTAL	\$6,094.87	\$630.13	\$6,725.00
TOTAL PROJECT BUDGET (Schedule 2)	\$6,572,020.54	\$679,464.11	\$7,251,484.65

Our recommendation is to award Schedule 1 to Kilgore Companies dba LeGrand Johnson for a total contract amount of \$1,924,755.50 upon receiving the grant offer from the FAA for amount required for the Schedule 1- Relocate Taxiway A1 budget. Schedule 1 is anticipated to require \$2,164,282.00 in Federal AIP funding with a Sponsor match of \$223,760.00. Upon reception of the funding for Schedule 1, it is



recommended that the construction of Schedule 1 move forward regardless of the funding outlook of Schedule 2.

It is recommended that the award of Schedule 2 be delayed until the funding availability is confirmed by the FAA and a grant is awarded for the Schedule 2- Expand Apron portion of the project. Schedule 2 will require a significant amount discretionary funding. Discretionary funding is allocated by the FAA to various projects nationally based on the project's priority ranking amongst the submitted projects. As aprons are generally lower in priority, the availability of funding for Schedule 2 is unknown at this time. However, it is anticipated that the funding availability will be made known by the end of fiscal year 2024. If funding becomes available for Schedule 2, it is recommended that Schedule 2 be awarded to Kilgore Companies dba Legrand Johnson, in addition to the previously awarded Schedule 1.

If you have any questions regarding this matter, please contact our office. We look forward to getting this project completed.

Sincerely,
ARMSTRONG CONSULTANTS, INC.

Eric F. Rivera

Digitally signed by Eric F. Rivera
DN: C=US,
E=erivera@armstrongconsultants.com,
OU=Armstrong Consultants, CN=Eric F.
Rivera
Date: 2024.04.22 11:26:16-06'00'

Eric Rivera, P.E.
Commercial Service Lead

EFR/clb

Enclosures: Bid Tabulation

cc: Mr. Eric Trinklein, FAA – NMR
Mr. Nick Holt, Utah Division of Aeronautics





U.S. Department
of Transportation
**Federal Aviation
Administration**

Northwest Mountain Region
Colorado · Idaho · Montana · Oregon · Utah
Washington · Wyoming

Denver Airports District Office
26805 E. 68th Ave., Suite 224
Denver, CO 80249

May 16, 2024

Ms. Tammy Howland
Airport Director
125 E. Center
Moab, Utah 84532

Canyonlands Regional Airport
Moab, Utah
AIP: 3-49-0020-047-2024
Concurrence in Award

Dear Ms. Howland:

We have reviewed the bid documents, and concur with your recommendation to award Kilgore Companies dba LeGrand Johnson, in the amount of \$1,924,755.50. Furthermore, we accept your statement that the cost is reasonable based on the price/cost analysis performed by you or your consultant. Please maintain a copy of your price/cost analysis for future audit purposes.

You are reminded that your Disadvantage Business Enterprise (DBE) Accomplishments reports are due annually by on December 1 for the previous Fiscal Year. Details regarding the Federal Aviation Administration (FAA) Airport DBE Program can be found at the address below:

http://www.faa.gov/about/office_org/headquarters_offices/acr/bus_ent_program/

FAA regulations require the sponsor certify that adequate construction supervision and inspection have been arranged. Also, the sponsor ensures that construction conforms to the approved plans and specifications.

Please provide us with the following documents:

1. One copy of the executed contract.
2. A copy of the Notice to Proceed so we will be aware of the beginning construction date. This should be provided only after the sponsor determines that all necessary contracts, bonds, certificates of insurance, etc., are satisfactory, so that a Notice to Proceed may be issued to the contractor.

A preconstruction conference should be scheduled after the contract is awarded. Please inform us of the time and place of this meeting. The contractor's construction schedule and the overall project should be discussed. We will attempt to attend this meeting, however, in the event that we cannot attend the meeting, please include the FAA preconstruction guidance package, in the agenda for your preconstruction meeting. This information can be found in Advisory Circular 150/5370-12. Please provide us with a copy of the minutes of the meeting and a list of those in attendance.

Federal participation is contingent upon construction conforming to the approved plans and specifications. To accomplish this, your resident engineer and inspectors must be familiar with the specification requirements and perform testing as required.

Copies of all test results should be available, during construction, at the job site for our review. In addition, Construction Progress and Inspection Reports, using FAA Form 5370-1 must be submitted on a weekly basis during construction.

Changes to the plans and specifications should be made by change order or supplemental agreement. Approval by the FAA should be obtained prior to performing the work to be eligible for participation.

Complete a [Strategic Events Submission Form](#) and forward to appropriate FAA Air Traffic Organization (ATO) Planning & Requirements office for any project that requires temporary shutdown of a facility.

If you have questions regarding your responsibilities during construction, please call me at (303) 342-1265.

Sincerely,

A handwritten signature in blue ink that reads "Eric Trinklein". The signature is written in a cursive, flowing style.

Eric Trinklein
Denver ADO
Civil Engineer

2024 Monthly Report

Canyonlands Regional Airport

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
100LL - Gallons Used/Sold												
1626.00	1578.00	2569.00	4809.00									
1673.00	4312.00	3364.00	3611.00	4933.00	7077.00	3359.00	3116.00	5396.00	4843.00	3421.00	2000.00	47105.00
2541.95	2353.25	3223.18	4483.00	4532.00	3977.00	2909.00	6678.00	6504.00	4981.00	3135.00	1158.00	46475.38
-3%	-173%	-31%	25%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Jet A - Gallons Used/Sold												
11992.00	9292	13198.00	27532.00									
13474.00	34329	32861.00	46425.00	51497.00	42731.00	31464.00	30626.00	44837.00	44370.00	38762.00	15492.00	426868.00
16324.55	15082.03	26866.05	46211.00	44065.00	39332.00	36332.00	40785.00	56422.00	51108.00	34239.00	13422.00	420188.63
-12%	-269%	-149%	-69%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Fuel Flowage Fee Report												
\$1,089.44	\$869.60	\$1,261.36	\$2,587.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENPLANEMENTS												
339												
0	226	583	1065									
18												
35	41	92	190									
4	6	59	85									
396	273	734	1340	0	0	0	0	0	0	0	0	2743
779	859	1,982	2568	3212	2529	1925	1840	3040	3,325	1622	684	24365
595	754	1,590	2221	2646	2051	1828	1882	3007	3,680	2059	994	23307
352	446	1128	1978	2946	3188	2413	2497	3087	3382	2349	982	24748
0	0	1721	2566							0		4287
LANDING FEES \$0.75/1,000 lb												
SKW 29	29		66									95
SkW 31	29		68									97
\$1,022.25	\$887.40		\$2,019.60									\$3,929.25
8	20	26	35									
5	0	14	20									
2	0	0	21									
0	0	0	0									
8	9	3	11									
23	29	43	87	0	0	0	0	0	0	0	0	0
\$79.08	\$87.22	\$105.95	\$246.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	132	181									
\$0.00	\$0.00	\$742.50	\$1,018.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,760.63
3	4	21	42									
\$5.63	\$7.50	\$39.38	\$78.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$131.25
\$1,106.96	\$982.12	\$887.82	\$3,363.27	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$6,340.17
Landing Fees Collected												
2	5	3	15									25
2	3	21	30									56
0	0	9	11									20
4	8	33	56									101
\$180.00	\$320.00	\$3,150.00	\$4,415.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,065.00
\$2,376.40	\$2,171.72	\$2,182.18	\$6,006.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,736.85

Concessions

[illegible]

Airport Director Report for April/May 2024
Canyonlands Regional Airport (CNY)
06/05/2024

1. Safety & Security:

- a. Wingtip strike on the ramp, 5/18/2024 – CNY staff was notified, most of it was captured on video and also witnessed by line crew. No issues were found that required airport resources. Damage/ repairs to be handled between pilots.
- b. Suspicious package/unclaimed baggage 4/30/2024 – GCSO responded, Contour took possession of the package. It was left outside for the owner to come get when Contour staff left to go to dinner in town.
- c. DDW Sanitary Survey completed 05/15/2024 – Report attached. No discrepancies found.
- d. ARFF staff attended a FEMA Homemade Explosives Awareness, Recognition and Response class at MVFD – 04/18/2024
- e. ARFF staff attended a FEMA webinar: battery fires – before, during, and after the incident, 04/10/2024.
- f. Multiple wildlife incidents – Pronghorn entering the airfield, unsure yet where they are getting in.
- g. FAA 139 Compliance Inspection – May 8th & 9th, one minor paperwork discrepancy that was immediately corrected and taxiway A edge lines were out of compliance because the paint has been chipping off the pavement. October deadline to fix the paint.
- h. TSA Facility Security Assessment – May 13th – 15th. Only issue found was a propane BBQ grill within the vicinity of the terminal.

2. Misc. Items:

- a. Multiple flight delays – I am working with Contour to make sure these issues are being addressed.
- b. Replaced all thermostats in the terminal.
- c. ARFF crews received an award from the Utah Department of Health and Human Services for Rural Emergency Medical Incident of the year for 2023. Along with the ARFF crew, Grand County Sheriff's Department, Grand County EMS, Classic Air Medical, Moab Fire Department, and Moab Regional Hospital were all recognized for their response to the airplane crash October 1st, 2023 just off the airport property.

Contour Flights

June 2024

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	2 3343 Dept. 08:30 3344 Arr. 12:00 3345 Dept. 12:30 3346 Arr. 16:30 3349 Dept. 17:15 3348 Arr. 21:00
3 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	4 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	5 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	6 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	7 3343 Dept. 08:30 3344 Arr. 12:00 3345 Dept. 12:30 3346 Arr. 16:30 3349 Dept. 17:15 3348 Arr. 21:00	8 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	9 3343 Dept. 08:30 3344 Arr. 12:00 3345 Dept. 12:30 3346 Arr. 16:30 3349 Dept. 17:15 3348 Arr. 21:00
10 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	11 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	12 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	13 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	14 3343 Dept. 08:30 3344 Arr. 12:00 3345 Dept. 12:30 3346 Arr. 16:30 3349 Dept. 17:15 3348 Arr. 21:00	15 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	16 3343 Dept. 08:30 3344 Arr. 12:00 3345 Dept. 12:30 3346 Arr. 16:30 3349 Dept. 17:15 3348 Arr. 21:00
17 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	18 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	19 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	20 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	21 3343 Dept. 08:30 3344 Arr. 12:00 3345 Dept. 12:30 3346 Arr. 16:30 3349 Dept. 17:15 3348 Arr. 21:00	22 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	23 3343 Dept. 08:30 3344 Arr. 12:00 3345 Dept. 12:30 3346 Arr. 16:30 3349 Dept. 17:15 3348 Arr. 21:00
24 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	25 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	26 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	27 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	28 3343 Dept. 08:30 3344 Arr. 12:00 3345 Dept. 12:30 3346 Arr. 16:30 3349 Dept. 17:15 3348 Arr. 21:00	29 3343 Dept. 10:45 3344 Arr. 14:30 3347 Dept. 15:00 3348 Arr. 21:00	30 3343 Dept. 08:30 3344 Arr. 12:00 3345 Dept. 12:30 3346 Arr. 16:30 3349 Dept. 17:15 3348 Arr. 21:00

Sanitary Survey - Deficiency Report

PWS Number: UTAH10014

Deficiency Points: 0

Survey Date: 05/15/2024

Survey Name: CANYONLANDS REGIONAL
AIRPORT

Surveyor: Curtis Page

Utah Department Of Environmental Quality

Division Of Drinking Water Sanitary Survey

Sanitary Survey

Site Visit Date	Surveyor Name
05/15/2024	Curtis Page

CANYONLANDS REGIONAL AIRPORT	PWS ID: UTAH10014	Rating: Approved	01/04/2019	Active
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General System Information

1	Admin Contact (AC) [eMail address is REQUIRED] <i>MIN 15pts SM G004 R309-100-4(5) Rule requires a person or organization be designated as the owner of the system and name, address and phone number of such be supplied to the Division.</i>	*First Name: TAMMY *Last Name: HOWLAND *Organization: *Address: Redacted *City: MOAB *State: UT *Zip: 84532 *Email: thowland@grandcountyutah.net *Phone: 435-259-4120 Emergency Phone: 435-260-0649
2	Legal Contact (LC) [if no eMail address is available, enter NoeMail@utah.gov] <i>MIN 15pts SM G004 R309-100-4(5) Rule requires a person or organization be designated as the owner of the system and name, address and phone number of such be supplied to the Division.</i>	*First Name: *Last Name: *Organization: CANYONLANDS FIELD *Address: 125 E Center St *City: MOAB *State: UT *Zip: 84532 *Email: thowland@grandcountyutah.net *Phone: 435-259-4120 Emergency Phone: 435-260-0649

3	Owner Contact (OW) [if no eMail address is available, enter NoeMail@utah.gov] <i>MIN 15pts SM G004 R309-100-4(5) Rule requires a person or organization be designated as the owner of the system and name, address and phone number of such be supplied to the Division.</i>	*First Name: *Last Name: *Organization: GRAND COUNTY *Address: PO BOX 1004 *City: MOAB *State: UT *Zip: 84532 *Email: thowland@grandcountyutah.net *Phone: 435-259-4849 Emergency Phone: 435-260-0649
4	Direct Operator in Charge (DO) [if no eMail address is available, enter NoeMail@utah.gov] <i>MIN 15pts SM G004 R309-100-4(5) Rule requires a person or organization be designated as the owner of the system and name, address and phone number of such be supplied to the Division.</i>	*First Name: DANA *Last Name: VANHORN *Organization: *Address: 110 West Aviation Way *City: MOAB *State: UT *Zip: 84532 *Email: dvanhorn@grandcountyutah.net *Phone: 435-260-9952 Emergency Phone: 435-260-0649
5	Does the system serve a Residential population?	N
6	Does the system serve a Transient population? (A transient population is a rotating population that is served by a water system that does not remain in the jurisdiction of the water system for long periods of time. Examples of a transient population include, but are not limited to, campers at a campground, users of a highway rest stop, skiers at a ski resort, guests at a hotel, or patrons of a restaurant or a shopping center.)	Y
6A	Population - Transient	100
6B	Operating Period (Start Date) - Transient	01/01
6C	Operating Period (End Date) - Transient	12/31
7	Does the system serve a Non-Transient population? (A non-transient population is a population served by a water system that is the same population being served by the system for at least six months of the year, but is not a resident in the system. Examples of a non-transient population include, but are not limited to, employees of a restaurant, shop, or ski resort; teachers and students at a school, day-care center, or church; doctors, nurses, and other employees at a hospital or healthcare clinic.)	Y
7A	Population - Non-Transient	45
7B	Operating Period (Start Date) - Non-Transient	01/01
7C	Operating Period (End Date) - Non-Transient	12/31
8	Population - Wholesale :	0

9	Residential Connections:	0
10	Commercial Connections:	5
11	Industrial Connections:	0
12	Agricultural Connections:	0

Site Visit Info

13	Date of Survey (First Day of Field Work)	05/15/2024
14	Date of Survey (Last Day of Field Work) ** this should match the Date of Survey in the header **	05/15/2024
15	Date final report sent to system (questionnaire, deficiency report and capacity spreadsheet)	05/16/2024
16	Water system representative present during the survey:	Y
17	How much time was spent to prepare survey documents prior to field survey? (Round up to nearest quarter hour)	1
18	How much time was spent to complete the field survey (arrival to completion; include travel time between water system facilities)? (Round up to nearest quarter hour)	3
19	How much time was spent traveling from the office to system and back again at the end of the field survey? (Round up to nearest quarter hour)	3
20	How much time did it take to finish the Survey Report? (Round up to nearest quarter hour)	1.5
21	Did you survey multiple water systems in one trip? ... if yes, answer the following question(s)	N

Management and Operations

22	For a community water system with water sources that require power to produce sufficient flow, system is equipped with standby power option. <i>SIG 25pts SO S033 R309-515-6(2)(a) Rule requires a community water system without naturally flowing water sources, such as springs or flowing wells, to have one or more of the system's sources equipped for operation during power outages. To ensure continuous service when the primary power has been interrupted, a redundant power supply is required. A redundant power supply may include a transfer switch for auxiliary power such as a generator or a power supply service with coverage from two independent substations. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
23	There are no undocumented drinking water facilities (i.e. tanks, pump stations, treatment facilities, etc.) or recent modifications that have not gone through or in process of DDW review [LIST UNDOCUMENTED FACILITIES OR DESCRIBE MODIFICATIONS, IF APPLICABLE] [undocumented sources are covered in a different question] <i>SIG 50pts SM G001 R309-100-5(2), R309-500-6, R309-500-9, R309-500-9(2) and (3) Rule requires complete plans & specification for all public drinking water projects to be approved in writing by the Director. Any facility found that has not started DDW review shall be considered unapproved. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
24	Are there any individual home booster pumps installed in the distribution system (not for fire suppression)? <i>SIG 50pts SM M008 R309-550-11(3) R309-550-11(3)</i>	C

25	Does the system haul water?	N
26	For a community system serving 100 or more connections, at least 2 water sources are available. <i>SIG 50pts SO TGR7 R309-515-4(3) Rule requires Community Water Systems serving more than 100 connections to have a minimum of two sources except where served by a water treatment plant. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Not a community system)
27	Does system have a consecutive connection to another water system not listed in the SOURCE section of Waterlink Report? If yes, answer the following question(s)	N
28	Does the system have a deficiency meeting the required source capacity? (USE SPREADSHEET FOR CALCULATIONS) *IF YES, SELECT CORRECT STATEMENT FROM THE FOLLOWING AND MARK "YES"; MARK ALL OTHER STATEMENTS "NO."	N
29	Does the system have a deficiency meeting the required storage capacity DUE SOLELY TO FIRE SUPPRESSION NEEDS? (USE SPREADSHEET FOR CALCULATIONS) *IF YES, SELECT CORRECT STATEMENT FROM THE FOLLOWING AND MARK "YES"; MARK ALL OTHER STATEMENTS "NO."	N
30	Does the system have a deficiency meeting the required equalization storage capacity for indoor/outdoor demands (but not because of fire suppression needs)? (USE SPREADSHEET FOR CALCULATIONS) *IF YES, SELECT CORRECT STATEMENT FROM THE FOLLOWING AND MARK "YES"; MARK ALL OTHER STATEMENTS "NO."	N
31	Does your water system have an Emergency Response Plan? <i>MIN 15pts TR TGR9 R309-105-7, 8 & 18, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	Y
31A	Does your Emergency Response Plan include cybersecurity? <i>MIN 15pts TR TGR9 R309-105-7, 8 & 18, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	Y
31B	Does your water system use any computers, laptops, phones, tablets, or any other computer systems to manage, operate, or maintain the PWS (SCADA or Industrial Control Systems)? This includes any water sources, treatment, distribution or any process related to operation function	N (Notes: No SCADA or Control Systems)
31C	Does your water system use any computer systems in regular business operations such as accounting, billing, payroll, human resources, or management?	N (Notes: Billing and all paperwork done by Grand County.)

Cross Connection and Operator Certification

32	Legally adopted authority statement <i>MIN 15pts SM M003 R309-105-12(2) Rule requires each public water system to have a cross connection control program that includes a legally adopted and functional local authority to enforce the program (i.e., ordinance, bylaw, or policy).</i>	C
33	Documentation of annual public awareness and/or employee training <i>MIN 15pts SM M004 R309-105-12(2) Rule requires each public water system to have a cross connection control program that includes providing public education or awareness material or presentations.</i>	C
34	Documentation of personnel trained to manage the program (COMMUNITY WATER SYSTEMS POPULATION 500 AND ABOVE REQUIRE A DDW CERTIFIED CCC PROGRAM ADMINISTRATOR. ALL OTHER WATER SYSTEMS REQUIRE AT A MINIMUM BACKFLOW 101 OR EQUIVALENT/ GREATER CCC TRAINING) <i>MIN 15pts SM M005 R309-105-12(2) Rule requires each public water system to have a cross connection control program that includes an operator with adequate training in the area of cross connection control or backflow prevention.</i>	C

35	Does the water system have detailed records of cross connection control activities? (inventories of backflow assemblies, devices, and air gaps installed within the system)	C
	<i>MIN 15pts SM M006 R309-105-12(2) Rule requires each public water system to have a cross connection control program that includes written records of cross connection control activities.</i>	
36	Does the water system have records of on-going enforcement activities? (test history, enforcement activities, hazard assessments)	C
	<i>MIN 15pts SM M007 R309-105-12(2) Rule requires each public water system to have a cross connection control program that includes test history and documentation of on-going enforcement activities.</i>	
37	Operator meets required level of certification for water system. (IF NO CERTIFIED OPERATOR IS REQUIRED MARK COMPLIANT)	C
	<i>SIG 50pts OC C001 R309-105-11, R309-300-5(3) Rule requires every community and NTNC water system and public water systems that utilize treatment/filtration to have at least one operator certified at the classified grade of the water system. Certification must be appropriate for the type of system operated (treatment and/or distribution). This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
38	Certified operator is within 1 hour travel time of water system. (IF NO CERTIFIED OPERATOR IS REQUIRED MARK COMPLIANT)	C
	<i>MIN 0pts OC C002 R309-300-5(14) Rule requires the operator to be within 1 hour travel time, under normal work and home conditions, of each drinking water system for which he is considered in direct responsible charge.</i>	

General Maintenance and Environment

39	Are there any visual indications of unsanitary conditions?	C
	<i>SIG 50pts SM M017 R309-200-6, R309-105-18, R309-215-4(3) R309-200-6 The Secondary Maximum Contaminant Levels for public water systems deals with substances which affect the aesthetic quality of drinking water. They are presented here as recommended limits or ranges and are not grounds for rejection. The taste of water may be unpleasant and the usefulness of the water may be impaired if these standards are significantly exceeded. R309-105-18 The Director or the local health department shall be informed by telephone by a water supplier of any "emergency situation". The term "emergency situation..." R309-215-4(3) If the water fails to meet minimum standards, then certain public notification procedures shall be carried out, as outlined in R309-220. Water suppliers shall also keep analytical records in their possession, for a required length of time, as outlined in R309-105-17.</i>	

Distribution

40	No unprotected connection between the distribution system and a source of contamination. (If there is an unprotected connection, describe the location in detail.)	C
	<i>SIG 50pts DS D009 R309-550-5(11) R309-550-5(11)</i>	
41	Are air release/vacuum valves in the distribution system? ... if yes, answer the following question(s)	N (Notes: Direct line to buried tank.)

42	Water system has a program to maintain, operate, or control the use of fire hydrants. <i>REC 0pts DS D012 N/A Fire hydrants provide a direct access to the water in the distribution system. In order to protect the quality and integrity of the water, fire hydrant access should be controlled.</i>	NA (Notes: No hydrants on system.)
43	Blow offs or air release valves are not directly connected to a sanitary sewer line. <i>SIG 50pts DS D013 R309-550-6(5)(a), R309-550-6(6)(c) and (7)(a) Rule states blow-offs or air relief valves shall not be connected directly to a sewer. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: No blow offs or air release valves on system.)
44	Blow offs or air release valves do not discharge below flood level in ditches or streams. <i>SIG 50pts DS D016 R309-550-9(1) and (2), R309-550-13(2) R309-550-9(1 & 3)</i>	NA (Notes: No blow offs or air release valves on system.)
45	All water mains installed after 1995 that provide fire flow are at least 8 inches in diameter. <i>MIN 15pts DS D019 R309-550-5(4) & (5) Rule states that the minimum line size serving a fire hydrant lateral shall be 8-inch diameter unless a hydraulic analysis indicates that required flow and pressures can be maintained by 6-inch lines.</i>	C
46	Distribution system capable of providing minimum pressure of 20 psi at all service connections. <i>SIG 50pts DS D003 R309-105-9, R309-550-5(1) Rule states the distribution system shall maintain minimum pressures as required by R309-105-9 at all points of connection under all flow conditions. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
47	Was the water system constructed or new portions added after January 1, 2007? ... if yes, answer the following question(s)	Y
47A	Distribution system capable of maintaining the following pressures at all service connections: (a) 20 psi during fire flow and fire demand during peak day demand; (b) 30 psi during peak instantaneous demand; and (c) 40 psi during peak day demand. <i>SIG 50pts DS D010 R309-105-9, R309-550-5(1) Rule states that unless otherwise specifically approved by the Director, public water systems constructed after January 1, 2007, shall be designed and shall meet the following minimum water pressures at points of connection: (a) 20 psi during conditions of fire flow and fire demand experienced during peak day demand; (b) 30 psi during peak instantaneous demand; and (c) 40 psi during peak day demand. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C

General Disinfection

48	Water system follows AWWA disinfection procedures for new, repaired, or seasonal water mains and tanks. <i>SIG 25pts MR D018 R309-550-8(10) All new and repaired water mains and appurtenances shall be disinfected in accordance with AWWA Standard C651. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
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49	How often do you periodically disinfect any or all parts of your water system (i.e. batch disinfection) other than for repairs or maintenance?	C
	SIG 50pts SM G006 R309-105-6(1)(a), R309-500-6 R309-105-6(1) Approval of Engineering Plans and Specifications R309-500-6 Plan Approval Procedure.	

WS001 - HANGER WELL -

50	Is this facility Active or Inactive?	I (Notes: Well disconnected and removed from system.)
50A	Explain why this facility is Inactive (Is this facility in stand-by mode?)	Well disconnected and removed from system.
51	Operating Period (Start Date)	01/01 (Notes: Well disconnected and removed from system.)
52	Operating Period (Ending Date)	12/31 (Notes: Well disconnected and removed from system.)
53	Undocumented sources shall not be physically connected to the drinking water system. (IF SOURCE IS NOT IN SYSTEM INVENTORY MARK "DEFICIENT")	NA (Notes: Well disconnected and removed from system.)
	SIG 200pts SO S001 R309-515-6(5), R309-515-7(4), R309-500-9(2) and (3) R309-105-6(1) requires plans and specifications for all public drinking water projects to be approved in writing by the Director prior to the commencement of construction. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.	
54	Well casing is at least 18 inches above finished ground surface and 12 inches above well house floor.	NA (Notes: Well disconnected and removed from system.)
	SIG 25pts SO S003 R309-515-6(6)(b)(vi), R309-515-6(12)(c)(ii), R309-515-6(13)(a) Rule requires the permanent well casing to project at least 18 inches above the final ground surface and 12 inches above the pump house floor; at sites subject to flooding, the top of the casing must terminate at least 3 feet above the 100-year flood level or highest known flood elevation, whichever is higher. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.	
55	Wellhead is sealed to prevent contamination.	NA (Notes: Well disconnected and removed from system.)
	SIG 50pts SO S013 R309-515-6(6)(i) R309-515-6(6)(i) and R309-515-6(12)(b,c,d) require a sanitary seal be installed and maintained at the wellhead and discharge piping. This significant deficiency should be corrected within 120 days of notification or have a corrective action plan approved by	
56	Is the well casing vented? ... if yes, answer the following question(s)	N (Notes: Well disconnected and removed from system.)
57	Does the well have a pump to waste line? ... if yes, answer the following question(s)	N (Notes: Well disconnected and removed from system.)
58	Provisions available to periodically measure water levels	NA (Notes: Well disconnected and removed from system.)
	MIN 5pts SO S015 R309-515-6(12)(e), R309-515-6(12)(c)(vi) Rule requires provisions be made to permit periodic measurement of water levels in the completed well.	

59	Wellhead secured to protect quality water <i>SIG 25pts SO S002 R309-105-10(5) All water system facilities shall be secure. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Well disconnected and removed from system.)
60	Well head or well house and equipment protected from flooding <i>SIG 25pts SO S020 R309-515-6(6)(b)(vi), R309-515-6(12)(d)(iii), R309-515-6(13)(a) to (d) Top of well casing shall terminate at least 18" above ground level or 12" above well house floor and for sites that flood at least 3' above 100-year flood level or highest known flood elevation. Well casing terminating in underground vault shall have a drain to daylight and surface runoff directed away from vault access. Well house floor shall be sloped for drainage, and have a drain to daylight unless highly impractical. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Well disconnected and removed from system.)
61	There are no unprotected cross-connections in well discharge piping. <i>SIG 50pts SO S021 R309-105-12(1), R309-515-6(12)(d)(iii) Rule requires the well discharge piping to be protected against the entrance of contamination. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Well disconnected and removed from system.)
62	No toxic chemicals, hazardous or flammable materials, or lubricants inside the well house or near well head? <i>MIN 15pts TR TGR9 R309-105-7, 8 & 18, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	NA (Notes: Well disconnected and removed from system.)
63	Well discharge line has a smooth-nosed sampling tap, which samples the well water before any chemical injection. (first item from the wellhead). <i>MIN 5pts SO S023 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve. (smooth nosed sampling tap being the first item from the well head and the shut-off valve as the last item)</i>	NA (Notes: Well disconnected and removed from system.)
64	Well discharge line has a check valve. <i>MIN 5pts SO S024 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Well disconnected and removed from system.)
65	Well discharge line has a pressure gauge. <i>MIN 5pts SO S025 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Well disconnected and removed from system.)
66	Well discharge line has a means to measure flow. <i>MIN 5pts SO S026 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Well disconnected and removed from system.)
67	Well discharge line has a shut-off valve (last item from the well head). <i>MIN 5pts SO S027 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Well disconnected and removed from system.)

68	Is there an air/vac valve on the well discharge line? If yes, answer the following question(s)	N (Notes: Well disconnected and removed from system.)
69	Wells that pump directly into a distribution system have means to release trapped air from pump discharge piping (for example, pumps directly to a tank, has an air release valve or pump to waste line) <i>MIN 5pts SO SL01 R309-515-6(12)(d)(v) Rule requires a well that pumps directly into the distribution system be equipped with an air release/vacuum relief valve located upstream of the check valve, unless the wellhead valve and piping provide for pumping to waste all trapped air before water is introduced into the distribution system.</i>	NA (Notes: Well disconnected and removed from system.)
70	Does well require oil-lubrication?	N (Notes: Well disconnected and removed from system.)
WS002 - HANGER WELL #2 -		
71	Is this facility Active or Inactive?	I (Notes: Well disconnected and removed from system.)
71A	Explain why this facility is Inactive (Is this facility in stand-by mode?)	Well disconnected and removed from system.
72	Operating Period (Start Date)	01/01 (Notes: Well disconnected and removed from system.)
73	Operating Period (Ending Date)	12/31 (Notes: Well disconnected and removed from system.)
74	Undocumented sources shall not be physically connected to the drinking water system. (IF SOURCE IS NOT IN SYSTEM INVENTORY MARK "DEFICIENT") <i>SIG 200pts SO S001 R309-515-6(5), R309-515-7(4), R309-500-9(2) and (3) R309-105-6(1) requires plans and specifications for all public drinking water projects to be approved in writing by the Director prior to the commencement of construction. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Well disconnected and removed from system.)
75	Well casing is at least 18 inches above finished ground surface and 12 inches above well house floor. <i>SIG 25pts SO S003 R309-515-6(6)(b)(vi), R309-515-6(12)(c)(ii), R309-515-6(13)(a) Rule requires the permanent well casing to project at least 18 inches above the final ground surface and 12 inches above the pump house floor; at sites subject to flooding, the top of the casing must terminate at least 3 feet above the 100-year flood level or highest known flood elevation, whichever is higher. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Well disconnected and removed from system.)
76	Wellhead is sealed to prevent contamination. <i>SIG 50pts SO S013 R309-515-6(6)(i) R309-515-6(6)(i) and R309-515-6(12)(b,c,d) require a sanitary seal be installed and maintained at the wellhead and discharge piping. This significant deficiency should be corrected within 120 days of notification or have a corrective action plan approved by</i>	NA (Notes: Well disconnected and removed from system.)
77	Is the well casing vented? ... if yes, answer the following question(s)	N (Notes: Well disconnected and removed from system.)
78	Does the well have a pump to waste line? ... if yes, answer the following question(s)	N (Notes: Well disconnected and removed from system.)

79	Provisions available to periodically measure water levels <i>MIN 5pts SO S015 R309-515-6(12)(e) , R309-515-6(12)(c)(vi) Rule requires provisions be made to permit periodic measurement of water levels in the completed well.</i>	NA (Notes: Well disconnected and removed from system.)
80	Wellhead secured to protect quality water <i>SIG 25pts SO S002 R309-105-10(5) All water system facilities shall be secure. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Well disconnected and removed from system.)
81	Well head or well house and equipment protected from flooding <i>SIG 25pts SO S020 R309-515-6(6)(b)(vi), R309-515-6(12)(d)(iii), R309-515-6(13)(a) to (d) Top of well casing shall terminate at least 18" above ground level or 12" above well house floor and for sites that flood at least 3' above 100-year flood level or highest known flood elevation. Well casing terminating in underground vault shall have a drain to daylight and surface runoff directed away from vault access. Well house floor shall be sloped for drainage, and have a drain to daylight unless highly impractical. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Well disconnected and removed from system.)
82	There are no unprotected cross-connections in well discharge piping. <i>SIG 50pts SO S021 R309-105-12(1), R309-515-6(12)(d)(iii) Rule requires the well discharge piping to be protected against the entrance of contamination. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	NA (Notes: Well disconnected and removed from system.)
83	No toxic chemicals, hazardous or flammable materials, or lubricants inside the well house or near well head? <i>MIN 15pts TR TGR9 R309-105-7, 8 & 18, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	NA (Notes: Well disconnected and removed from system.)
84	Well discharge line has a smooth-nosed sampling tap, which samples the well water before any chemical injection. (first item from the wellhead). <i>MIN 5pts SO S023 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve. (smooth nosed sampling tap being the first item from the well head and the shut-off valve as the last item)</i>	NA (Notes: Well disconnected and removed from system.)
85	Well discharge line has a check valve. <i>MIN 5pts SO S024 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Well disconnected and removed from system.)
86	Well discharge line has a pressure gauge. <i>MIN 5pts SO S025 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Well disconnected and removed from system.)
87	Well discharge line has a means to measure flow. <i>MIN 5pts SO S026 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Well disconnected and removed from system.)

88	Well discharge line has a shut-off valve (last item from the well head). <i>MIN 5pts SO S027 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	NA (Notes: Well disconnected and removed from system.)
89	Is there an air/vac valve on the well discharge line? If yes, answer the following question(s)	N (Notes: Well disconnected and removed from system.)
90	Wells that pump directly into a distribution system have means to release trapped air from pump discharge piping (for example, pumps directly to a tank, has an air release valve or pump to waste line) <i>MIN 5pts SO SL01 R309-515-6(12)(d)(v) Rule requires a well that pumps directly into the distribution system be equipped with an air release/vacuum relief valve located upstream of the check valve, unless the wellhead valve and piping provide for pumping to waste all trapped air before water is introduced into the distribution system.</i>	NA (Notes: Well disconnected and removed from system.)
91	Does well require oil-lubrication?	N (Notes: Well disconnected and removed from system.)

WS003 - RUNWAY WELL #3 - Active

92	Is this facility Active or Inactive?	A (Notes: This is the only active and connected source.)
93	Operating Period (Start Date)	01/01
94	Operating Period (Ending Date)	12/31
95	Undocumented sources shall not be physically connected to the drinking water system. (IF SOURCE IS NOT IN SYSTEM INVENTORY MARK "DEFICIENT") <i>SIG 200pts SO S001 R309-515-6(5), R309-515-7(4), R309-500-9(2) and (3) R309-105-6(1) requires plans and specifications for all public drinking water projects to be approved in writing by the Director prior to the commencement of construction. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
96	Well casing is at least 18 inches above finished ground surface and 12 inches above well house floor. <i>SIG 25pts SO S003 R309-515-6(6)(b)(vi), R309-515-6(12)(c)(ii), R309-515-6(13)(a) Rule requires the permanent well casing to project at least 18 inches above the final ground surface and 12 inches above the pump house floor; at sites subject to flooding, the top of the casing must terminate at least 3 feet above the 100-year flood level or highest known flood elevation, whichever is higher. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
97	Wellhead is sealed to prevent contamination. <i>SIG 50pts SO S013 R309-515-6(6)(i) R309-515-6(6)(i) and R309-515-6(12)(b,c,d) require a sanitary seal be installed and maintained at the wellhead and discharge piping. This significant deficiency should be corrected within 120 days of notification or have a corrective action plan approved by</i>	C
98	Is the well casing vented? ... if yes, answer the following question(s)	N (Notes: No vent installed.)
99	Does the well have a pump to waste line? ... if yes, answer the following question(s)	N (Notes: No pump to waste line.)

100	Provisions available to periodically measure water levels	C
	<i>MIN 5pts SO S015 R309-515-6(12)(e), R309-515-6(12)(c)(vi) Rule requires provisions be made to permit periodic measurement of water levels in the completed well.</i>	
101	Wellhead secured to protect quality water	C
	<i>SIG 25pts SO S002 R309-105-10(5) All water system facilities shall be secure. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
102	Well head or well house and equipment protected from flooding	C
	<i>SIG 25pts SO S020 R309-515-6(6)(b)(vi), R309-515-6(12)(d)(iii), R309-515-6(13)(a) to (d) Top of well casing shall terminate at least 18" above ground level or 12" above well house floor and for sites that flood at least 3' above 100-year flood level or highest known flood elevation. Well casing terminating in underground vault shall have a drain to daylight and surface runoff directed away from vault access. Well house floor shall be sloped for drainage, and have a drain to daylight unless highly impractical. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
103	There are no unprotected cross-connections in well discharge piping.	C
	<i>SIG 50pts SO S021 R309-105-12(1), R309-515-6(12)(d)(iii) Rule requires the well discharge piping to be protected against the entrance of contamination. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
104	No toxic chemicals, hazardous or flammable materials, or lubricants inside the well house or near well head?	C
	<i>MIN 15pts TR TGR9 R309-105-7, 8 & 18, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	
105	Well discharge line has a smooth-nosed sampling tap, which samples the well water before any chemical injection. (first item from the wellhead).	C
	<i>MIN 5pts SO S023 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve. (smooth nosed sampling tap being the first item from the well head and the shut-off valve as the last item)</i>	
106	Well discharge line has a check valve.	C
	<i>MIN 5pts SO S024 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	
107	Well discharge line has a pressure gauge.	C
	<i>MIN 5pts SO S025 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	
108	Well discharge line has a means to measure flow.	C
	<i>MIN 5pts SO S026 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	

109	Well discharge line has a shut-off valve (last item from the well head). <i>MIN 5pts SO S027 R309-515-6(12)(d)(iv) Rule requires the discharge piping to be equipped with (in order of placement from the wellhead) a smooth nosed sampling tap, a check valve, a pressure gauge, a means of measuring flow, and a shutoff valve.</i>	C
110	Is there an air/vac valve on the well discharge line? If yes, answer the following question(s)	N (Notes: No air vac valve on the discharge line.)
111	Wells that pump directly into a distribution system have means to release trapped air from pump discharge piping (for example, pumps directly to a tank, has an air release valve or pump to waste line) <i>MIN 5pts SO SL01 R309-515-6(12)(d)(v) Rule requires a well that pumps directly into the distribution system be equipped with an air release/vacuum relief valve located upstream of the check valve, unless the wellhead valve and piping provide for pumping to waste all trapped air before water is introduced into the distribution system.</i>	C
112	Does well require oil-lubrication?	N (Notes: No lubrication required.)
ST001 - STORAGE FACILITY ST001 - Active		
113	Is this facility Active or Inactive?	A
114	Storage tank capacity in gallons (from SDWIS; if different explain why in the comments)	6000
115	There are no undocumented drinking water facilities (i.e. tanks, pump stations, treatment facilities, etc.) or recent modifications that have not gone through DDW review <i>SIG 50pts SM G001 R309-100-5(2), R309-500-6, R309-500-9, R309-500-9(2) and (3) Rule requires complete plans & specification for all public drinking water projects to be approved in writing by the Director. Any facility found that has not started DDW review shall be considered unapproved. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
116	Ladders, ladder guards, platform railings, or safely located entrance hatches are provided. <i>MIN 15pts FW V004 R309-545-18 Rule requires ladders, ladder guards, platform railings, and safely located entrance hatches where applicable for water storage tanks and requires safety practices to conform to pertinent laws and regulations of the Utah Occupational Safety and Health Division.</i>	C (Notes: Buried Tank)
117	Tank is vented. <i>SIG 25pts FW VL02 R309-545-15 Rule requires drinking water storage tanks to be vented. Overflows cannot be considered or used as vents. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
118	Are air vents present? ... if yes, answer the following question(s)	Y

118A	Vent is either down-turned or shielded from contaminants (at least 2 inches below the bottom of the opening) <i>SIG 25pts FW V005 R309-545-15(1) Rule requires inverted vents on water storage tanks to be down-turned a minimum of 2 inches below any opening and shielded to prevent the entrance of contaminants. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
118B	End of vent terminates at least 24 inches above earthen cover (buried tank) and is located and sized to avoid blockage during winter. <i>MIN 15pts FW V006 R309-545-15(2) For buried structures, the rule requires the end of the vent discharge to be a minimum of 24 inches above the earthen covering.</i>	C
118C	Vent covered with #14 or finer non-corrodible mesh screen. <i>SIG 25pts FW V007 R309-545-15(4) Rule requires a water storage tank vent to be fitted with #14 mesh or finer non-corrodible screen and vents 6-inches or greater in diameter to be fitted with additional heavy gauge screen or substantial covering to protect the #14 mesh screen from vandalism or damage. This significant deficiency must be corrected within 120 days of notification or have a compliance action plan approved by DDW.</i>	C
118D	Vent 6-inch diameter and larger protected with additional heavy-gauge screen or substantial covering. <i>MIN 5pts FW V035 R309-545-15(5) Rule requires vents that are 6-inch diameter or greater to be fitted with additional heavy gauge screen or substantial covering, which will protect the No. 14 mesh screen against vandalism or damage.</i>	NA (Notes: 2" Diameter Air Vent)
119	Are access openings present? ... if yes, answer the following question(s) <i>MIN 15pts FW VL03 R309-545-14 and 14(1) Rule requires drinking water storage tanks to be designed with reasonably convenient access to the interior for cleaning and maintenance.</i>	Y
119A	Access opening framed at least 4 inches above roof surface or 18 inches above earthen cover. <i>MIN 15pts FW V008 R309-545-14(1) Rule requires tank access opening to be framed at least 4 inches above the surface of the roof, or on a buried tank, to be at least 18 inches above any earthen cover over the tank.</i>	C
119B	Access opening shoe box type with at least 2 inches of overlap <i>SIG 25pts FW V010 R309-545-14(2) Rule requires the frame of an access opening to be provided with a close fitting solid shoebox type cover which extends down around the frame at least two inches and is furnished with a gasket(s) between the lid and frame. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C
119C	Access opening lid properly gasketed <i>SIG 25pts FW V009 R309-545-14(2) Rule requires the access opening to a tank to be furnished with a gasket between the lid and frame. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C

120	Access opening locked	C
	<i>SIG 25pts FW V029 R309-545-14(3) Rule requires the lid to any access opening to have a locking device. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
121	Roof or wall penetrations sealed	C
	<i>SIG 100pts FW V017 R309-545-6(1) and 545-9 Rule requires openings in a storage tank roof or top, designed to accommodate control apparatus or pump columns, to be welded, gasketed, or curbed and sleeved and to have additional proper shielding to prevent vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
122	Area surrounding ground-level or buried storage tank is graded to prevent surface water from standing within 50 feet.	C
	<i>SIG 25pts TR V001 R309-545-7(4) Rule requires the area surrounding a ground-level or buried water storage tank be graded in a manner to prevent surface water from standing within 50 feet of the tank. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
123	Storage tank roof is sloped to prevent ponding	C
	<i>MIN 15pts FW V003 R309-545-9(4) Rule requires drainage of storage tank roofs to eliminate water ponding.</i>	
124	Are there cracks in the walls or roof of the storage tank? (if yes, select only one of the following options)	N
125	Is a tank overflow present? ... if yes, answer the following question(s)	Y
	<i>SIG 25pts FW VL01 R309-545-13 Rule requires all storage tanks to be provided with an overflow that discharges at an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
125A	Overflow line discharges at least 12 inches above ground or the flood rim of receiving basin?	C
	<i>SIG 25pts FW V011 R309-545-13 Rule requires all water storage tanks to be provided with an overflow that discharges at an elevation between 12 and 24 inches above the ground surface or the rim of the receiving basin.</i>	
125B	Overflow line covered with #4 mesh non-corrodible screen	C
	<i>SIG 25pts FW V012 R309-545-13(3) Rule requires overflow pipes to be screened with #4 mesh non-corrodible screens installed at a location least susceptible to damage by vandalism. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
125C	Overflow line connected or discharges to a sanitary sewer drain?	C
	<i>SIG 50pts FW V013 R309-545-13(5) Rule prohibits overflow pipes from connecting to, or discharging into, a sanitary sewer system. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	
126	Are the drain line and overflow combined?	N

126A	Drain line shall terminate at least 12 inches above ground or flood rim of receiving basin	NA (Notes: No drain, tank would need to be pumped.)
	SIG 25pts FW V016 R309-545-10(1)(d) If the local authority allows discharge to a storm drain, the rule requires the drain discharge to have a physical clearance of at least 12 inches between the discharge end of the pipe and the overflow rim of the receiving basin. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.	

TP003 - WELL NO. 3 CHLORINATOR -- Treatment - Chlorination General - Active

127	Is this facility Active or Inactive?	A
128	Is system required to provide primary disinfection? Prompt - If system knows they are required to chlorinate based on water quality issues and/or knows they are required to provide a minimum CT then follow-up by DDW is needed.	N (Notes: System not required to chlorinate.)
129	When chlorination is required, disinfection has operated uninterrupted during the past year while supplying drinking water.	C
	SIG 50pts TR TD25 R309-520-6 Rule requires continuous disinfection of groundwater sources that do not consistently meet bacteriological quality standards, all surface water sources, and groundwater sources under the direct influence of surface water. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.	
130	Chlorine (gas & hypochlorite solution, tablets, granules,) and chemicals used to generate chlorine solutions and chlorine dioxide meet ANSI/NSF 60.	C
	SIG 50pts TR TD90 R309-525-11(5), R309-520-6(2) All chemicals added to drinking water, including chlorine, chloramines and chemicals used to generate hypochlorite solutions and chlorine dioxide, shall be certified as complying with ANSI/NSF Standard 60. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.	
131	If chemical dilution or dissolution is needed, cross-connection control is provided on water lines feeding solution tanks.	C
	SIG 50pts TR TX07 R309-525-11(2)(c), R309-525-11(9)(b)(i) to (iv) Cross connection control shall be provided on make-up water lines feeding solution tanks. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.	
132	Water flow rate is measured to control chemical feed?	C
	SIG 25pts TR TD79 R309-525-11(7)(d)(ii) and (iii), R309-525-11(7)(a)(i) Chemical feed rates shall be proportional to flows and a means to measure water flow rate shall be provided. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.	
133	Solution tanks and tank refilling line entry points are properly labeled to identify the chemicals	C
	MIN 15pts TR TG03 R309-525-11(8)(c)(vii) Rule requires tanks to be properly labeled to designate the chemical contained.	
134	Free chlorine residual test equipment on-site or available?	C
	MIN 15pts TR TD78 R309-520-7(1)(j) Rule requires chlorine residual test equipment available capable of measuring residuals to the nearest 0.1 mg/l in the range below 0.5 mg/l, to the nearest 0.3 mg/l between 0.5 mg/l and 1.0 mg/l and to the nearest 0.5 mg/l above 1.0 mg/l.	

135	Spare parts are available to replace parts subject to wear and breakage <i>MIN 15pts TR TD75 Standard Method 334.0 Determination of Residual Chlorine in Drinking Water Using an Online Chlorine Analyzer. [EPA 815-B-09-013 September 2009 11.1.1.2 Page 13] Spare parts shall be provided and maintained for all chlorinators to repair parts subject to wear and breakage.</i>	C
136	Is chlorine chemical dose rate adjusted due to different water demand flow rates and/or changing water quality?	N (Notes: Chemical dose rate is calibrated with well pump.)
137	Is there a designated chlorine Point of Entry (POE) sample location? <i>MIN 15pts TR TGR9 R309-105-7, 8 & 18, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	C
138	POE is before first connection/customer? <i>SIG 25pts TR T028 R309-215 R309-215 & R309-520-6(4)(d)</i>	C
139	Chlorine residual records are maintained and available... if yes answer following <i>SIG 25pts TR T028 R309-215 R309-215 & R309-520-6(4)(d)</i>	Y
139A	System is sampling distribution residuals throughout entire distribution system <i>MIN 15pts TR TGR9 R309-105-7, 8 & 18, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	C
139B	Distribution chlorine residuals meet minimum concentration requirement <i>SIG 25pts TR T028 R309-215 R309-215 & R309-520-6(4)(d)</i>	C
139C	"What is the maximum free chlorine residual measure? This value never exceeds 4.0 mg/L? " <i>MIN 15pts TR TGR9 R309-105-7, 8 & 18, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	C
139D	System collects at least three distribution chlorine residual samples a week? <i>MIN 15pts TR TGR9 R309-105-7, 8 & 18, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	C
139E	System is sampling distribution residuals in accordance with monitoring schedule <i>MIN 15pts TR TGR9 R309-105-7, 8 & 18, R309-100 through 605 Trigger for regulatory followup to address concerns.</i>	C
140	Treatment plant properly secured to protect the quality of the treated water. R309-520-7(2)(f) <i>SIG 25pts SM A050 R309-400-11 If the water system does not comply with the directive, the Director may assess 25 to 200 points to the water system. Points shall be assessed based upon the severity of the non-compliance, the threat to public health and the underlying basis for the original directive.</i>	C
141	Daily operating records reflect chemical dosages and total quantities used <i>SIG 25pts MR TG20 R309-105-14(3)(a) Rule requires all water system using chemical addition or specialized equipment for the treatment of drinking water to regularly complete operational reports. This significant deficiency must be corrected within 120 days of notification or have a corrective action plan approved by DDW.</i>	C

TP003 - WELL NO. 3 CHLORINATOR -- Liquid Hypochlorination - Active

142	Is this facility Active or Inactive?	A
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Division of Drinking Water — Water System Capacity Calculation Sheet (Last Update 3/30/2017)

Enter the green cells only

System Name **Canyonlands Field**

System Number **10014**

1.1 Indoor Water Use

Convert "Number of other connections" (Cell E9) to ERCs here. [ERCs of other connections = peak day demand of other connections in gal per day / 800 gpd]

Number of residential connections

0

Number of other connections ---

5

ERCs of other connections

1.4

(Example: water use of 2 factories equals to water use of 55 homes.)

Enter number of non-residential connections, e.g., 2 industrial connections.

Total Equivalent Residential Connections (ERCs)

1.4

MIN. REQUIREMENTS FOR INDOOR WATER USE

Source		Storage	
gpd/ERC	Total (gpm)	Gallons/ERC	Total (gallons)
800	0.8	400	560

1.2 Outdoor Water Use

Is the drinking water used for outdoor irrigation?

Residential ERCs using drinking water for irrigation

0

Percentage of Residential ERCs using DW for irrigation

0%

Average irrigated acreage per residential connection

0.00

Total irrigated acreage of other connections (park, school, etc.)

0.00

(Enter notes here regarding whether and what % of irrigation water is supplied by PWS.)

Enter total irrigated acres of other connections here.

Enter estimated irrigated acre per residential lot here.

Irrigation zone

5

Select Irrigated Zone # from the pick list. See "Irrigation Demands & Map" tab on the bottom of the screen or WaterLink.

MIN. REQUIREMENTS FOR IRRIGATION USE

Source		Storage	
gpd/ERC	Total (gpm)	Gallons/ERC	Total (gallons)
0	0.0	0	0

1.3 Fire Flow Water Use

Does the water system provide fire protection?

Maximum fire flow demand (in gpm) for water system or pressure zone

Maximum fire suppression duration (in hours) for water system or pressure zone

Required Fire Suppression Storage (in gallons)

0

Enter fire flow in gpm.

The water system does not provide fire protection. There is a separate system for fire protection.

Enter duration in hours.

2. Summary of Water System Capacity Requirements

MINIMUM REQUIREMENTS FOR WATER SYSTEM

Source (indoor + outdoor)		Storage (indoor + outdoor + fire)	
gpd/ERC	Total (gpm)	Gallons/ERC	Total (gallons)
800	0.8	400	560

2.1 Does this system have adequate source capacity (per R309-510-7)?

This source capacity assessment is a general overall system calculation. It may not reflect the variations in individual areas or pressure zones.

Required Source Capacity

0.8

gpm

Existing Source Capacity

35.0

gpm

Source Capacity Deficit

None

gpm

Existing % of Total Req'd

4500.0%

Autolink to 2 "Total Source" cell above.

Autolink to 4.2 "Total Existing Source Capacity" cell below.

Source deficit indicates that: (1) additional source capacity is needed, and (2) source deficiency should be assessed.

Less than 100% indicates: (1) additional source capacity is needed, and (2) source deficiency should be assessed.

2.2 Does this system have adequate storage capacity (per R309-510-8)?

This storage capacity assessment is a general overall system calculation. It may not reflect the variations in individual areas or pressure zones.

Autolink to 2 "Total Storage" cell above.

