



118 Lion Blvd PO Box 187 Springdale, UT 84767 * 435-772-3434 fax 435-772-3952

TOWN COUNCIL NOTICE AND AGENDA

THE SPRINGDALE TOWN COUNCIL WILL HOLD A SPECIAL MEETING
ON WEDNESDAY, MAY 13, 2026,

AT THE CANYON COMMUNITY CENTER, 126 LION BOULEVARD, SPRINGDALE, UTAH.

THE SPECIAL MEETING STARTS AT 4:00 PM. THE REGULAR MEETING STARTS AT 5:00 PM.

A live stream of this meeting will be available to the public on YouTube.

**Please see the YouTube information below.

Special Meeting

Approval of the Special Meeting agenda

A. Closed Session

- 1. Discussion of the character, professional competence, or physical or mental health of an individual.
- 2. Strategy session to discuss pending or reasonably imminent litigation.
- 3. Strategy session to discuss the purchase, exchange, or lease of real property.

B. Action Required by Closed Session

C. Adjourn

Pledge of Allegiance

Oath of Office - Kyndal Sagers, Town Clerk

Approval of the Regular Meeting Agenda

A. Announcements/Information/Community Comments/Presentations

- 1. General Announcements
- 2. Zion National Park Update – Superintendent Bradybaugh
- 3. Zion Forever Project Update - Natalie Britt
- 4. Council Department Reports, Questions, and Comments
- 5. Presentation by Sean Amodt, Mosquito Board
- 6. Community Comments

B. Consent Agenda

- 1. Review of Monthly Purchasing Report.
- 2. Minutes: February 20th, March 11th, April 3rd, and April 8th, 2026.
- 3. Proclamation 2026-05 declaring May 2026 as Bike Month in the Town of Springdale.

C. Legislative Items

- 1. **Public Hearing:** Zone change from the Foothill Residential Zone to the Foothill Residential Zone with the Workforce Housing Overlay Zone at 120 Kinesava Drive, lot S-KARA-1. Applicant: Kathy LaFave. Staff contact: Niall Connolly.
- 2. **Public Hearing: Ordinance 2026-08** Review of Land Use Ordinance Amendment Application from Noel Benson, proposing an Amendment to Section 10-18-4 of the Town Code. The proposed amendment would introduce tiered minimum landscape and open space requirements based on the property size in the Village Commercial zone. Staff contact: Niall Connolly.
- 3. **Public Hearing: Ordinance 2026-09** Amending Chapter 10-21-8 of the Town Code relating to maintenance and repair of noncomplying buildings and inserting a new section of Code dealing with involuntary removal of a noncomplying building. Staff contact: Niall Connolly.
- 4. **Public Hearing: Ordinance 2026-10** Amending Chapter 10-21 of the Town Code relating to renovation and redevelopment of noncomplying buildings in the commercial zones. Staff contact: Niall Connolly.
- 5. **Public Hearing: Resolution 2026-05** Amending the FY25-26 Budget. Staff contact: Thomas Dansie / Dawn Brecke.
- 6. **Ordinance 2026-12:** Prohibiting open fires and fireworks in the Town of Springdale during the 2026 fire season. Staff contact: Thomas Dansie.

D. Administrative Action Items

- 1. Review and possible adoption of the FY26-27 Town of Springdale Tentative Municipal Budget. Staff Contact: Thomas Dansie / Dawn Brecke.
- 2. Review and possible award of RAP Tax applications for: 1) Zion Canyon Arts and Humanities Council: Building Momentum with Inspiring Programs for the Canyon, and 2) Zion Canyon Arts Festival. Applicants: 1) Lisa Zumpft, 2) Adrienne Gates. Staff Contact: Thomas Dansie.
- 3. Review and possible award of contract to Bike Utah for community engagement services regarding trails in Springdale. Staff Contact: Ryan Gubler / Thomas Dansie.
- 4. Local Consent Request for an off-premise Beer Permit to sell alcohol at Hotel De-Novo, located at 2400 Zion Park Blvd, Springdale, UT 84767. Applicant: Sam Patel. Staff Contact: Kyndal Sagers.

E. Administrative Non-Action Items

- 1. General Council Discussion

F. Adjourn

***To access the live stream for this public meeting, please visit or click the YouTube link below:**

<https://www.youtube.com/@SpringdaleTownPublicMeetings>

APPROVED

Barbara L. Bruno

DATE

5-13-26

This agenda was posted at the Springdale Canyon Community Center and Town Hall at 12:05 am/pm by K. Sagers on 5/8/26

NOTICE: In compliance with the Americans with Disabilities Act, individuals needing special accommodations or assistance during this meeting should contact the Town Clerk (435.772.3434) at least 48 hours before the meeting.

Packet materials for agenda items will be available on the Town website: <http://www.springdaletown.com/AgendaCenter>

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**MINUTES OF THE SPRINGDALE TOWN COUNCIL SPECIAL MEETING
HELD WEDNESDAY, MAY 13, 2026,
AT THE CANYON COMMUNITY CENTER, 126 LION BOULEVARD, SPRINGDALE, UTAH**

MEMBERS PRESENT: Mayor Barbara Bruno, Council Members Randy Aton, Jack Burns, Pat Campbell, and Kyla Topham

EXCUSED:

ALSO PRESENT: Town Manager Thomas Dansie, Director of Community Development Niall Connolly, Public Works Superintendent Rob Totten, Town Treasurer Dawn Brecke, Chief of Police Garen Brecke, legal counsel Greg Hardman, Deputy Clerk April Raddatz, Town Clerk Kyndal Sagers, recording.

The Special Meeting convened at 4:00 PM.

Kyla Topham made a motion to approve the Special Meeting Agenda. The motion was seconded by Randy Aton.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

A. Closed Session

Pat Campbell made a motion to enter a closed session for discussion of the character, professional competence, or physical or mental health of an individual; strategy session to discuss pending or reasonably imminent litigation; and strategy session to discuss the purchase, exchange, or lease of real property. The motion was seconded by Randy Aton.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

B. Action Required by Closed Session

No action was taken.

C. Adjourn

Randy Aton made a motion to adjourn the closed session at 5:00 pm. The motion was seconded by Kyla Topham.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

Randy Aton made a motion to close the special meeting. The motion was seconded by Pat Campbell.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

Mayor Bruno led the Pledge of Allegiance.
Oath of Office - Kyndal Sagars, Town Clerk

Approval of the Regular Meeting Agenda

Randy Aton made a motion to approve the Regular Meeting Agenda with the revision of moving Item D2 to be heard after Item C2. The motion was seconded by Kyla Topham.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

A. Announcements/Information/Community Questions

1. General Announcements

Town Manager **Thomas Dansie** announced that May is National Physical Fitness and Sports Month, and for May, all Town fitness and sports classes at the Community Center are free to attend. He announced that the Town will be partnering with Dark Skies Astronomy Tours for a free Community Stargazing event on Friday, May 29th at 9:30 pm.

2. Zion National Park Update – Superintendent Bradybaugh

Superintendent Bradybaugh provided statistics from Zion National Park, visitation from April 2025 compared to April 2026 saw a decrease of 2.1%. Mr. Bradybaugh stated that the Park overall increased by 5.4% year-to-date. Mr. Bradybaugh provided an update on the South Campground and the Zion Mount Carmel Highway closure for June 7th.

Mr. Bradybaugh provided input on the Park's statistical analysis, which projected an increase in visitation. He explained how the park collects fees, how fees are used, and an overall funding breakdown. Mr.

Bradybaugh stressed the importance of the Town's partnership with the Park and answered questions from the Council.

3. Zion Forever Project Update - Natalie Britt

Natalie Britt, President and CEO of Zion Forever Project, explained the Zion National Park fees and gave a background on Zion Forever Project's partnership with Zion National Park. Ms. Britt provided information on the non-profit's contribution to future projects, including the upcoming sewer line project, housing, condor research, the Discovery Center on the east side of the park, and a regional recreation management plan. Ms. Britt said that Zion Forever Project will contribute close to \$11 million to Zion National Park, last year they contributed \$5 million. Ms. Britt promoted a benefits concert at the O.C. Tanner for July 4, 2026.

4. Council Department Reports, Questions, and Comments

There were no questions or comments.

5. Presentation by Sean Amodt, Mosquito Board

Sean Amodt, with the Mosquito Board, provided background on the special service district and how the district is funded, as well as why the district was created. Mr. Amodt provided information on Mosquitoes carrying the West Nile Virus in Northern and Southern Utah. He presented information regarding the traps set and areas checked in Springdale. Mr. Amodt said there was a new invasive species, *Aedes Aegypti*. He further explained treatment for mosquitoes. Mr. Amodt answered questions from the Council regarding the types of treatment used.

6. Community Comments

There were no community comments.

B. Consent Agenda

The Consent Agenda consisted of the following items:

1. Review of Monthly Purchasing Report
2. Minutes: February 20th, March 11th, April 3rd, and April 8th, 2026
3. Proclamation 2026-05 declaring May 2026 as Bike Month in the Town of Springdale

Jack Burns made a motion to approve the Consent Agenda. The motion was seconded by Randy Aton.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: (Not present)

The motion passed with 4 votes.

C. Legislative Items

1. **Public Hearing – Zone change from the Foothill Residential Zone to the Foothill Residential Zone with the Workforce Housing Overlay Zone at 120 Kinesava Drive, lot S-KARA-1. Applicant: Kathy LaFave. Staff contact: Niall Connolly**

Staff Introduction:

Niall Connolly, Director of Community Development, provided background information on the application and the property located at 120 Kinesava Drive. He explained that the Workforce Housing Overlay Zone allows for an increase in density in exchange for a deed restriction that limits the occupancy of the units to qualified households.

Applicant Comments:

Kathy LaFave, applicant, provided context regarding her application and the goals of the General Plan for a diverse population. The applicant, Ms. LaFave, detailed her request to split her two-acre property into two separate lots, noting that both would be subject to deed restrictions.

Council Questions:

Mr. Aton asked Mr. Connolly if the Town Code would require the applicant's existing home as workforce housing. Mr. Connolly responded that the overlay zone would apply to the whole property, which would require deed restrictions on both the existing and new home. Ms. LaFave added that she is willing to comply with the deed restriction.

Kyla Topham made a motion to open the public hearing. The motion was seconded by Jack Burns.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

Public Comment:

Noel Benson, Springdale resident, commented on his support of the application.

Randy Aton made a motion to open the public hearing. The motion was seconded by Pat Campbell.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

Council Deliberation:

Mr. Aton commented on his support of the application, stating that Ms. LaFave would be giving up the retail value of her home. Mr. Burns added that it will be interesting to find creative ways in which the Workforce Housing Overlay Zone will evolve. Ms. Topham added that the application shows restraint and fits into the character of the current neighborhood. She further stated that the application is supported by the General Plan. Mr. Campbell expressed concern with the potential size of Workforce Housing Overlay Zone projects in general, but commented that Ms. LaFave's application was

excellent. Mayor Bruno echoed the Council's sentiments, she added her support of Ms. LaFave's application.

Kyla Topham made a motion that the Town Council approve the Zone Change Amendment application, which would apply the Workforce Housing Overlay Zone to the property at 120 Kinesava Drive. This motion is based on the following findings:

- 1. This zone change meets the criteria for a zone change as it furthers the goals and objectives of the general plan. In the Housing general goal, Sub-Goal A and Sub-Goal B.**

The motion was seconded by Randy Aton.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

- 2. Public Hearing – Ordinance 2026-08 Review of Land Use Ordinance Amendment Application from Noel Benson, proposing an Amendment to Section 10-18-4 of the Town code. The proposed amendment would introduce tiered minimum landscape open space requirements based on the property size in the Village Commercial zone. Staff contact: Niall Connolly.**

Staff Introduction:

Mr. Connolly gave background on the Land Use Ordinance Amendment applications, explaining that the proposal is for the minimum landscaping requirements in the Village Commercial Zone to be adjusted to introduce a tiered requirement based on the property size. He explained that the proposal includes that properties between 0.5 acre and greater in area would have a landscaping requirement of 60%, properties between 0.25 and 0.5 acres would have a landscaping requirement of 50%, and parcels smaller than 0.25 acre would have a landscape requirement of 40%. Mr. Connolly noted that the Planning Commission reviewed the application and recommended approval to the Town Council. Mr. Connolly explained that Mr. Benson had proposed a 5% tolerance for the tiered property size thresholds, but that proposal did not make it into the motion although the Planning Commission spoke favorably of it. Mr. Connolly brought attention to a Public Comment that was not provided before the meeting from A. and J. Galey.

Applicant Comments:

Mr. Benson gave context to the reasoning behind his application. He stated his family owns a quarter of an acre of property in the Village Commercial Zone. He noted the current allowed uses and the development limitations for this property based on current Town Code development standards, particularly the current requirement for small properties in the VC zone to have 60% of the property area devoted to landscape.

Council Questions:

Ms. Topham asked if other properties in Town were taken into consideration while the application was being drafted. Mr. Benson answered that there are other properties in Springdale that would be affected and would benefit from the code change.

Mr. Burns said at a 0.25 acre, the required setbacks on the property alone are greater than 40% of the property. So a property could never be developed with as little as 40% landscape. Mr. Benson confirmed that on a 0.25 acre property setbacks take up more than 40% of the property. However, he said that structures have to be within the setbacks, but things such as patios, signage, and walkways can be outside of those. So allowing as little as 40% landscape on those small properties would still be a benefit.

Mr. Benson stated that public records had his property previously listed at 0.24 acres; when he had the property surveyed, it was over 0.25 acre. He said that public records currently have his property listed at 0.26 acres. That is the reason for the requested 5% tolerance in the tiered property size limits. Mr. Campbell asked if a limiting factor is landscaping or setbacks. Mr. Benson answered that setbacks are an issue.

Mayor Bruno asked questions regarding the background of the landscape area table. Mr. Connolly and Mr. Dansie provided background on the numbers associated with the table.

Ms. Topham asked if the 5% tolerance would be a Planning Commission decision or a staff decision. Mr. Benson clarified that the 5% tolerance was left out of his application. Mr. Benson suggested that the 5% tolerance could go through the Town Council. Mr. Connolly suggested that an alternative to the 5% tolerance would be to specify the exact square footage that is being allowed within the Code.

Jack Burns made a motion to open the public hearing. The motion was seconded by Kyla Topham.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

Public Comment:

There were no public comments.

Kyla Topham made a motion to close the public hearing. The motion was seconded by Jack Burns.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

Council Deliberation:

Mayor Bruno commented that changing the ordinance would affect a lot of properties. She directed Council to look at the ordinance as it will affect any property that fits into the category and the potential consequences. Ms. Topham followed up, saying her largest concern includes the other properties the ordinance change would apply to. She added that this could cause more dense structures closer to residential properties. Mr. Aton added that changing the ordinance would make it more economically viable and more modest development. Mr. Campbell said the 5% tolerance could lead to complications.

Mr. Aton commented that the ordinance change is appropriate for Village Commercial.

Mr. Burns talked about the building height. He asked the Council if they would like to have an additional conversation regarding smaller lots to encourage more modest structures that are not two-story. Ms. Topham added that they should ensure that the kind of building wanted in the Village Commercial coincides with small town character. She added that the Council should potentially direct the Planning Commission to look into re-addressing building height in the Village Commercial zone, considering the amended landscape requirements.

Pat Campbell made a motion that the Town Council reviewed and approves the land use ordinance amendment application proposed by Mr. Noel Benson, which would revise section 10-18-4 of the Town Code by introducing a tiered landscaping requirement in the Village Commercial zone with the following revision:

- 1. Under 10-18-4 landscape requirements and regulations, the table will now show properties half an acre or greater with 60% landscape or natural open space. Quarter acre up to half acre with 50% landscape or natural open space. Less than a quarter with 40% landscape or natural open space.**

Based on the following findings:

- 1. The proposal supports the land use and town appearance goals, especially Sub-Goal C, wherein the Town Council will update land use ordinances to make sure it stays true to the intention of promoting mixed use along Zion Park Boulevard while allowing development that meets community needs and desires.**
- 2. Meets economic Sub-Goal A to enhance and support small and independent businesses that are unique to Springdale and help promote the small-town village character.**
- 3.**
- 4. The Town Council also finds that adopting a tiered landscape and open space framework for the Village Commercial zone better aligns Village Commercial standards with existing Valley Residential and Central Commercial districts while maintaining the community's desired character.**
- 5. The Council further finds that the scaling requirements by a lot size provides meaningful relief for smaller commercial properties, improving development feasibility, and reducing nonconformities without reducing overall landscape and open space expectations for larger, more impactful sites, and authorizes the Mayor to sign. Seconded by Randy Aton.**

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: No

The motion passes 4:1.

D2: Review and possible award of RAP Tax applications for: 1) Zion Canyon Arts and Humanities Council: Building Momentum with Inspiring Programs for the Canyon, and 2) Zion Canyon Arts Festival. Applicants: 1) Lisa Zumpft, 2) Adrienne Gates. Staff Contact: Thomas Dansie.

Staff Introduction:

Mr. Dansie provided background information regarding RAP tax. The Town policy says that up to 50% of the RAP tax can be spent on projects and that no single organization can be awarded more than 25% of the total anticipated RAP tax. This year, the Town's anticipated RAP tax revenue will be \$60,000.00, which means that the Council can allocate up to \$30,000.00 on projects; no single applicant can be awarded more than \$15,000.00. The two requests from community organizations include Zion Canyon Arts and Humanities Council (ZARTS) requesting \$15,000.00, and the other is the Zion Canyon Art Festival requesting \$5,000.00.

Applicant Introduction for ZARTS:

Lizette Byers, co-applicant for ZARTs, gave background information on what ZARTs did for the 2025 RAP tax award.

Council Questions:

Ms. Topham inquired about the success of the film festival. Ms. Byers responded that there was an increase in attendance by 40% compared to previous years. Mr. Campbell complimented ZARTS application on cost specifics.

Applicant Introduction for Zion Canyon Art Festival:

The introduction from the applicant was unsuccessful due to technical difficulties.

Council Deliberation:

Ms. Topham suggested that the applicant for the Zion Canyon Art Festival bring a revised application back to the Town Council. Mr. Burns added that the Council needs a higher level of insurance from galleries and businesses, as well as who will be in Springdale to coordinate efforts.

Kyla Topham made a motion to approve the RAP Tax funding for ZArts in the amount of \$15,000.00. The motion was seconded by Jack Burns.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

- 3. Public Hearing: Ordinance 2026-09 Amending Chapter 10-21-8 of the Town Code relating to maintenance and repair of noncomplying buildings and inserting a new section of Code dealing with involuntary removal of a noncomplying building. Staff contact: Niall Connolly**

Staff Introduction:

Mr. Connolly provided background information on the Planning Commission's work on the proposal. Mr. Connolly stated that this includes clarifying the ordinary maintenance, and that repair does not include extensive construction or reconstruction. He said that the Planning Commission also proposed an additional scenario that deals with involuntary removal of a non-complying building or structure. Mr. Connolly provided further background on the work that the Planning Commission put towards the proposed ordinance.

Questions from the Council:

Mr. Campbell asked Mr. Connolly to clarify the terms “redevelopment” and “reconstructed.” Mr. Connolly answered that reconstructed means reconstructing building elements, whereas redevelopment is starting over and coming into compliance. Mr. Aton added that he believes reconstruction is above the floor slab, whereas redevelopment would be removing the floor slab. Ms. Topham asked if an engineer could do an assessment for the need of an involuntary removal if mold is an underlying factor. Mr. Connolly answered there is potential for an assessment as the ordinance points out that refurbishment may be necessary for safety and sanitation in accordance with the local building code.

Kyla Topham made a motion to open the public hearing. The motion was seconded by Randy Aton.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

Public Comment:

There were no public comments.

Randy Aton made a motion to close the public hearing. The motion was seconded by Kyla Topham.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

Council Deliberation:

Mayor Bruno asked for the timeline for a demolition permit. Mr. Connolly answered that permission from the Planning Commission would be needed before proceeding with demolition. Mr. Aton added the question of leaving the slab and footings and reconstruction. Mayor Bruno questioned if the floor slab and footings were kept, would Council be content with nonconformity and rebuilding. Mr. Aton remarked the removal of the floor slab and footings would be redevelopment of the property that should come into compliance. Mr. Connolly stated the proposed ordinance outlines that, if a written opinion from an engineer or other suitably qualified individual provides evidence that repairs or replacement are necessary for safety reasons, it may be approved.

Mr. Burns said the proposed language is confusing and may lead to further confusion. Mayor Bruno summarized the Council’s vote in a previous meeting due to the lack of clarity in the Code. Mr. Campbell added that clarification is needed. Ms. Topham suggested adding definitions, triggers, consistent language, and further specifics. Mr. Burns was appointed to work with the staff on the matter.

Kyla Topham made a motion to table the changes to Chapter 10-21-8 and asked that staff work with Jack Burns to clarify issues discussed in the meeting on May 13, 2026. The motion was seconded by Randy Aton.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

4. **Public Hearing: Ordinance 2026-10 Amending Chapter 10-21 of the Town Code relating to renovation and redevelopment of noncomplying buildings in the commercial zones. Staff contact: Niall Connolly.**

Staff Introduction:

Mr. Connolly summarized the proposal as centered around properties in the Central Commercial zone, downtown, and many Village Commercial zone properties. He added the Planning Commission's discussion around the proposed ordinance and maintaining the charm and character of the town.

Kyla Topham made a motion to open the public hearing. The motion was seconded by Randy Aton.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

Public Comment:

There were no public comments.

Kyla Topham made a motion to close the public hearing. The motion was seconded by Randy Aton.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

Council Deliberation:

Mr. Campbell recounted the discussion on the previous public hearing item, reiterating the confusion on the definitions of redevelopment and reconstruction. He added the terms being intertwined throughout the proposed code and added different sections of the code where they can be found. Mayor Bruno agreed that there is an inconsistency and the language could be cleaned up. She added

her sentiments of liking the concept and encouraging better redevelopment and development of empty properties.

Mr. Burns said that the majority of the buildings in the downtown area are non-conforming. He asked for clarification on whether a building has to be rebuilt and whether it will need to be brought into compliance. He added to the question if a property can be built on the same footprint and stay noncompliant after one time of being built, after one time of being rebuilt, the property would then need to come into compliance. Mayor Bruno answered that there would be a one-time allowance. Ms. Topham added that landscaping and building height would need to come into compliance.

Mr. Burns summarized the conditions under which the Council would authorize the maintenance or reconstruction of structures, while noting that other elements would need to be brought into compliance. Mayor Bruno added that setback and building size requirements must be met upon redevelopment; she clarified that while the existing footprint could be utilized, expansion beyond the original dimensions would not be permitted during the initial reconstruction.

Mr. Connolly provided the Planning Commission's feedback on wanting to see some incremental improvements in compliance with landscaping and other elements.

Mr. Campbell questioned the impossibility of reconstruction regarding land use regulation, asking if it means economically, aesthetically, or technically impossible. Mr. Connolly answered with examples.

Kyla Topham made a motion to table Ordinance 2026-10 amending Chapter 10-21 of the Town Code relating to renovation and redevelopment of non-complying buildings in the Commercial Zone and asked that staff work with Pat Campbell to review ideas as discussed in the May 13, 2026, Town Council Meeting to work on clarity, definitions, and consistency. The motion was seconded by Jack Burns.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

- 5. Public Hearing: Resolution 2026-05 Amending the FY25-26 Budget. Staff contact: Thomas Dansie / Dawn Brecke.**

Staff Introduction:

Mr. Dansie said under the leadership of Chief Brecke, there is emergency backup power at both the Town Hall and the Community Center. He added that there are permanent backup generators at both buildings, leading to additional costs that exceeded the original budget. Mr. Dansie said the budget amendment recognizes those additional costs. The additional costs included items such as buried propane tanks and screening mechanical equipment, which were not anticipated. Mr. Dansie said the resolution accounts for the extra costs and found additional revenue to offset the costs.

Randy Aton made a motion to open the public hearing. The motion was seconded by Pat Campbell.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye
Campbell: Aye
Topham: Aye
The motion passed unanimously.

Public Comment:

There were no public comments.

Randy Aton made a motion to close the public hearing. The motion was seconded by Kyla Topham.

Vote on the motion:
Burns: Aye
Aton: Aye
Bruno: Aye
Campbell: Aye
Topham: Aye
The motion passed unanimously.

Council Deliberation:

The council gave praise for the generator project.

Jack Burns made a motion to approve Resolution 2026-05, a resolution opening and amending the budget of revenues and expenditures for the various funds of the Town of Springdale for the fiscal year ending June 30th, 2026. The amendment includes increasing revenues and expenditures by \$38,000.00 to total \$6,630,537.00. This includes additional appropriation of fund balance of \$26,653.00, and directed the mayor to sign. The motion was seconded by Randy Aton.

Vote on the motion:
Burns: Aye
Aton: Aye
Bruno: Aye
Campbell: Aye
Topham: Aye
The motion passed unanimously.

- 6. Ordinance 2026-12: Prohibiting open fires and fireworks in the Town of Springdale during the 2026 fire season. Staff contact: Thomas Dansie.**

Staff Contact:

Mr. Dansie provided a summary of the State Code regarding fireworks. He said that the State requires the Town to identify hazardous areas, current fire conditions, and that in at least 2 of the previous 5 years, there were conditions to justify a firework ban. Council members asked about banning fireworks and fires. The Council discussed the expiration date of the ordinance; the Council proposed changing it from October, as originally proposed in the ordinance, to February.

Pat Campbell made the motion that the Town Council has reviewed the proposed Ordinance 2026-12, an ordinance prohibiting open fires and discharge of fireworks in the Town of Springdale during the 2026 fire season. The motion is based on the following findings, which

support a complete and total ban of fireworks within the town limits of Springdale until such time as the present restrictive conditions subside.

1. Town Council finds that it's its duty to reduce the threat of fires in the town limits that could cause extensive damage to lives, homes, businesses, public facilities, infrastructure, and natural surroundings of Springdale.
2. The Hurricane Valley Fire Special Service District shares the town's goal of reducing the threat of fires in Springdale and supports the measures intended to lower ignition risk during the 2026 fire season.
3. The Utah law expressly authorizes the town to prohibit discharge of fireworks in areas with existing and historical hazardous environmental conditions pursuant to Title 53, Chapter 7, Part 2, section 225 of the Utah Code
4. The Division of Forestry Fire and State Lands identifies the Town of Springdale as a community at high risk of wildfire.
5. The use of ignition sources, including explosive and other fireworks, substantially increase the risk of fire ignition and rapid fire spread throughout town.
6. Existing and historical hazardous environmental conditions throughout Springdale necessitate strict control of ignition sources, including a complete prohibition of ignition and or discharge of fireworks during the 2026 season.
7. All property within the boundaries of Springdale is subject to the hazardous environmental conditions, including areas covered in brush, dry grass, areas within 200 feet of waterways, trails, canyons, washes, ravines, and other similar features, and areas located in the wildland urban interface.
8. Springdale is particularly affected by the state of Utah's wildland urban interface code because wildfire risk conditions extend throughout the town rather than being confined to isolated areas, resulting in a community wide wildland urban interface concerns and heightened fire protection needs recognized by state law.
9. Hazardous conditions exist throughout town; a partial date restriction would be inadequate to protect the public, and only a complete townwide prohibition is reasonably calculated to reduce the risk of fire ignition.
10. The ongoing drought and historically dry winter of 2025-2026 have exacerbated wildfire conditions for the 2026 season, increasing the need for preventive fire restrictions.
11. A wildfire ignited within Springdale could endanger residents, visitors, emergency responders, private and public property, transportation corridors, and the economic well-being of the town.
12. The town's closure area properly includes State Route 9 and all areas of the town on both sides of State Route 9, as shown on the 2026 fireworks restriction map. By reference, this is ordinance 2026-12.
13. Pursuant to Utah Code sections 10-8-56 and 10-8-84, the prohibition of fireworks and open fire during the 2026 season is necessary and proper to preserve the health and safety of the town's citizens, visitors, and promote the prosperity of the town and protected property within the town.
14. These restrictions should remain in effect until such time as the present restrictive conditions subside, as determined by the Town Council based on fire danger, drought conditions, and the advice of fire and emergency management officials.
15. These hazardous conditions have existed in 2 of the prior 5 years.

Based upon the foregoing findings, the Town Council adopts the 2026-12 Ordinance with the following change:

1. 4-9-2 fireworks prohibited. It's unlawful to ignite, discharge, or cause to be ignited or be discharged, any firework within the Town of Springdale beginning May 13, 2026, and continuing thereafter until the Town Council determines that the hazardous environmental and fire danger conditions necessitating this prohibition have subsided or until February 1, 2027.

2. The term fireworks under the section as defined under Title 53, Chapter 7, Part 2, section 202, Utah Code annotated 1953, as amended.

And authorizes the Mayor to sign. The motion was seconded by Kyla Topham.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

D. Administrative Action Items

1. Review and possible adoption of the FY26-27 Town of Springdale Tentative Municipal Budget. Staff Contact: Thomas Dansie / Dawn Brecke.

Staff Introduction:

Mr. Dansie recounted the Town Council's work session in April, where a staff budget was discussed. He added that minor changes had been made since the meeting.

Council Discussion:

Mayor Bruno asked about the PaiuteTribe donation and the windscreens at the pickleball court. Mr. Burns asked about the public art fund contribution. Ms. Topham commented being pro AED at the pickleball court and recommended training on how to use the equipment. The Council discussed the features of the windscreens at the pickleball courts relating to function and appearance.

Jack Burns made the motion that Town Council approves the tentative 2026-2027 budget and schedule a meeting for June 10, 2026, for a public hearing. The motion was seconded by Kyla Topham.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

3. Review and possible award of contract to Bike Utah for community engagement services regarding trails in Springdale. Staff Contact: Ryan Gubler / Thomas Dansie.

Staff Introduction:

Mr. Dansie said the Town Council selected Bike Utah for a public outreach effort related to trails in Springdale. A contract for Bike Utah's services has been drafted and reviewed; the contract will formally engage Bike Utah to do the trail's public outreach efforts.

Kyla Topham made the motion that Town Council approves the contract between the Town of Springdale and Bike Utah in the amount of \$8,100.00 for community engagement services regarding trails in Springdale and directs the Mayor to sign. The motion was seconded by Randy Aton.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

4. Local Consent Request for an off-premise Beer Permit to sell alcohol at Hotel De-Novo, located at 2400 Zion Park Blvd, Springdale, UT 84767. Applicant: Sam Patel. Staff Contact: Kyndal Sagers

Staff Introduction:

Ms. Sagers gave background on the request, providing the location, name of the applicant, and further details. She stated the off-premise beer license will be for 5% alcohol by volume or less, beer to go from retail businesses.

Kyla Topham moved to approve the local consent request for an off-premise beer permit to sell alcohol at Hotel DeNovo located at 2400 Zion Park Boulevard, and direct the Mayor to sign. The motion was seconded by Jack Burns.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

E. Administrative Non-Action Items

1. General Council Discussion

Mr. Burns commented that the previous Eric Dodge concert was a great event and suggested more similar events in the future. Ms. Sagers and Mr. Dansie commented on the funding resources for the event and what it could look like for future events. Council further discussed which committees could oversee the future events.

F. Adjourn

Kyla Topham made a motion to adjourn at 8:33 p.m. The motion was seconded by Pat Campbell.

Vote on the motion:

Burns: Aye

Aton: Aye

Bruno: Aye

Campbell: Aye

Topham: Aye

The motion passed unanimously.

Kyndal Sagers, Town Clerk

APPROVAL: _____ DATE: _____

A recording of the public meeting is available by accessing the Town's YouTube channel at <https://www.youtube.com/@SpringdaleTownPublicMeetings>.

DRAFT



PO Box 187 118 Lion Blvd Springdale UT 84767

ATTENDANCE RECORD

Please print your name below

Meeting: Town Council Special Meeting

Date: 05/13/2026

ATTENDEES:

Kathy LaFare
Name (please print)

Natalie Britt
Name (please print)

Janet Passek
Name (please print)

Ira Rubinfeld
Name (please print)

Noel Benson
Name (please print)

Liz Byer
Name (please print)

Name (please print)

Name (please print)

Name (please print)

Name (please print)

Name (please print)

Name (please print)

Kathy LaFare
Name (please print)

Name (please print)

Name (please print)

Name (please print)

Name (please print)

Name (please print)

Name (please print)

Name (please print)

Name (please print)

Name (please print)

Name (please print)

From: **Aryana Ortiz** <[REDACTED]>
Date: Wed, May 13, 2026 at 4:55 PM
Subject: Support for Noel Benson Proposal - Tiered Landscaping
To: Nconnelly@Springdale.utah.gov <Nconnelly@springdale.utah.gov>

To whom it may concern,

As a resident and member of the Springdale workforce, I support the proposed tiered landscape requirements in Village Commercial. It seems like a good way to help smaller properties while still maintaining the character of the town.

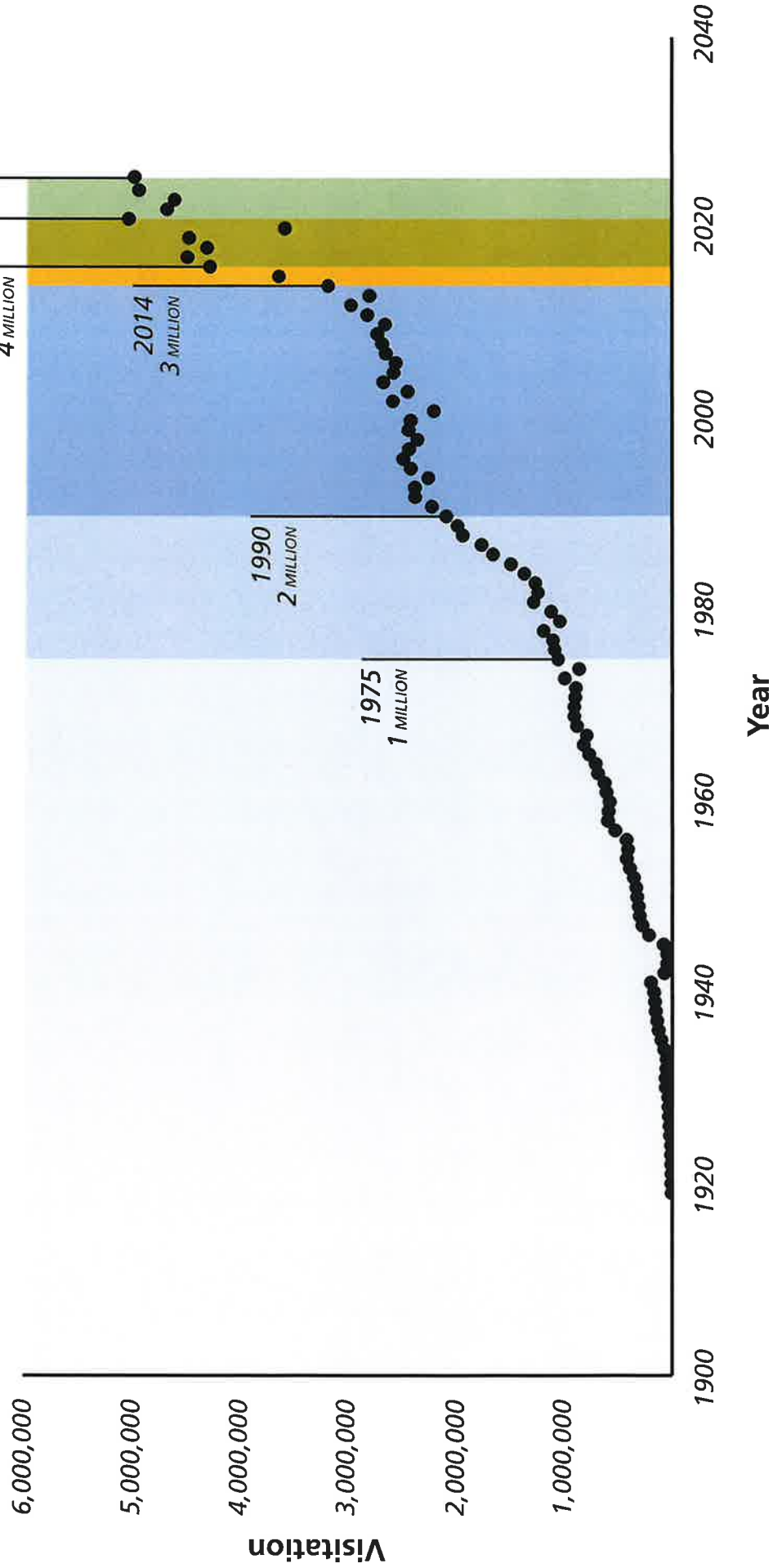
Aryana & Jakob Gailey

Zion National Park

National Park Service
U.S. Department of the Interior
Zion National Park
Utah



Annual Recreation Visits 1919–2025





Visitation & Budget

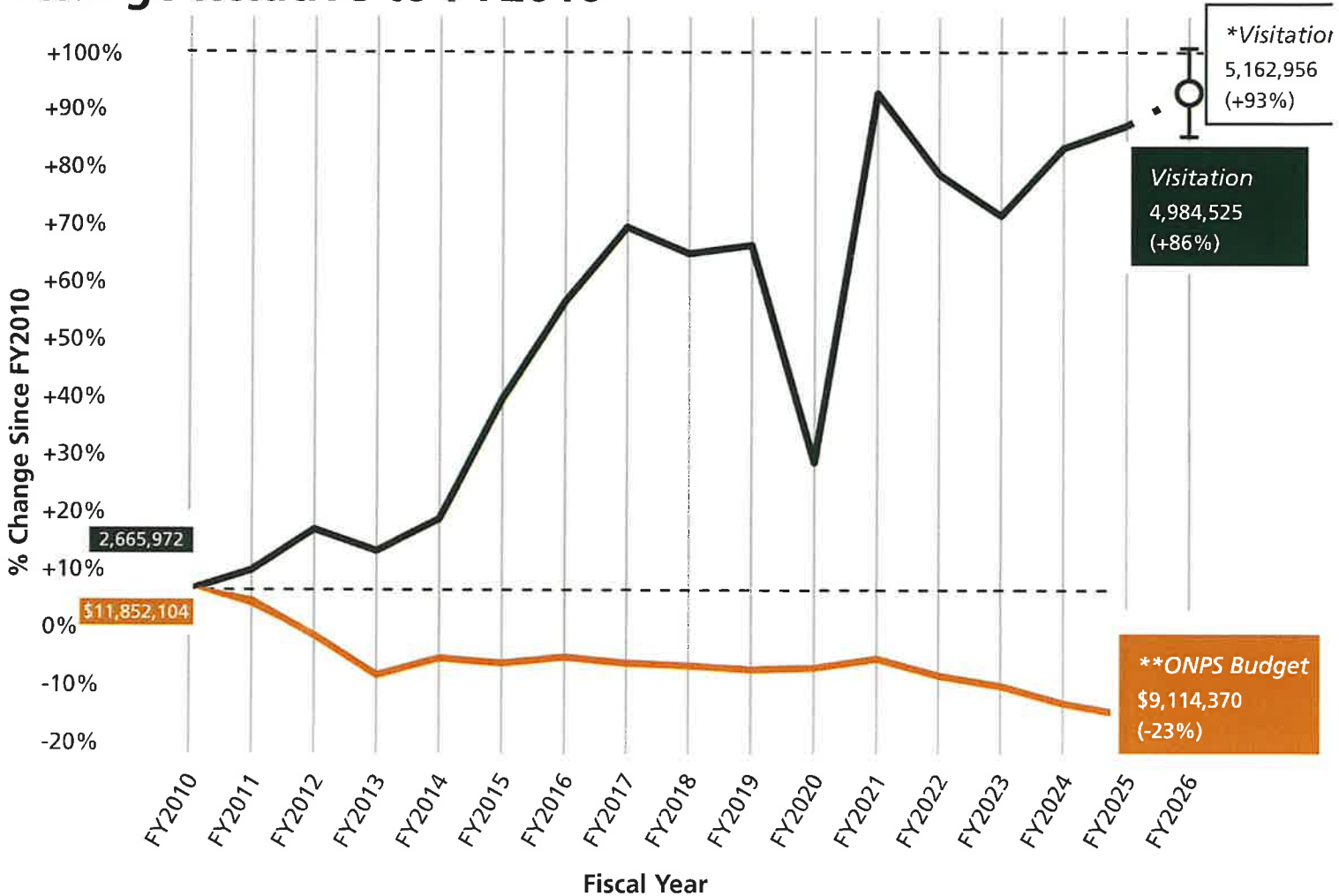
Visitation data from irma.nps.gov/Stats/Reports/ParkZION

*Projected 2026 visitation data using a predictive ARIMA model trained on monthly visitation data from Oct. 2009—Apr 2026.

**ONPS budget data adjusted for inflation relative to Sept. 2025 using www.bls.gov/data/inflation_calculator.htm

Analysis by Zac Warren

Change Relative to FY2010



Notable

Since FY2010, visitation has increased 86% overall, while ONPS budget has fallen 23% (adjusted for inflation).

FY2021 was the highest year of visitation (5 million), followed closely by FY2025 (4.99 million). Current projections predict 2026 visitation to set a new record at 5.16 million. Visitation fell 25% from FY2019 to FY2020 (897,014) during the COVID-19 pandemic.

Zion FLREA Funding Breakdown



NATIONAL PARK SERVICE

Transportation Fees



65%

Money From:
• Zion-Specific Entrance Passes

Money From:
• Interagency Passes
• Camping Fees
• Permits

35%

100%

National FLREA for Small Parks



20%

FLREA Funds

80%

Deferred Facility Maintenance Projects

55%

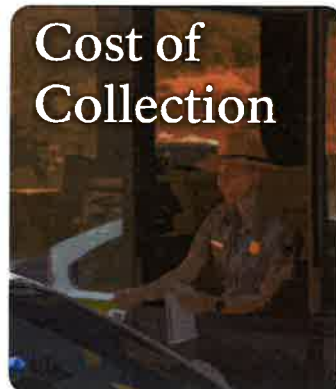
Funding Available for Park Use

27%

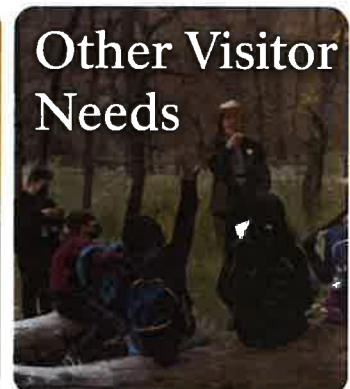
18%

From the fees that are paid to Zion, only a portion can be used for general Park needs:

Entrance Fee: \$35	
35% into FLREA	\$12.25
20% taken for small parks	\$9.80 left
55% taken for DM Projects	\$4.41 left
27% taken for \$ Collection	\$1.76 for other Park priorities
Camping Fee: \$30	
100% into FLREA	\$30.00
20% taken for small parks	\$24.00 left
55% taken for DM Projects	\$10.80 left
27% taken for \$ Collection	\$4.32 campground operation and other Park priorities



Cost of Collection



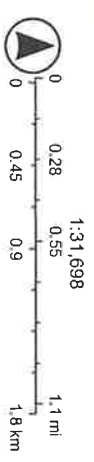
Other Visitor Needs

SWMACD Mosquito Map



5/12/2026, 9:56:11 AM

- Treatment Sites
 - Heavy Rain
 - Non Priority
 - Regular Monitoring
- Trough
 - Non Active
- Trapping Sites
 - Yes
- Comment Points
 - Point
 - Storm Water
- Aedes Aegypti Comment Points
 - Ornamental Pond - Inactive
 - County Boundary
 - Municipalities



State of the District

Southwest Mosquito Abatement & Control District- as of February 2026

Purpose: To answer these three questions:

- 1- Where are we now?
- 2- What has been improved?
- 3- Where are we going?

Categories and Topics of discussion:

- 1- SWMACD Building/ Capital Improvements
 - a. Adding cabinets and counters with sink in shop.
 - b. Plans to replace carpeted floors in the office.
 - c. Landscaping improvements.
- 2- Vehicles
 - a. Possibly purchase 2 trucks (replace oldest which is the 2015 Silverado)
 - b. New motor in 2019 Silverado in 2025.
 - c. Topper for trucks with shorter bed.
- 3- Treatment systems
 - a. New products- Sumilarv for catch basins & VectoBac WDG for WALs blower.
 - b. Resistance testing for adult mosquitoes.
 - c. 6.3 gallons total of adulticide used for fogging over 245 acres in 2025.
- 4- Surveillance
 - a. Sunrise GIS updates- Aedes aegypti layer improvements.
 - b. Hired Kirk Jones as the Public Education Administrator in January 2026.
 - c. Aedes aegypti found in St. George, Springdale, Santa Clara, Hurricane, and Washington.
- 5- Lab
 - a. 3 positive WNV mosquito pools and 0 positive SLE pools found in 2025.
 - b. Aedes aegypti reared to lay eggs for genetic testing.
 - c. Soil testing for Aedes aegypti.
- 6- Office
 - a. Added Full-time, benefited Public Education Administrator position.
 - b. Preparing for the full financial audit for 2025.
 - c. Miscellaneous office:
 - i. Fall conferences attended in 2025: UMAA, UASD, One Health.
 - ii. 2026 Spring conferences: WCMVCA, AMCA, RaHP VEC, UMAA spring workshop.
- 7- Education/training
 - a. 10+ STEM events planned.
 - b. 2 UTU student projects for better operational efficiency.
 - c. Annabel Anyang – comic book: Southwest Most Wanted.

Mosquito Distribution Chart- 2025

Trapping Locations	Mosquito Species																Totals	Positive WNV/WEE/SLE			
	<i>Ae. aegypti</i>	<i>Ae. vexans</i>	<i>An. franciscanus</i>	<i>An. freeborni</i>	<i>Cu. incidens</i>	<i>Cu. inornata</i>	<i>Cx. apicalis</i>	<i>Cx. erythrothorax</i>	<i>Cx. Quinquefasciatus</i>	<i>Cx. tarsalis</i>	<i>Cx. thriambus</i>	<i>Oc. dorsalis</i>	<i>Oc. epactius</i>	<i>Oc. increpitus</i>	<i>Oc. nigromaculis</i>	<i>Oc. pullatus</i>			<i>Oc. varipalpus</i>	<i>Or. signifera</i>	<i>Ps. signipennis</i>
St. George																				Totals	16113
Dr. Free Clinic SGE002	1	1	7		41		1846	11	107	2										2016	
Springs Park SGE003	2	3	47		34		565	6	2848	1										3506	
Springs River SGE003-2	1	1	34		15		446	14	1990											2501	
Halfway Wash SGE007			1		4		622	5	23	1										656	
Ft. Pierce N. SGE008-2			1	1	2		12	9	374											399	
Radio Towers SGE009	17				2		5	2	117											143	
Radio Towers 2 SGE009-2	28				47		93	9	436	1								1		615	
North Dixie Dr. SGE013	1				17		923	35	85	1			1							1063	
Nature Park SGE014	6	5	9		53		23	7	317	85										505	
Little Valley SGE015	1				2		41	41	202	1										288	
Rio Virgin Estates SGE016				35	1		4	7	64											111	
Middleton SGE017	1		1		35		2812	35	119											3003	
Sunriver SGE018							1		52											53	
Mall Drive Bridge	1	1	28		4		83	8	1129											1254	
Extras & Service Requests																				0	
Washington																				Totals	7083
Animal Shelter WAS001	7		5				4	2	28											46	
PV Estates WAS002	3	2	14		12		19	11	347	1										409	
Green Springs WAS005							61	3	14											78	
East Boiler WAS006					1		16	1	8											26	
Landfill Rd. WAS008	146	2	22		81		585	5	187	8										1036	
Diversion Dam WAS009					1				3											4	
Rock Spring WAS011	3761	27	232		91		944	1	859	69										5484	3
Hurricane																				Totals	548
End Of Road HUR007		27	2		8		1		35				6							79	
Tractor Supply HUR008	291	1		1	22			5	39	3										362	
Prob. Area 3000 S. HUR009		51			18				23				8					7		107	
Extras & Service Requests																				0	
Santa Clara																				Totals	1272
Arboretum scl001			1	40	13		16	2	124											196	
Lava Flow Wash scl004	1		26		19		783	7	46	1										883	
Santa Clara River scl005			14		4		91		84											193	
Extras & Service Requests																				0	
Ivins																				Totals	1715
Fire Lake Ivi003			33	27	11		1169		364	111										1715	
Leeds																				Totals	76
Jackson Rd. lEE003			4	4	2	2	32		26	2			2	2						76	
LaVerkin																				Totals	399
Confluence Park LAV001	26	159	11		28		1		172	2										399	
Toquerville																				Totals	18
Toquerville Park TOQ002									18											18	
Virgin																				Totals	1088
Sierra Bella VIR008	11	3	3	4	89		870		102	6										1088	
Outlying areas																				Totals	752
*Apple Valley APV001									15											15	
*Enterprise ENT003			7	1					8											16	
*Hildale HIL002			2	1		1			9											13	
*New Harmony NHA002- NHA003	6	30	58	7	26		55		44				2							228	
*Rockville ROC002-ROC004		2		2	1		2	1	20	2										30	
Springdale SPR002		6	15	31	54	241	4	1	33	12			2							399	
Extras & Service Requests			2	1			5		43											51	
Service Requests																				Totals	443
Extras & Service Requests	154			1	1		1	267	19											443	
Totals	156	3809	373	638	48	739	241	12135	495	10533	309	0	0	7	16	0	0	0	8	29507	3

Notes: All amounts include males and females collected from all trap types in each location for the entire year.

*Traps were set on alternating weeks or temporary sites

Color Key for amounts of mosquitoes

1-9	100-199
10-24	200-499
25-49	500-999
50-99	1000+



Southwest Mosquito Abatement & Control District

Public Health Advisory

An invasive mosquito has been found in your community. Mosquito control crews will be inspecting, trapping, and treating in the area.

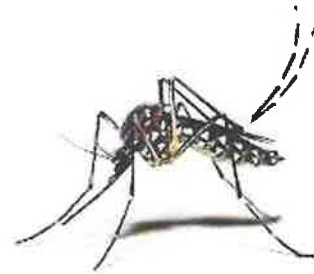
*** This service is already paid through your property tax.**

Aedes Aegypti

- They are usually found in containers in residential areas and bite any time of day.
- They mainly bite humans, usually around areas with thin skin, like ankles and wrists.
- They can carry diseases that aren't native to Utah, but they have not been known to carry any diseases in Washington County.

Characteristics & Behaviors

- The mosquito is black with white patches and banding.
- They stay relatively close to where they hatch out, but they can fly as far as a block away (in a lifetime).
- They lay eggs on the sides of containers, and they will hatch out when water is reintroduced, and emerge as adults in as little as 4-5 days.



Treatments

- Source reduction (removing water sources) is the best method of control.
- Removing backyard clutter and trimming overgrown foliage can help identify areas where water is pooling.
- Potential sources may include bird baths, buckets, toys, plant pots, totes, tires, etc.



If you have experienced DAY BITING mosquitoes, please contact the Southwest Mosquito Abatement & Control District office at [435-627-0076](tel:435-627-0076) or www.swmosquito.org

MOSQUITO CONTROL METHODS

COLLECTION AND TESTING

- **Larvae** are collected using a dipper (a cup on a long pole), then brought to the lab and identified or reared to adults.
- **Adults** are collected using special traps designed to attract female mosquitoes looking for a blood meal or the ones that are ready to lay eggs.
- Collected mosquitoes are taken to the lab, sorted, identified, and processed to determine if they are carrying West Nile virus.

**If you see a mosquito trap,
Please DON'T TOUCH IT!**

ABATEMENT

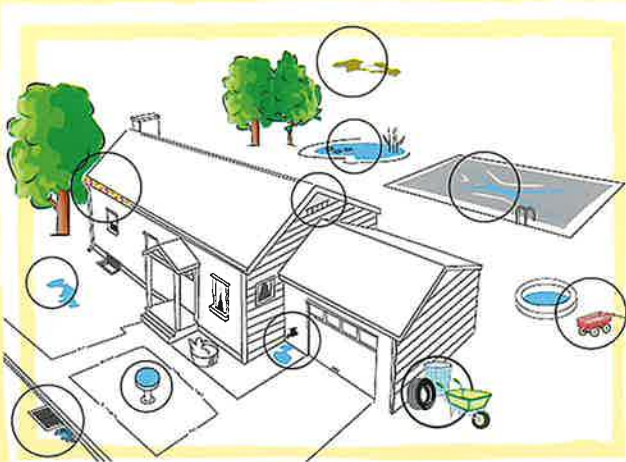
- **Larvicides** are pesticides added to the water to kill mosquito larvae before they emerge as adults.
- **Adulticides** are liquid pesticides used to kill adult mosquitoes. Ultra low volume (ULV) "fogging" is done when mosquitoes are most active, usually in the evenings, from trucks or ATVs.

FUN FACTS ABOUT MOSQUITOES

- Over 3000 species in the world
- Almost 200 in U.S., 50 in Utah, 20 in Washington County
- Some mosquito eggs can stay viable for more than 10 years in the ground under right conditions.
- Mosquitoes typically live from two to four weeks.
- Mosquito bites itch because of an allergic reaction to the mosquito saliva injected while biting to thin the blood.
- Some mosquitoes prefer to bite reptiles and amphibians rather than birds or mammals (including humans).
- Mosquitoes carry more human diseases than any other organism on earth and cause more human deaths than any other.
- Mosquitoes have been around more than 300 million years.

ELIMINATE MOSQUITO HABITATS

- Empty or cover anything outside that can hold water
- Filter permanent ponds regularly or put fish in them
- Keep pools chlorinated or drained completely
- Clean clogged rain gutters and storm drains regularly
- Manage irrigation water effectively
- Store old tires inside or cover them
- Report other mosquito breeding sites to the Southwest Mosquito District



SOUTHWEST MOSQUITO Abatement & Control District

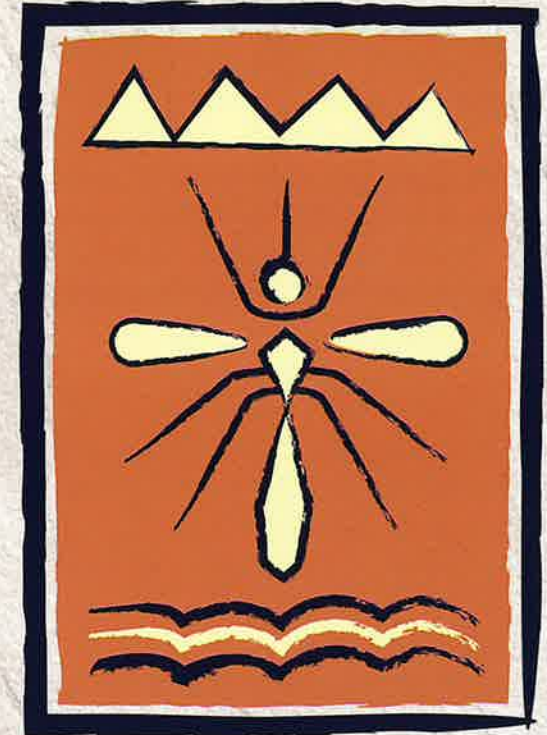
1460 South Sandhill Drive
Washington, Utah 84780
Office: 435-627-0076

*For more information or a service request,
please email us or consult our website:*

Email: info@swmosquito.org

swmosquito.org

SOUTHWEST MOSQUITO



ABATEMENT & CONTROL DISTRICT
SERVING WASHINGTON COUNTY, UTAH

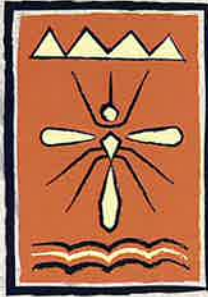


**WORKING TO PROTECT THE
PUBLIC FROM MOSQUITO
NUISANCE AND DISEASE**

swmosquito.org

WHO ARE WE?

Mosquitoes are a nuisance as well as potential carriers of deadly diseases. For these reasons, in 2002, SWMACD was approved as a special service district (SSD) of Washington County. The District is funded through property taxes (the cost is less than one can of repellent per year). The district is managed by a board of trustees consisting of representatives from each incorporated city in the County.



WHAT WE DO

SWMACD provides safe, effective, and economical mosquito control to improve the quality of life and protect the health of all citizens of the County.

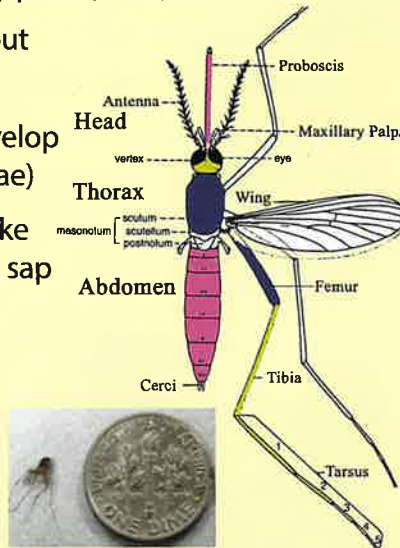
HOW WE DO THIS?

- Our main concern is the safety and protection of human and animal health.
- We conduct on-going surveillance for the West Nile virus (WNV) and other potential mosquito-borne diseases.
- We work with local, state, and national health institutions to track human and equine mosquito-borne infections.
- We conduct ongoing mosquito collections to determine areas to treat.
- We are committed to the protection of the environment.
- We use an Integrated Mosquito Management (IMM) plan to safely control each stage of the mosquito life cycle.
- We cooperate with other organizations, agencies, and individuals as necessary to fulfill our mission.
- We cooperate with landowners to minimize our impact on private lands.
- We are committed to educating the public through schools, organizations, and events.

ABOUT MOSQUITOES

Mosquitoes belong to the insect order called *Diptera*, meaning two-winged fly.

- Six legs and 3 body parts (head, thorax, abdomen)
- Body and legs about the size of a dime
- Need water to develop (eggs, larvae, pupae)
- Eat plant liquids like nectar, fruit juices, sap
- Are pests and can transmit deadly diseases
- **Only female mosquitoes bite**



MOSQUITO LIFE CYCLE

Mosquitoes need water for their development. The speed of development can take as long as a few months or as short as a few days depending on the environment, temperatures, and water conditions.

- 1 Eggs** are laid on or near standing water. Eggs can hatch within a few days after contact with water.
- 2 Larvae** eat bacteria and algae in the water. They go through 4 growth phases called "instars". They breathe at the surface of the water through a tube called a siphon.
- 3 Pupae** do not feed. They breathe through tubes from their head called "trumpets". They only move when they are disturbed.
- 4 Adults** emerge from the pupae within about five minutes and rest on the water surface until their wings are dry. Females will mate within their first few days, then search for a blood meal needed for egg development.

WEST NILE VIRUS

WNV is a viral infection carried in the blood of birds (the main reservoir of the virus) and then can be transferred by mosquitoes to humans and horses.

- West Nile was accidentally introduced into the U.S. in 1999 and detected first in New York City.
- By 2003 it had spread to almost every state with thousands of cases per year.
- Symptoms may include fever, headache, vomiting, and rash. Other more severe symptoms include neck stiffness, stupor, disorientation, tremor, coma, vision loss, paralysis, and even death.
- There is no specific treatment right now for humans but there is a reliable vaccine for horses.



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PROTECTING YOURSELF

- Avoid unnecessary outdoor activities when mosquitoes are active, such as at (1) **Dawn** and (2) **Dusk**.
- (3) **Dress** properly; Wear long-sleeved shirts pants when going into mosquito-infested areas.
- Apply an insect repellent that contains (4) **DEET** (up to 30%).
- (5) **Drain** standing water on your property where mosquitoes may breed.

