

**CITY OF LARAMIE**  
**PARKS & RECREATION DEPARTMENT**  
P.O. Box C  
Laramie, WY 82073

Parks Division: (307) 721-5264  
Fax (307) 721-5256  
Recreation Division: (307) 721-5269  
Fax: (307) 721-5284  
Facilities Mgmt Division: (307) 721-3585  
TDD (307) 721-5295

---

**PARKS, TREE & RECREATION ADVISORY BOARD  
AGENDA**

**MEETING DATE: January 13, 2016 TIME: 6:30 PM**  
**LOCATION: Recreation Center large conference room – 920 Boulder Drive**

**Consent Agenda:**

1. To approve the minutes from the December 9, 2015 regular meeting of the Parks, Tree and Recreation Advisory Board. (Harrison, pages 2-4)
2. To acknowledge receipt of the December 2015 Recreation Center membership reports. (color inserts, pages 70-75)
3. To approve the Adopt A Trail Along Greenbelt Park Agreement between the City and Berry Biodiversity Conservation Center for general cleanup of one-quarter mile section along the Laramie River Greenbelt Park. (Schott, pages 5-8)
4. To approve the Adopt A Trail Along Greenbelt Park Agreement between the City and Trihydro Corporation for general cleanup of one-quarter mile section along the Laramie River Greenbelt Park. (Schott, pages 9-13)

Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, that the consent agenda be approved and that each specific action on the consent agenda be approved as indicated within the staff reports. (Items listed on the consent agenda are considered to be routine and will be enacted by one motion in the form listed above. There will be no separate discussion of these items unless a Board Member or citizen so requests, in which case the item will be removed from the consent agenda to the regular agenda.)

**Regular Agenda:**

1. Presentation of the 2015 Mosquito Control annual report. (Schott, pages 14-37)
2. Consideration of Resolution AB2016-01 to approve and recommend the Mosquito Control Program Revisions for 2016 along with the associated fee increase. (Schott, pages 38-49)
3. Consideration of Resolution AB2016-02 to authorize the submittal of an application to the Office of State Lands and Investments, Wyoming State Forestry Division, Urban and Community Forest Cost-Share Grant for tree planting for the 2016 Community Service Day Project. (Schott, pages 50-54)

**Staff Reports FYI**

Parks Division staff report (pages 55-58)  
Recreation Division staff report (pages 59-66)  
Facilities Division staff report (page 67)  
FY2015/16 Capital Project list (pages 68-69)

**Other business:** Public Comments

**Special Meeting Date:** ACRB Grants Wednesday January 20, 2016 at 6:30 pm  
**Next Regular Meeting Date:** Wednesday, February 10, 2016 at 6:30 pm

**CITY OF LARAMIE  
PARKS, TREE & RECREATION ADVISORY BOARD  
December 9, 2015  
Minutes of Meeting**

**MEMBERS PRESENT:** Chris Dixon, Marius Favret, Dave Hammond, Jacque Stonum, Jamie Le Jambre (via tele-conference)

**MEMBERS NOT PRESENT:** Steve Ropp, Larry Foianini, Amy Williamson, Phyllis, Herdendorf

**COUNCIL LIASON:** Paul Weaver (not present)

**City Youth Council:** Rachel Huang and Caitlin Huang (not present)

**GUESTS:** Donna Dregos, Rafael Delgadillo, Blaise Grant, Janelle Krueger

**CITY STAFF PRESENT:** Paul Harrison, Parks & Recreation Director; Jodi Guerin, Recreation Manager; David Schott, Parks Manager; Inez Wildenborg, Administrative Assistant

The regular meeting was called to order by Madam Chair Stonum at 6:53 pm.

**Consent Agenda:**

1. To approve the minutes from the November 11, 2015 regular meeting of the Parks, Tree and Recreation Advisory Board. (Harrison, pages 3-5)
2. To acknowledge receipt of the November 2015 Recreation Center membership reports. (color inserts, pages 118-123)
3. To acknowledge receipt of the memorandum on raising the leisure pool water temperature. (Guerin, pages 6-11)
4. To approve the request from Laramie Special Olympics to practice in the 8-lane pool prior to the Wyoming Special Olympics State Swim meet, and to approve a 50% fee reduction for the use of the Recreation Center and Ice & Event Center for the 2016 summer games. (Guerin pages, 12-13)
5. To approve the Memorandum of Understanding between the City and Laramie Youth Baseball for the 2016 baseball season. (Guerin, pages 14-23)
6. To approve the Memorandum of Understanding between the City and Laramie Girls Softball Association for the 2016 softball season. (Guerin, pages 24-33)
7. To approve the Facility Use Agreement between the City and the Naughty Pines Derby Dames for the 2016 roller skating season. (Guerin, pages 34-43)
8. To accept the donation of \$500 from the Friends of Community Recreation and the Laura Jane Musser Fund for replacement equipment in the child care room at the City's Recreation Center. (Guerin, pages 44-45)
9. To acknowledge receipt of the Park Shelter Reservation and Open Container Permit report for 2015. (Schott, pages 46-52)
10. To approve the Adopt A Park Agreement between the City and WyoTech for general cleanup and assistance with landscaping of the three (3) center medians along Adams Street. (Schott, pages 53-56)
11. To approve the Tree City USA and Growth Award applications for 2015. (Schott, pages 57-61)
12. To approve the request for a room rental fee waiver from the Laramie Elks Club Lodge No. 582 for the Annual Elks Hoop Shoot, national free throw shooting contest for youth ages 8-13. (Guerin, pages 62-64)

Motion by Hammond, second by Favret, that the Consent Agenda be approved as indicated within the staff reports. Motion carried 5-0

**Regular Agenda:**

1. **Presentation of the revised Scout Park Master Plan Conceptual Design along with the Consideration of Resolution AB21 to approve and adopt the revised Scout Park Master Plan Conceptual Design. (Schott, pages 65-88)**

Schott presented a brief background on the conceptual plan for the Scout Park Development Project for discussion. The master plan for the park was originally approved by the Parks, Tree and Recreation

Advisory Board and City Council in 1997. Schott introduced consultant John Beggs from Russell + Mills Studios, who made a presentation on the revised Scout Park master plan and the preferred concept plan based upon the comments received from the two neighborhood meetings.

Motion by Favret, second by Hammond, that the Parks, Tree and Recreation Advisory Board approve Resolution AB21 recommending the adoption and approval of the revised Scout Park master plan conceptual design and forward to the City Council for their consideration. Hammond amended the motion to recommend that the property boundaries and all utility easements be identified within the master plan to assure there are no conflicts with the planned improvements, seconded by Favret. Amendment carried 5-0. Main motion as amended carried 5-0.

**2. Consideration of Resolution AB22 to authorize the submittal of an application to the Wyoming Department of State Parks and Cultural Resources for a 2016 Land and Water Conservation Fund grant for the further development of Scout Park.**

Schott presented a brief background on the development of Scout Park and stated that the City is continuing to phase the development of Scout Park. Phase 3 will include an in-park eight (8) foot wide path and playgrounds for the 2-5 year old age group and the 5-12 year old age group.

Motion by Dixon, second by Favret, that the Parks, Tree and Recreation Advisory Board approve Resolution AB22 authorizing the submittal of an application to the Wyoming Department of State Parks and Cultural Resources for a 2016 Land and Water Conservation Fund grant in an amount of \$125,000 for phase 3 improvements for the Scout Park Development Project and forward onto City Council for their consideration. Motion carried 5-0.

**3. Consideration of Resolution AB23 to amend the Shawver Tree Fund Use Policy to include residential rental properties.**

Schott presented a brief background on the Memorandum of Understanding (MOU) for the Shawver Tree Fund between the City and the Laramie Rotary Clubs. Schott stated that the MOU formalized an agreement between the City and Rotary to establish and manage the Shawver Tree Fund for the replacement of the older generation of cottonwoods on public property; help provide additional trees within public use areas such as community entrance corridors or along city travel-ways where more trees are needed to fill in or extend shade tree plans, pocket parks, and new parks; and offer trees through a cost-share program to private property owners where public benefit criteria can be met. The Shawver Tree Fund Use Policy approved by City Council on October 21, 2014 established the rules for the Fund use. Schott stated that within this policy, it defines, that in order to qualify for the cost share program, the property must be owner occupied. Shawver Tree Fund volunteer coordinator, Jerry Schmidt, has requested the original policy be revised to include rental properties to encourage expanded use of the Shawver Tree Fund.

Motion by Favret, second by Hammond, that the Parks, Tree, and Recreation Advisory Board approve Resolution AB23 to amend the Shawver Tree Fund Use Policy to include residential rental properties and forward onto City Council for their consideration. Motion carried 5-0.

**Staff Reports FYI:**

- Schott presented Parks Division staff updates to the Board.
- Guerin presented the Recreation Division staff report to the Board.

**New Business:**

- Harrison announced to the Board that Mr. Todd Feezer, Assistant Director of Parks and Recreation for the City of Cheyenne has accepted the position as the new Parks and Recreation Director for the City of Laramie.
- Harrison noted that he would be working with Todd for two months to make the transition a smooth one. Harrison also noted that his retirement date is scheduled for March 4, 2016.

- Harrison announced to the Board that Phyllis Herdendorf submitted her Letter of Resignation and that there will be four vacancies on the PT&R Board. Interviews TBD.
- Harrison stated that the staff is updating the Parks and Recreation Master Plan as requested by the Parks, Trails, and Recreation Ad Hoc Advisory Committee and will be available for review sometime after the first of the year.
- Harrison noted that the ACRB Grants are set to be discussed and prioritized with the PT&R Board on Wednesday, January 20, 2016. Time TBA.

**Meetings:**

- \*Next Regular Meeting Date: Wednesday, January 13, 2016 at 6:30pm
- \*Special Meeting Date: ACRB Grants Wednesday, January 20, 2016

**Public Comments:**

None

Meeting adjourned at 8:03 pm.

Respectfully Submitted,



Inez Wildenborg  
Administrative Assistant  
Parks and Recreation, City of Laramie

**PARKS, TREE & RECREATION ADVISORY BOARD REGULAR MEETING January 13, 2016**



**Agenda Item: Parks**

**Agreement**

**Title: Renewal of an Adopt A Trail Along the Greenbelt Park Agreement with Berry Biodiversity Conservation Center.**

**Recommended Board MOTION:**

I move that the Parks, Tree, and Recreation Advisory Board renew the Adopt A Trail Along the Greenbelt Park Agreement with Berry Biodiversity Conservation Center for general clean up of one-quarter mile section along the Laramie River Greenbelt in the amount of \$75.00 per year for a two year period, and request the City Manager to sign.

**Administrative or Policy Goal:**

2) The Board will encourage and support the development of open spaces, parklands, greenbelts, and setting aside land for future recreational use, and will annually review the Parks and Recreation Department's five year capital improvement plans.

10) The Board will review annually the condition and status of all City parks and support the enhancement of existing park amenities.

**Background:**

This Adopt A Trail Agreement with Berry Biodiversity Conservation Center is a renewal agreement for the Optimist Park north 1.0 – 1.25 section of the Laramie River Greenbelt Trail Park.

The agreement is for two years with a fee of \$75.00/year will be charged to Berry Biodiversity Conservation Center for trail signage. Berry Biodiversity Conservation Center is required to clean up the above referenced one-quarter mile section of the Laramie River Greenbelt Trail a minimum of twice per year.

The Laramie River Greenbelt Trail Park will benefit from Berry Biodiversity Conservation Center's contributions to maintaining a one-quarter mile section of the trail. This agreement may be terminated for cause if at any time Berry Biodiversity Conservation Center fails to perform in accordance with the terms of this agreement.

**Legal/Statutory Authority: N/A**

**BUDGET/FISCAL INFORMATION:**

**REVENUE**

Source	Amount	Type
Fees/Charges for Service	\$150.00	\$75.00/year annual fee for signage.
Grant		
Loan		
Other		
<b>Total</b>	<b>\$150.00</b>	

**Enc: Agreement, Exhibit A.**

**Responsible Staff: David Schott, Parks Manager, 721-5264, dschott@cityoflaramie.org**

**AGREEMENT WITH THE CITY OF LARAMIE, WYOMING TO  
ADOPT A TRAIL ALONG GREENBELT PARK**

This Agreement is made and entered into this 4<sup>th</sup> day of December, 2015 by and between the City of Laramie, Wyoming, a Municipal Corporation, ("City") whose address is 406 Iverson Street, Laramie, Wyoming 82070 and Berry Biodiversity Conservation Center ("Group"), whose address is Department 4304, 1000 E. University Avenue, Laramie, Wyoming 82071. In consideration of the promises herein mutually exchanged, and of the benefits to each party, the receipt and sufficiency of which are hereby acknowledged, the parties agree:

1. City agrees to allow Group to assist with maintenance of the trail along the Laramie River Greenbelt Park, located within City. Specifically, section 1.0 – 1.25 north.

2. City agrees to recognize Group as sponsoring the trail along the Laramie River Greenbelt Park with sign trail markers and at the Kiosk at the Optimist Park trailhead.

3. Group commits to support maintenance of section 1.0 – 1.25 north along the Laramie River Greenbelt Park.

4. Group agrees to obey all laws and regulations pertaining to the park, and relating to safety, and to obey all terms, conditions, and requirements of City from time to time as expressed by City Manager or City Manager's designee.

5. This agreement does not create an employer-employee or principal-agent relationship between City and Group or any member of Group or participant of Group.

6. Group and its individual members or participants agree to indemnify and hold harmless City, its officers, employees, and agents, from all liability, judgements, costs, expenses, and claims arising from any and all incidents occurring in connections with Group's activities while participating under this agreement whether for personal injury or property damage or both.

7. The parties do not intend to create in any other individual or entity the status of third party beneficiary, and this Agreement shall not be construed so as to create such status. The rights, duties and obligations contained in this Agreement shall operate only between the parties to this Agreement, and shall inure solely to the benefit of the parties to this Agreement. The provisions of this Agreement are intended only to assist the parties in determining and performing their obligations under this Agreement. The parties to this Agreement intend and expressly agree that only parties signatory to this Agreement shall have any legal or equitable right to seek to enforce this Agreement, to seek any remedy arising out of a party's performance or failure to perform any term or conditions of this Agreement, or to bring an action for the breach of this Agreement.

8. This Agreement may be terminated, without cause, by City upon thirty (30) days written notice. This Agreement may be terminated immediately for cause if Group fails to perform in accordance with the terms of this Agreement.

9. Group agrees to the following conditions:

A. Group agrees to pay City the amount of \$75.00 dollars per quarter mile of maintenance sponsorship, each year, for a two (2) year period.

B. Group, as a sponsor of maintenance, is not directly contracted for maintenance services, nor will Group be directly involved in decisions related to maintenance of the trail.

C. Group will be responsible to clean up all trash and debris and sweep and maintain the trail surface a minimum of two (2) times per calendar year.

D. Groups' contributions will sponsor normal wear and tear maintenance. Group will not be held responsible for any extenuating situations or extra maintenance.

**AGREEMENT WITH THE CITY OF LARAMIE, WYOMING TO  
ADOPT A TRAIL ALONG GREENBELT PARK**

10. City has provided Group a copy of the general conditions for adopt a park/greenbelt agreements, which is marked Exhibit A and attached hereto and incorporated as part of this Agreement.

11. The term of this Agreement is from the date hereof until the 09<sup>th</sup> day of February, 2018, subject to termination in Paragraph 8 herein.

12. This Agreement is not exclusive as to the park it affects. City may permit other groups to have projects within the same park at the same time.

13. City does not waive sovereign immunity by entering into this Contract and specifically retain immunity and all defenses available to them as sovereigns pursuant to Wyo. Stat. § 1-39-104(a) and all other state law.

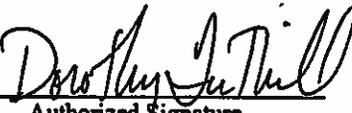
In witness whereof, the parties have read and understood it, and that they agree to be bound by the terms of the Agreement, that they have the authority to sign it. The effective date of this Agreement is the date and year first written above.

CITY OF LARAMIE, WYOMING

GROUP:

Berry Biodiversity Conservation Center

By: \_\_\_\_\_  
Janine Jordan, City Manager

By:   
Authorized Signature

**EXHIBIT A  
CITY OF LARAMIE, WYOMING  
GENERAL CONDITIONS – ADOPT A TRAIL ALONG GREENBELT PARK**

All work shall be accomplished in a workmanlike manner at the time when it is appropriate that the work be done. Work which produces noise shall be done between 8:00 a.m. and 7:00 p.m.

- A.** Group shall furnish all tools for its project. Each person who participates in a Group project is responsible to furnish appropriate personal equipment and clothing, for example gloves, sturdy footwear, hat sunglasses.
- B.** If Group furnishes participants in its project who are 17 years of age or less, Group shall furnish adult supervision of those participants at all times, with at least one adult for each five minors. The adult in charge is responsible for the safety of the minors.
- C.** Group shall not subcontract or assign its duties or responsibilities to any person or entity without the advance consent of City.
- D.** Group's projects and work shall be conducted without cost to City.
- E.** Group shall select one person to serve as contact with City. City is entitled to deal with that person as representative of Group for all purposes under this Agreement.
- F.** Members of Group shall not attempt to remove, dispose of, or handle any hazardous materials in the park, such as broken glass, needles, syringes, heavy objects, unknown liquids or solids, explosives, and animal carcasses. Group agrees to instruct each person who works in the park under its sponsorship that City should be notified each time hazardous materials are found. If any member of Group finds any hazardous materials while participating in a Group project in the park, Group shall at once notify City.
- G.** The plans and specifications for each Group project and the materials to be used and labor to be furnished must have been approved in advance by City Manager or the Manager's designee before the project begins. This paragraph does not apply to projects of routine maintenance.
- H.** Group understands that City may use insecticides and herbicides within the park, and agrees to have its members take suitable precautions when those substances are present. Group may call the Parks Department during business hours for information about what spraying City has done.
- I.** If Group's work includes plantings, Group shall work with City to determine responsibility for watering.

**AGREEMENT WITH THE CITY OF LARAMIE, WYOMING TO  
ADOPT A GREENBELT**

**PARKS, TREE & RECREATION ADVISORY BOARD REGULAR MEETING January 13, 2016**



**Agenda Item:** Parks

**Agreement**

**Title:** Renewal of an Adopt A Trail Along the Greenbelt Park Agreement with Trihydro Corporation.

**Recommended Board MOTION:**

I move that the Parks, Tree, and Recreation Advisory Board renew the Adopt A Trail Along the Greenbelt Park Agreement with Trihydro Corporation for general clean up of one-quarter mile section along the Laramie River Greenbelt in the amount of \$75.00 per year for a two year period, and request the City Manager to sign.

**Administrative or Policy Goal:**

2) The Board will encourage and support the development of open spaces, parklands, greenbelts, and setting aside land for future recreational use, and will annually review the Parks and Recreation Department's five year capital improvement plans.

10) The Board will review annually the condition and status of all City parks and support the enhancement of existing park amenities.

**Background:**

This Adopt A Trail Agreement with Trihydro Corporation is a renewal agreement for the Optimist Park SW 1.00 section of the Laramie River Greenbelt Trail Park.

The agreement is for two years with a fee of \$75.00/year will be charged to Trihydro Corporation for trail signage. Trihydro Corporation is required to clean up the section of the Laramie River Greenbelt Trail a minimum of twice per year.

The Laramie River Greenbelt Trail Park will benefit from Trihydro Corporation's contributions to maintaining a one-quarter mile section of the trail. This agreement may be terminated for cause if at any time Trihydro Corporation fails to perform in accordance with the terms of this agreement.

**Legal/Statutory Authority:** N/A

**BUDGET/FISCAL INFORMATION:**

**REVENUE**

Source	Amount	Type
Fees/Charges for Service	\$150.00	\$75.00/year annual fee for signage.
Grant		
Loan		
Other		
<b>Total</b>	<b>\$150.00</b>	

**Enc:** Agreement, Exhibit A.

**Responsible Staff:** David Schott, Parks Manager, 721-5264, dschott@cityoflaramie.org

**AGREEMENT WITH THE CITY OF LARAMIE, WYOMING TO  
ADOPT A TRAIL ALONG GREENBELT PARK**

This Agreement is made and entered into this 9th day of December, 2015 by and between the City of Laramie, Wyoming, a Municipal Corporation, ("City") whose address is 406 Iverson Street, Laramie, Wyoming 82070 and Trihydro Corporation ("Group"), whose address is 1252 Commerce Drive, Laramie, Wyoming 82072. In consideration of the promises herein mutually exchanged, and of the benefits to each party, the receipt and sufficiency of which are hereby acknowledged, the parties agree:

1. City agrees to allow Group to assist with maintenance of the trail along the Laramie River Greenbelt Park, located within City. Specifically, SW 1.00.

2. City agrees to recognize Group as sponsoring the trail along the Laramie River Greenbelt Park with sign trail markers and at the Kiosk at the Optimist Park trailhead.

3. Group commits to support maintenance of SW 1.00 along the Laramie River Greenbelt Park.

4. Group agrees to obey all laws and regulations pertaining to the park, and relating to safety, and to obey all terms, conditions, and requirements of City from time to time as expressed by City Manager or City Manager's designee.

5. This agreement does not create an employer-employee or principal-agent relationship between City and Group or any member of Group or participant of Group.

6. Group and its individual members or participants agree to indemnify and hold harmless City, its officers, employees, and agents, from all liability, judgements, costs, expenses, and claims arising from any and all incidents occurring in connections with Group's activities while participating under this agreement whether for personal injury or property damage or both.

7. The parties do not intend to create in any other individual or entity the status of third party beneficiary, and this Agreement shall not be construed so as to create such status. The rights, duties and obligations contained in this Agreement shall operate only between the parties to this Agreement, and shall inure solely to the benefit of the parties to this Agreement. The provisions of this Agreement are intended only to assist the parties in determining and performing their obligations under this Agreement. The parties to this Agreement intend and expressly agree that only parties signatory to this Agreement shall have any legal or equitable right to seek to enforce this Agreement, to seek any remedy arising out of a party's performance or failure to perform any term or conditions of this Agreement, or to bring an action for the breach of this Agreement.

8. This Agreement may be terminated, without cause, by City upon thirty (30) days written notice. This Agreement may be terminated immediately for cause if Group fails to perform in accordance with the terms of this Agreement.

**AGREEMENT WITH THE CITY OF LARAMIE, WYOMING TO  
ADOPT A TRAIL ALONG GREENBELT PARK**

9. Group agrees to the following conditions:

A. Group agrees to pay City the amount of \$75.00 dollars per quarter mile of maintenance sponsorship, each year, for a two (2) year period.

B. Group, as a sponsor of maintenance, is not directly contracted for maintenance services, nor will Group be directly involved in decisions related to maintenance of the trail.

C. Group will be responsible to clean up all trash and debris and sweep and maintain the trail surface a minimum of two (2) times per calendar year.

D. Groups' contributions will sponsor normal wear and tear maintenance. Group will not be held responsible for any extenuating situations or extra maintenance.

10. City has provided Group a copy of the general conditions for adopt a park/greenbelt agreements, which is marked Exhibit A and attached hereto and incorporated as part of this Agreement.

11. The term of this Agreement is from the date hereof until the 10<sup>th</sup> day of February, 2018, subject to termination in Paragraph 8 herein.

12. This Agreement is not exclusive as to the park it affects. City may permit other groups to have projects within the same park at the same time.

13. City does not waive sovereign immunity by entering into this Contract and specifically retain immunity and all defenses available to them as sovereigns pursuant to Wyo. Stat. § 1-39-104(a) and all other state law.

In witness whereof, the parties have read and understood it, and that they agree to be bound by the terms of the Agreement, that they have the authority to sign it. The effective date of this Agreement is the date and year first written above.

CITY OF LARAMIE, WYOMING

GROUP:

TRIHYDRO CORPORATION

By: \_\_\_\_\_  
Janine Jordan, City Manager

By: *Ruby A. Long*  
Authorized Signature

AGREEMENT WITH THE CITY OF LARAMIE, WYOMING TO  
ADOPT A TRAIL ALONG GREENBELT PARK



**EXHIBIT A  
CITY OF LARAMIE, WYOMING  
GENERAL CONDITIONS – ADOPT A TRAIL ALONG GREENBELT PARK**

All work shall be accomplished in a workmanlike manner at the time when it is appropriate that the work be done. Work which produces noise shall be done between 8:00 a.m. and 7:00 p.m.

- A.** Group shall furnish all tools for its project. Each person who participates in a Group project is responsible to furnish appropriate personal equipment and clothing, for example gloves, sturdy footwear, hat sunglasses.
- B.** If Group furnishes participants in its project who are 17 years of age or less, Group shall furnish adult supervision of those participants at all times, with at least one adult for each five minors. The adult in charge is responsible for the safety of the minors.
- C.** Group shall not subcontract or assign its duties or responsibilities to any person or entity without the advance consent of City.
- D.** Group's projects and work shall be conducted without cost to City.
- E.** Group shall select one person to serve as contact with City. City is entitled to deal with that person as representative of Group for all purposes under this Agreement.
- F.** Members of Group shall not attempt to remove, dispose of, or handle any hazardous materials in the park, such as broken glass, needles, syringes, heavy objects, unknown liquids or solids, explosives, and animal carcasses. Group agrees to instruct each person who works in the park under its sponsorship that City should be notified each time hazardous materials are found. If any member of Group finds any hazardous materials while participating in a Group project in the park, Group shall at once notify City.
- G.** The plans and specifications for each Group project and the materials to be used and labor to be furnished must have been approved in advance by City Manager or the Manager's designee before the project begins. This paragraph does not apply to projects of routine maintenance.
- H.** Group understands that City may use insecticides and herbicides within the park, and agrees to have its members take suitable precautions when those substances are present. Group may call the Parks Department during business hours for information about what spraying City has done.
- I.** If Group's work includes plantings, Group shall work with City to determine responsibility for watering.

**AGREEMENT WITH THE CITY OF LARAMIE, WYOMING TO  
ADOPT A GREENBELT**

**PARKS, TREE & RECREATION ADVISORY BOARD REGULAR MEETING January 13, 2016**



**Agenda Item: Parks**

**Presentation**

**Title: 2015 Mosquito Control Annual Report**

**Recommended Board MOTION:**

Presentation

**Administrative or Policy Goal:**

The Board will encourage and support continuing grants for Parks and Recreation programs and operations.

The Board will review annually the condition and status of all City parks and support the enhancement of existing park amenities.

**Background:**

PowerPoint Presentation

**Legal/Statutory Authority: N/A**

**BUDGET/FISCAL INFORMATION:**

**REVENUE**

Source	Amount	Type
Fees/Charges for Service	\$282,300.00	monthly fee of \$2.57
Grant	\$60,500.00	EIMG15
Agreement	\$30,000.00	Albany County Weed and Pest
Agreement	\$5,000.00	Albany County
<b>Total</b>	<b>\$377,800.00</b>	

**EXPENSE**

**Proposed Project Cost.**

Project	Amount	Funds
Project Cost	\$397,663.00	FY16 Mosquito Control Budget
Loans on Project		
Grants for Project		
Other/Outside Projects		
City's Amount	\$397,663.00	
Contingency		
<b>Total Amount</b>	<b>\$397,663.00</b>	

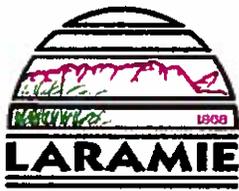
**Responsible Staff:**

David Schott, Parks Manager, 721-5264, dschott@cityoflaramie.org

Keith Wardlaw, Mosquito and Urban Forestry Supervisor, 721-5258, [kwardlaw@cityoflaramie.org](mailto:kwardlaw@cityoflaramie.org)



**Attachments: 2015 Annual Report  
PowerPoint Presentation**



**CITY OF LARAMIE**  
**Parks and Recreation**  
Mosquito control  
P.O. BOX C  
LARAMIE, WY 82073

Office (307) 721-5258  
Alternative (307) 721-5269  
FAX (307) 721-5284  
Hotline (307) 721-5056

## **2015 Mosquito Control Program Overview**

### **INTRODUCTION**

The Big Laramie and Little Laramie rivers flow unimpeded from the Snowy Range through a vast floodplain without any upstream storage systems. The lack of storage capability means that there is no way to detain or control seasonal flooding in our valley. It also means that local irrigators face a “use it or lose it” situation during the runoff season. They have no guarantee that water will be available at later dates in the summer to irrigate crops so the annual runoff is utilized to flood every available acre during the spring. This practice creates artificially high populations of floodwater mosquitoes. Land use in our control area is also restricted by elevation and a short growing season. Conditions at 7,200 ft. reduce the number of viable crops that can be produced. Native grasses make up the bulk of our agricultural products. This crop has a very small margin of profit and most of the hay produced is consumed by cattle in this region with some occasional export. This economic factor means that irrigators are not likely (or able financially) to invest in efficient irrigation systems that could evenly distribute water and alleviate the stagnant water created by flood irrigation. In light of these economic constraints, ranchers will continue to flood irrigate thousands of acres in the valley for the foreseeable future. This land use pattern repeats itself from owner to owner across the Laramie basin. The City of Laramie has negotiated with landowners and irrigators who control critical habitat in the immediate proximity to the City to assure access to these properties. In return for access and permission to control mosquitoes, the landowner receives free control services. Flood irrigation is the major producer of mosquitoes in the Laramie Valley. Many of these floodwater species have flight ranges that cover up to 20 miles.

### **FUNDING**

Fees that fund mosquito control are collected under Chapter 13.52, Section 13.52.010, ordinance number 1275 of the Laramie Municipal Code and rates are set by the City Council. The current fee is \$2.57 per household, per month. The user fee currently generates approximately \$282,300 of the \$397,663 budgeted for mosquito control. Additional funding is provided through intergovernmental revenue. The Albany County Weed and Pest Board approves funding to augment the city program in the amount of \$40,000 annually. The Albany County Commissioners have contributed \$5,000 under a MOU to fund a surveillance technician to aid in assessing samples from rural districts. Emergency Insect Management Grants funded by the Wyoming Dept. of Agriculture annually contribute additional funding that is earmarked specifically for West Nile virus (WNV) prevention. The grant amount for 2015 is \$60,500. City general funds make up the remainder of the mosquito Control budget.

## **INTEGRATED PEST MANAGEMENT**

The City of Laramie mosquito control program is an Integrated Pest Management Program (IPM), as recommended by the Center for Disease Control (CDC) and The Environmental Protection Agency (EPA). It considers many various forms of control and uses the most environmentally friendly methods of control available that will achieve the desired control outcomes. IPM programs use pesticides, but only after a systematic monitoring of pest populations indicates that there is a need. All mosquito control products used within the United States fall under EPA guidelines and are evaluated for safety by EPA before being registered for use. The City of Laramie has chosen its pesticides based on several factors including: environmental impacts, cost, effective use in our cool climate, and citizen sensitivities.

The Mosquito Control Supervisor is responsible for day to day operation of the program during the season including: hiring and training seasonal staff, maintaining chemical inventory, overseeing chemical applications, maintaining records of all applications, coordinating and supervising any contractual aerial applicators, scheduling full time and seasonal staff, maintaining vehicle fleet and specialty equipment, specifying and ordering new equipment, maintaining shop facilities, maintaining the citizen hotline for all city chemical applications, and other duties as assigned by the Parks Manager. The Mosquito Control Supervisor is licensed by The State of Wyoming for commercial application of Public Health Pesticides and trained and certified by CDC for surveillance of mosquito borne diseases. Mosquito control staff consists of one Crew Supervisor and twelve seasonal technicians.

## **LARVAL SURVEILLANCE AND CONTROL**

Larval surveillance and control work begins in April and continues throughout the summer. Larval control assesses approximately 70,000 acres of potential habitat in the Laramie River basin. Larviciding requires that technicians visit and survey each site to determine the number of larvae, and also the stage of development so that applications can be optimized. Currently over 2,000 breeding sites are cataloged for control in our area. Sites may be as small as a backyard fountain or as large as a 5,000-acre hay meadow. Most of these sites are outside the city limits and work goes unnoticed by citizens.

The larval control program uses mainly *Bacillus thuringiensis israelensis* (*Bti*) products. *Bti* is a bacterial biological control agent that kills mosquito larvae by disrupting their digestive system. It is specific to mosquitoes and black flies and has no toxicity to other aquatic life forms, making it a very environmentally friendly control method. *Bti* is the most cost effective method of control on irrigated areas where water is transient and few mosquito predators can live. *Bti* is applied in several forms to optimize control, depending on the habitat encountered. Liquid *Bti* is the most cost-effective form and can be applied from backpack sprayers, ATV Sprayers, truck mounted sprayers, or by aircraft over large open acreages. We utilize all of these methods depending on terrain and size of area to be treated.

*Bti* granules are used in some instances where tough brushy cover prohibits applying liquids directly to the water surface. These granules more readily penetrate the vegetative canopy and dissolve in water. *Bacillus sphaericus* (*Bs*) granules are also

utilized specifically for control of *Culex tarsalis* larvae. *Bs* is another bacterial biological control agent that controls mosquito larvae by disrupting the digestive system of the larvae. *Bs* has residual action that can control larvae for extended periods of time. This feature makes it more efficient in the mostly permanent water habitats that *Culex tarsalis* mosquitoes prefer. The granular form is utilized because the water is often high in organic material and difficult to access with liquids.

Other less used but important larval control methods include applications of larvicidal oil to control late fourth instar larvae and pupae. These stages of mosquito development are unaffected by *Bti* but can be controlled by using a surface film of biodegradable oil to suffocate the pre-emergent mosquitoes. Altosid briquettes are used to control larvae in areas where water sources are semi-permanent. Altosid is a synthetic hormone, which when placed in water, prevents mosquito larvae from completing normal development into biting adult mosquitoes.

Additionally, the program always looks for ways to eliminate mosquito-breeding habitat through education and cooperative ventures. In 2011-12 Mosquito Control initiated a project to eliminate an active breeding site within the City. The project used fill material to eliminate *Culex tarsalis* habitat in an abandoned basement.

### **ADULT MOSQUITO SURVEILLANCE AND CONTROL**

The City utilizes thirteen New Jersey light traps and eleven CDC miniature light traps in permanent locations distributed throughout the city and in rural areas to monitor adult mosquito numbers. Portable CDC light traps are also used to investigate complaint areas and to assess new locations. Trap contents are collected five days a week and counted to keep accurate and timely information on population numbers, mosquito species present, and treatment needs. Technicians monitor the number and species of mosquitoes in our area from late May until freezing conditions kill adult mosquitoes or drive them into hibernation. Daily counts evaluate the total number of mosquitoes and prevalence of vector species. Decisions on where and when to apply adult mosquito control chemicals are based on this analysis. *Culex tarsalis* mosquitoes are culled from all traps and pooled for WNV detection using the Rapid Analyte Measurement Platform (RAMP). Positive RAMP samples are confirmed with RT-PCR at the Wyoming State Vet Lab.

Adult control within the city limits is managed by applying permethrin based adulticide from Ultra Low Volume (ULV) fogging units mounted in up to 4 trucks. Permethrin based insecticides have a different mode of action than our larval control agent and our rural adult mosquito control agent to minimize the likelihood of developing resistance. We find this material to be very effective calibrated at 8 ounces per minute and 10 mph ground speed. This rate of application is one-half of the label maximum. Two trucks apply Permethrin to one third of the city on an average shift. The third truck makes applications to recreational facilities and the Laramie River Greenbelt as needed. In 2010 an additional fogger was acquired to provide service to our citizens living in the Casper Aquifer Protection Overlay. Zenivex, a reduced risk pesticide, has been selected for use in this environmentally sensitive area. "NO SPRAY" service is available at citizen request. 122 homes participated in 2015. Trap counts normally trigger fogging applications from late June through mid-August.

Rural areas adjacent to the city limits are treated with Dibrom when thresholds are reached. Flood irrigated hayfields and irrigated pastures make up most of this high level reproductive habitat. Rural application is targeted to reduce the risk of WNV infection by controlling peak adult numbers and may be triggered by detection of WNV in the mosquito population or high vector mosquito counts. Dibrom is applied at the ULV rate of 1/2 oz. per acre. The West Nile Virus Plan also has provisions for aerial application of Biomist 4+4 over the City limits in the event of a Level 5 WNV outbreak. Rural applications are often triggered by trap counts between late June and late July.

### **AREA OF OPERATION**

Our area of operation includes public and private lands within flight range of the town's center. See Attachment 2 (map) for boundary details. Efforts are maximized in the high mosquito production areas within those boundaries. Approximately 33,000 persons reside in the control area. Other nearby districts include: the Big Laramie Valley MCD to the southwest, the Little Laramie Valley MCD to the northwest, the Rock Creek MCD, and Town of Rock River in northern Albany County. Surveillance data including light trap collections from each of these districts have been gathered and analyzed through the City of Laramie Program in previous years to provide these districts with technical assistance including mosquito speciation and West Nile Virus detection with RAMP.

### **WEST NILE VIRUS**

The introduction of West Nile Virus (WNV) has forced us to consider mosquito control not only for relief from nuisance mosquitoes, but also for the prevention of disease for the general population. The Laramie Valley is home to over 20 species of mosquitoes, including a small but significant population of the mosquito *Culex tarsalis*, a carrier of WNV. This mostly rural mosquito prefers to feed on birds but will bite mammals as well, including horses and humans. Mosquito control personnel will actively search for and treat larval habitats, but we must also plan for the possibility of an outbreak of WNV, which would require adult mosquito control applications. Avian, Equine, Human or Mosquito samples that test positive for West Nile Virus, could be the triggering mechanism to initiate this action. The levels of acceptable numbers of vector mosquitoes which could transmit WNV are lower than the acceptable numbers of nuisance mosquitoes when setting thresholds.

WNV can be a serious disease, but some sensible precautions in addition to mosquito control efforts can reduce the risk. The best prevention methods include wearing long pants and shirts and using insect repellents with 20% to 30% DEET concentrations for adults and 10% for children. Avoid cool shady areas in the daytime where mosquitoes may rest and avoid activity outdoors from dusk to dawn when *Culex tarsalis* mosquitoes are most active. Keep window screens in good repair and drain any standing water around your home, or call mosquito control to check any standing water that cannot be drained. Keep mosquito harborage areas to a minimum by keeping lawns cut weekly, cut tall weeds and prune shrubs to reduce shady areas where mosquitoes may find shelter during warm sunny days. Those who are most at risk for serious health consequences from this virus are persons over the age of 65. Most

persons who are infected with this virus report no symptoms or mild flu like symptoms. Only a very few have serious illnesses associated with infection of WNV. WNV is especially hazardous to horses. Vaccination of horses is recommended, however the vaccine series takes up to 60 days to complete and the disease transmission season may begin before the vaccine is fully effective. Consult your veterinarian for further details.

# City of Laramie Mosquito Control



**Parks and Recreation Department**

**January 13, 2016**

# Mosquito Control 2015

- Early Season Activity
- Record flooding – effect on operation
- Larval surveillance and Control
- Adult surveillance and Control
- 2015 WNV activity
- Winter Projects

**May 20-21 City of Laramie Mosquito and UW Extension Entomology Sponsored the 5<sup>th</sup> annual Wyoming Mosquito Management Association mosquito control training.**



**28 New technicians trained**

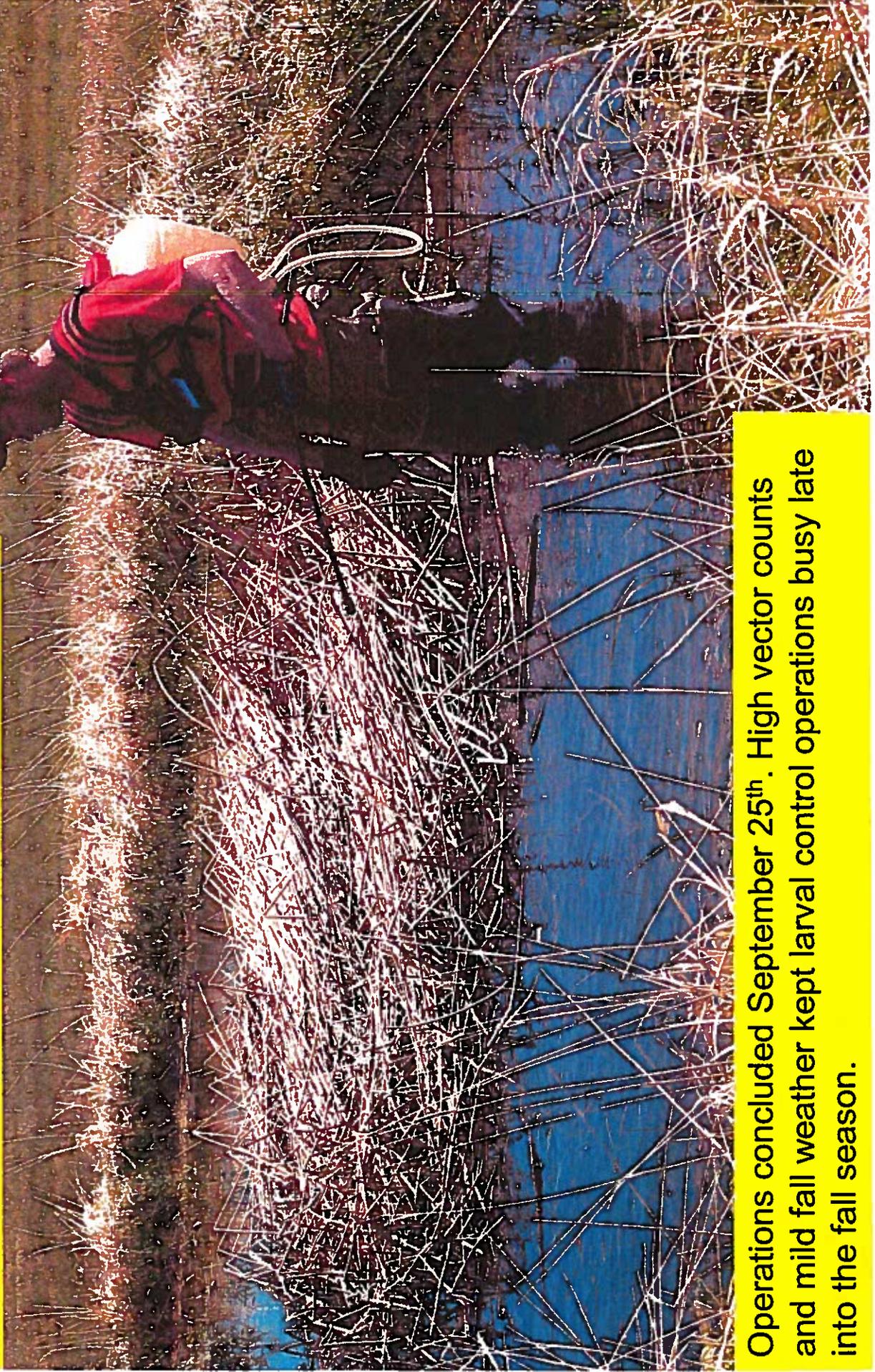
The Big Laramie River was above “ Action Stage “  
for over 12 weeks during the season.



Moving water created serious access and safety issues  
for larval control operations and flooded one adult  
surveillance trapping site during this time frame

## Larval Control:

Control operations began in April with the first applications of BTI made on April 15.



Operations concluded September 25<sup>th</sup>. High vector counts and mild fall weather kept larval control operations busy late into the fall season.

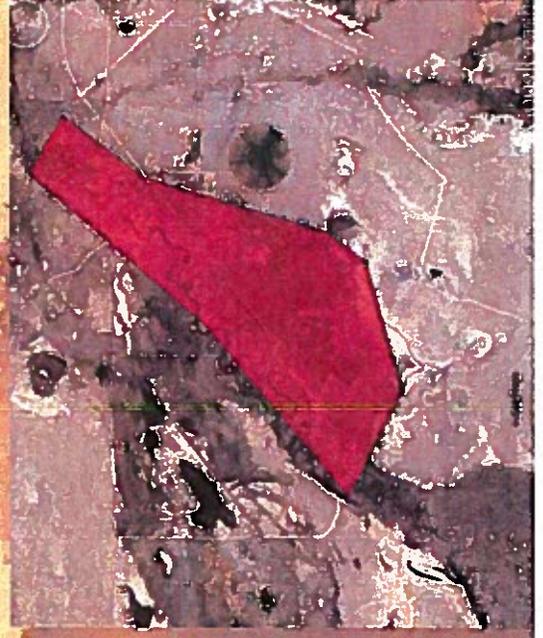
Technicians made over 500 site visits during the season and made treatments as needed



Contracted Aerial work to Vector Disease Control  
International

## Larval Aerial Application With Bti:

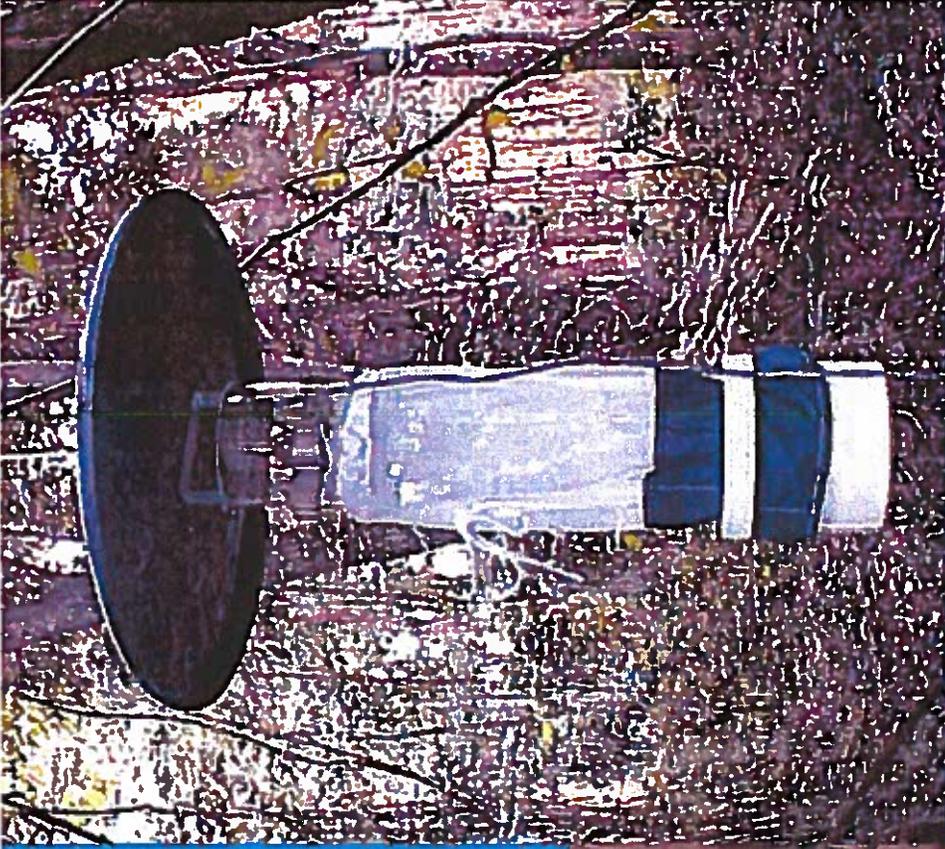
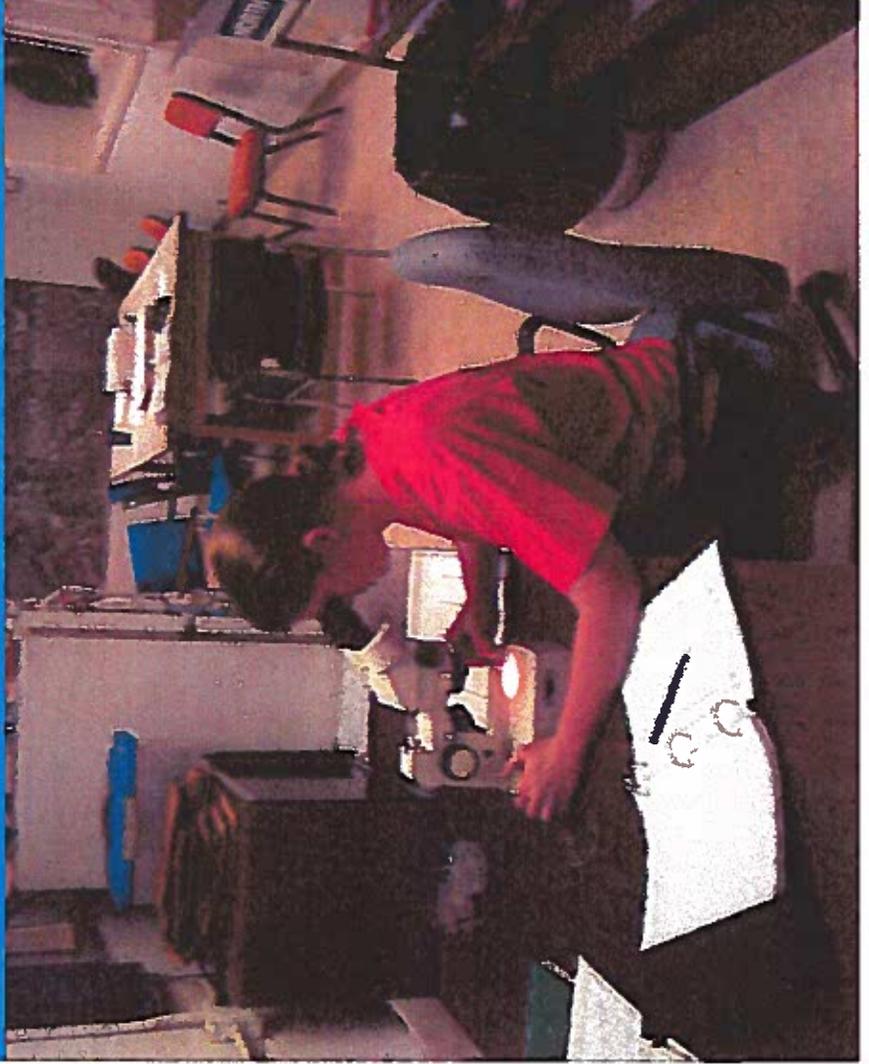
June 3rd - 4th - 4,400 acres



# Adult Surveillance

Adult mosquito trapping began on May 23

Last samples collected September 28

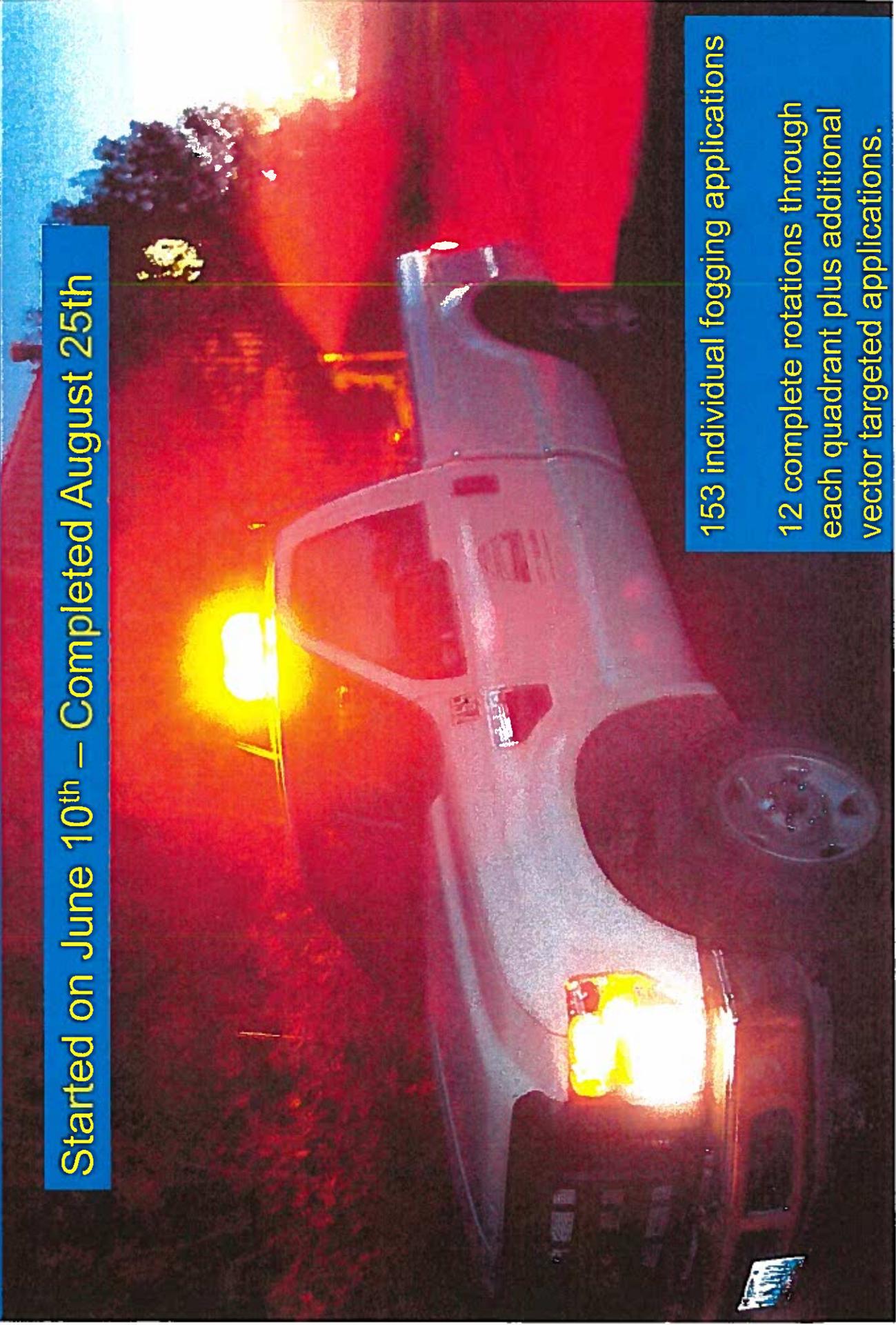


Crews collected, sexed, and speciated 2,560 total samples.

212,791 mosquitoes were inventoried.

# Adult mosquito control Fogging with Permanone RTU (Permethrin)

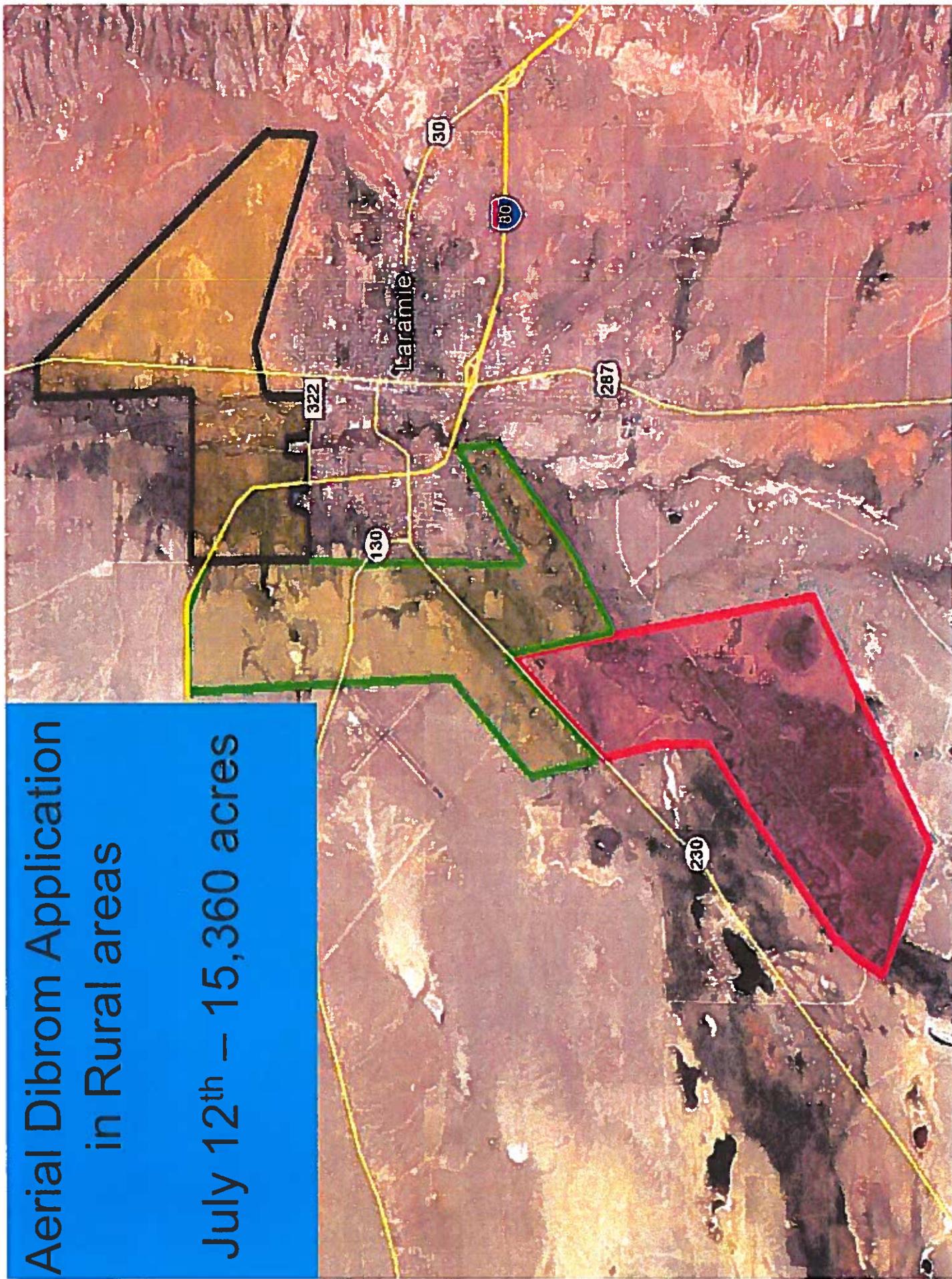
Started on June 10<sup>th</sup> – Completed August 25<sup>th</sup>



153 individual fogging applications  
12 complete rotations through each quadrant plus additional vector targeted applications.

# Aerial Dibrom Application in Rural areas

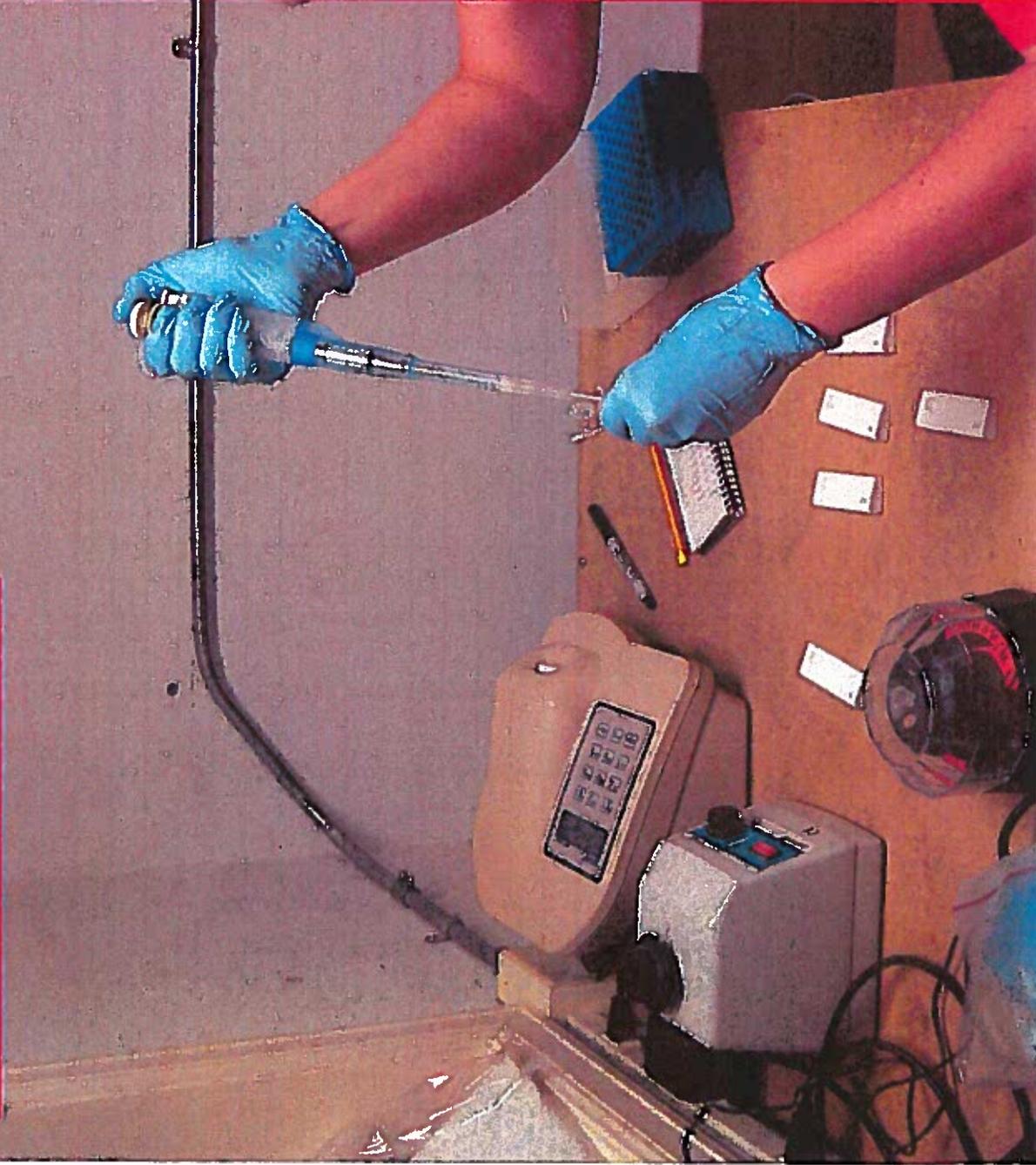
July 12<sup>th</sup> – 15,360 acres



## RAMP Testing for West Nile Virus

Technicians  
Tested 122  
mosquito  
pools and 2  
crows during  
the season.

1 mosquito  
pool was  
positive for  
WNV in tests  
conducted  
August 6<sup>th</sup>.

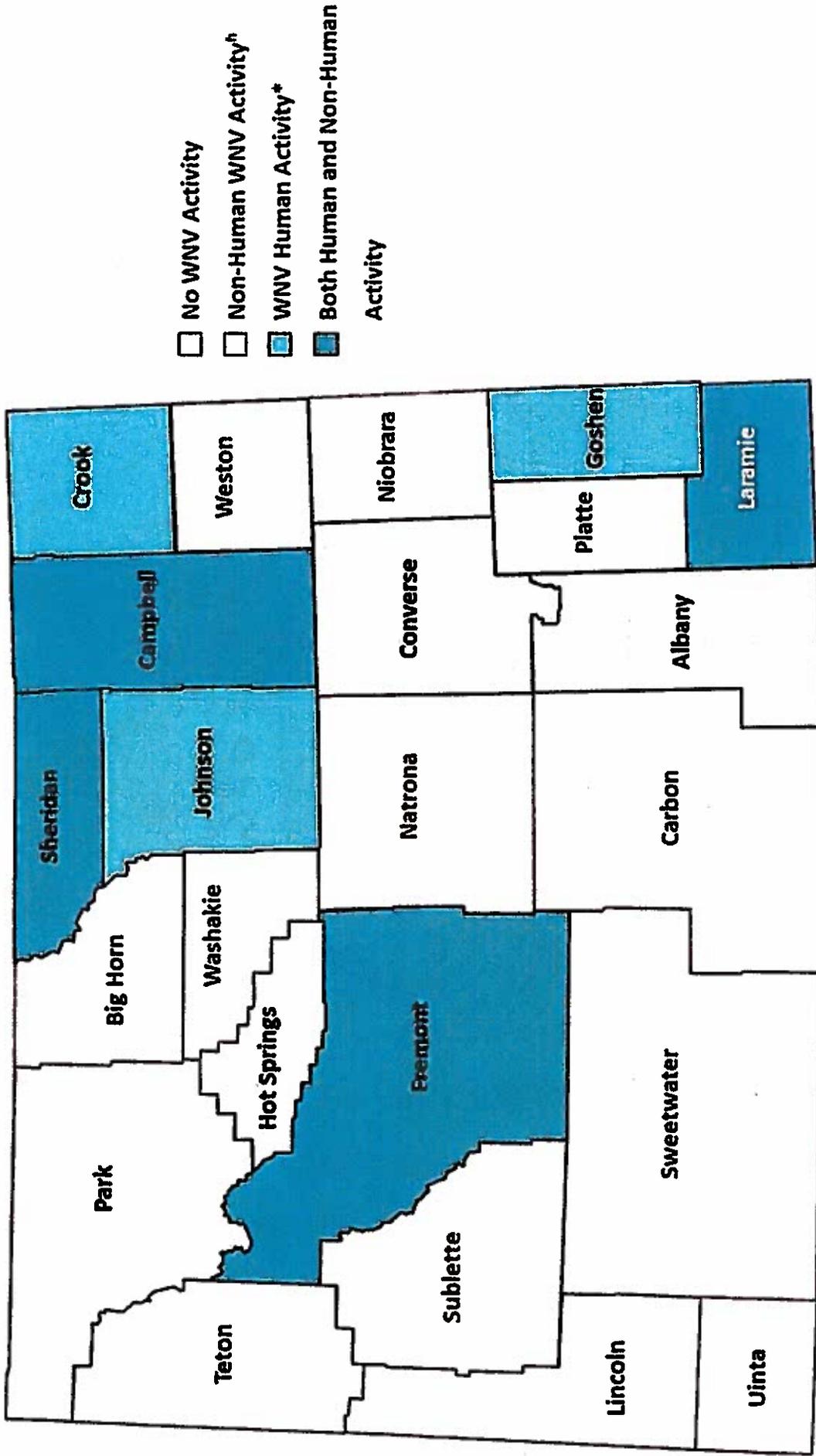


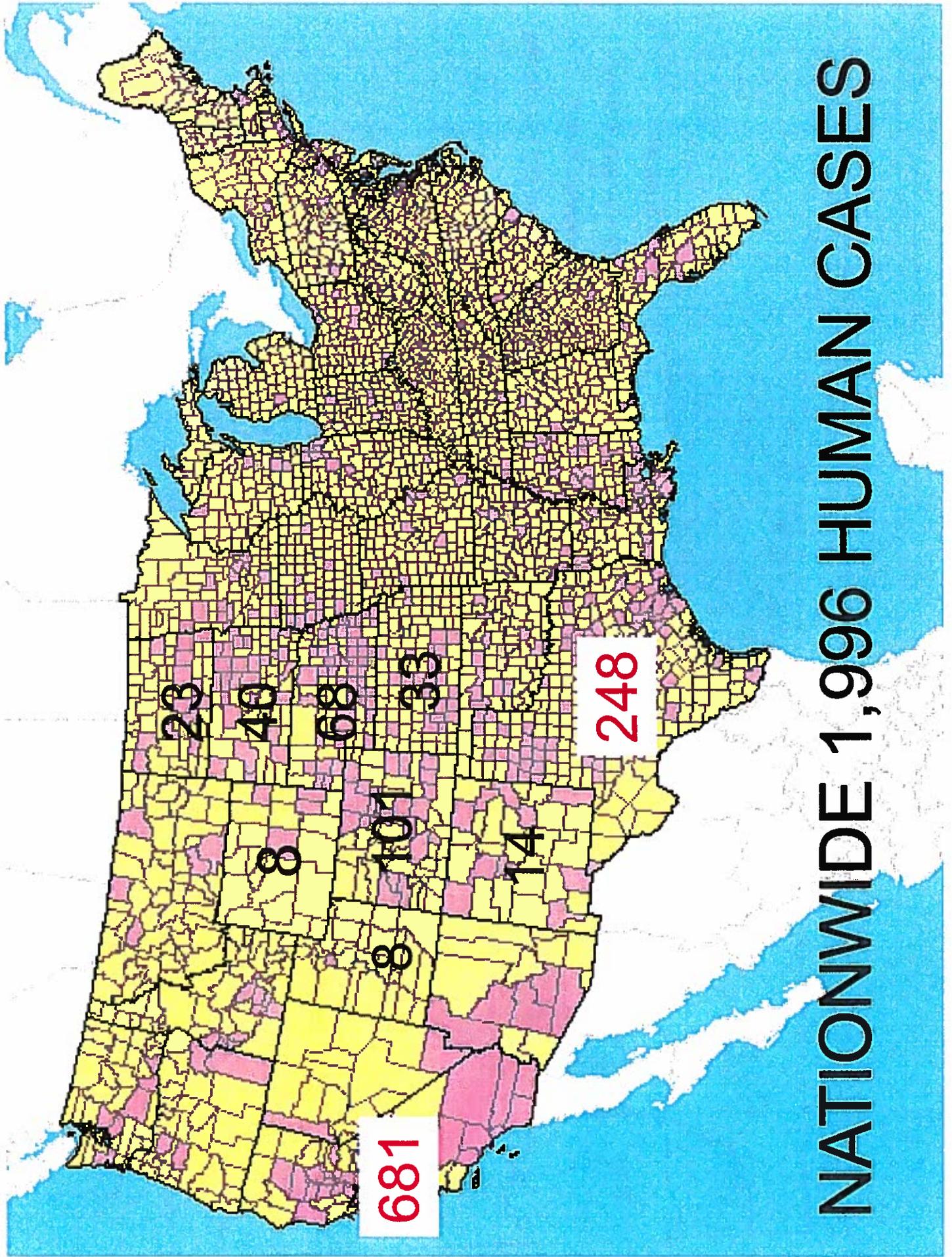
Wyoming WNV Surveillance Summary, 2015

County Specific Descriptive Statistics

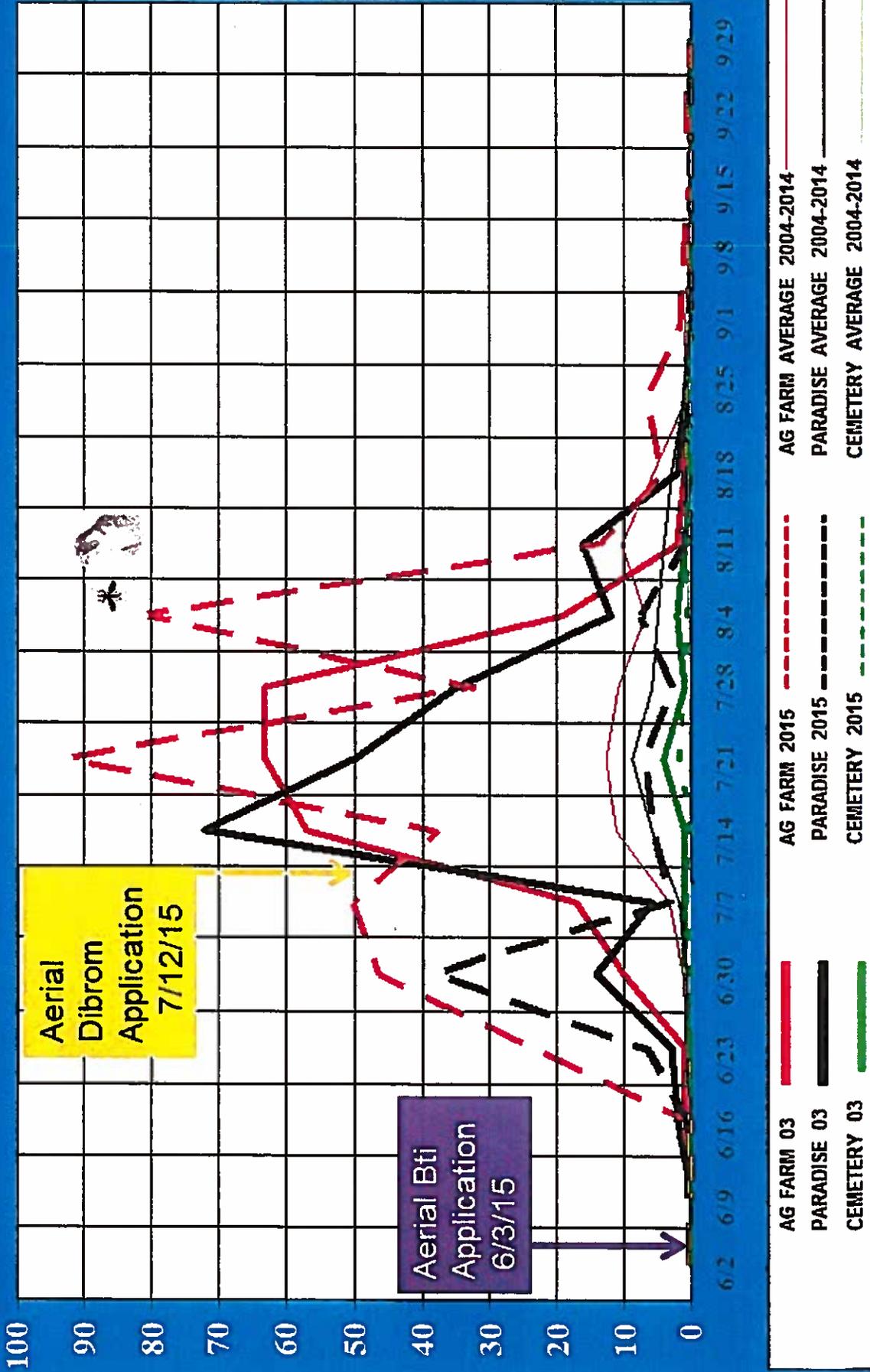
Table 4. West Nile Virus (WNV) activity by county in Wyoming, 2015. Presumptive viremic donor (PVD) is a person whom tested positive for West Nile Virus upon blood donor screening. PVDs are usually asymptomatic, are not included in human case counts, and are another indication of virus activity in an area. Counties not listed did not report West Nile Virus Infections or surveillance activities.

County	Human			Presumptive			Positive		
	Human Fever Cases	Neuroinvasive Disease Cases	Human Case Fatality	Viremic Donors	Avian Cases	Equine Cases	Mosquito Pools	Mosquito Pools Tested	Mosquito Pools Tested
Albany	0	0	0	0	1	0	1	122	
Campbell	1	0	0	0	1	1			
Converse	0	0	0	0	0	1			
Crook	0	1	0	0	0	0			
Fremont	1	0	0	0	0	0	3	75	
Goshen	2	0	0	0	0	0	0	25	
Hot Springs	0	0	0	0	0	0	1	31	
Johnson	0	1	0	0	0	0			
Laramie	0	1	0	0	0	1			
Natrona	0	0	0	0	0	0	0	8	
Park	0	0	0	0	1	1			
Sheridan	1	0	0	0	1	0			
Teton	0	0	0	0	0	0	0	103	
Uinta	0	0	0	0	0	0	0	97	
<b>TOTAL</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>461</b>	





# 2003 - 2015 Vector Mosquitoes in 3 Traps



# Winter Projects

2015 WYPDES Reporting

Update West Nile Prevention Plan

2015 EIMG Grant Reporting / 2016 EIMG Grant application

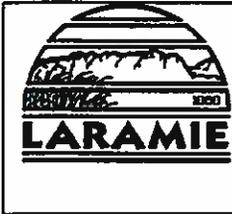
2016 Mosquito pesticide bids

ATV Replacement bids

2016 Plan for Mosquito Control Operations and Chemical use

Questions?





Agenda Item: Parks

Resolution

Title: A Resolution in support of a revised mosquito control program to retain efficacy and increase environmental friendliness.

**Recommended Board MOTION:**

I move that the Parks, Tree and Recreation Advisory Board approve Resolution 2016-AB-01 in support of a revised Mosquito Control Program to retain efficacy on treated acres and increase environmental friendliness and forward onto City Council for their consideration.

---

**Administrative or Policy Goal:**

The Board will encourage and support continuing grants for Parks and Recreation programs and operations.

The Board will review annually the condition and status of all City parks and support the enhancement of existing park amenities.

---

**Background:**

At the September 9, 2015 Parks, Tree and Recreation Advisory Board meeting, staff was directed to prepare multiple options for the Mosquito Control Program and potential outcomes. To this end, staff prepared eight (8) general options for consideration by the Parks, Tree and Recreation Advisory Board with public input on October 14, 2015. The intent was to gather feedback from the public and the Parks, Tree and Recreation Advisory Board on these options and narrow the field of eight (8) options to three (3) for staff to prepare estimate specifics on costs, efficacy and details on what the program would look like with each option for consideration by Council.

On November 10, 2015 Council held a work session to discuss three potential options that were selected from a group of eight options recommended by the Parks, Tree, and Recreation Advisory Board. Council members debated the presented options and directed staff to develop a program that is more environmentally friendly than our current program without sacrificing our current efficacy on treated acres, along with the associated fee increase for their consideration. The staff has prepared the following revised mosquito control program.

**The alternative program** is estimated at approximately 95% efficacy on treated acres (same as current program).

- **The alternative program** would consist of ground based larval BTi applications and between one and seven (1-7) aerial larval treatments. Two of those treatments would be made using granular larvicides. The current program utilizes ground based larval applications and one (1) aerial larval application.
- **The alternative program** would consist of ground based fogging in town using a reduced risk insecticide one or more aerial treatments outside the City limits with an organophosphate pesticide.

The details of the alternative program are as follows:

- **Ground based larval mosquito control:** Ground based larval control utilizing hand application equipment and ATV units would remain at the current level. This component provides larval control in urban areas and on smaller rural acreages. This program component will also continue to provide the mobility to accomplish surveillance for aerial operations and spot treatments in rural areas. No change in the current program is anticipated in this area. **This program component remains budget neutral.**
- **Aerial BTi larval control liquid:** The acres controlled with liquid larval aerial applications would increase in this plan from the current 3,790 acres annually to a maximum of 10,000 acres treated at optimum intervals to maximize efficacy. Aerial larval control with liquid Bti currently costs \$9.70 per acre. The current cost for the aerial BTi averages \$36,800. **An increase in BTi larval acres from 3,790 to 10,000 would require an additional \$60,250 annually.**
- **Aerial larval control granular BTi:** Granular aerial larvicide applications are more expensive than liquid applications because of multiple factors including: the specialized application equipment, narrow swath width, and cost of the granular products. The estimated cost for the contractor to perform the application is \$8.00 per acre. The larval control product is estimated to cost \$18.00 per acre, for a total cost per acre of \$26.00. Current equipment and staffing levels are appropriate to handle loading granular larvicides, and no change in the normal operations or schedule is anticipated. **Treatment of 3,000 acres with granular larvicide would require an additional \$78,000 annually.**
- **Ground based adult control (fogging):** The ground based adult control fogging operations would be altered to utilize Zenivex as the control agent replacing the current combination of Permethrin and Pipronyl butoxide (PBO.) Zenivex uses the active ingredient Etofenprox and is a member of the pyrethroid family but requires no Pipronyl Butoxide as a synergist to help the insecticide perform its function. Zenivex is currently in use in our program as the adult control agent used in the Casper Aquifer Protection Overlay area. Zenivex is recognized by the Environmental Protection Agency as a "Reduced Risk Pesticide." **Replacement of the Permethrin + PBO with Zenivex would require an additional \$46,400 annually.**
- **Aerial Adult control:** The aerial adult control would remain at the current level. It should be noted that in order to maintain efficacy of approximately 95% on acres treated, the potential application of organophosphate pesticide is essential. Currently, aerial application with Dibrom costs \$0.82 per acre for contractor application and 0.70 per acre for chemical for a total cost of \$1.52 per acre. Historically 15,360 acres are treated at a cost of \$23,350. **This component remains budget neutral.**

No change  
no additional  
cost to the  
program

Additional  
Aerial Larval  
treatments  
  
An additional  
\$60,250

New: Aerial  
Granular  
Larval  
Treatments  
  
An additional  
\$78,000

New: Reduced  
Risk Adult  
Control Fogging  
Product  
  
An additional  
\$46,000

No Change  
no additional cost  
to the program

- **Contingency / Emergency Operations Fund**: This additional option would be utilized to allow and permit immediate response to unforeseen conditions such as: late season adult vector control; impending West Nile Virus outbreak; severe flooding producing excess mosquito habitat; immediate need of additional provisional staff to mitigate conditions; etc... **Addition of a Contingency / Emergency Fund would require an additional \$25,000 annually.**

Contingency/  
Emergency Fund

An additional  
\$25,000

**The alternative program would require a total expense budget of \$634,250 to incorporate the more environmentally friendly control agents and application methods.**

At the direction of Council, the Mosquito Control expense operations are to be wholly supported and offset with cooperative agreements, grant revenue, and utility account fees. With this being the case, to support the alternative program options the following revenue streams are required to support the operational expense.

Utility account fee at \$4.89 per month based upon 9,100 accounts:	\$533,988
Cooperative Agreement with Albany County Weed and Pest:	\$ 40,000
Emergency Insect management Grant for WNV prevention:	<u>\$ 60,000</u>
<b>Total Mosquito Control program revenue:</b>	<b>\$633,988</b>

This would require a monthly fee of \$4.89 based on 9,100 households. The current monthly mosquito control fee is \$2.57. To fund the alternative program with more environmentally friendly pesticides while maintaining the current program efficacy, would result in a 90% increase in the monthly mosquito control fee.

Formulating the budget for this alternative program assumes the continued availability of grant funding to the City through the Wyoming Department of Agriculture; Emergency Insect Management Grant program. This program is currently supported in Governor Mead’s preliminary state budget but has not been approved by the full legislature. If this program is not renewed, the City would need to make up approximately \$60,000 annually in funds directly related to the prevention of West Nile virus. This would result in an additional fee of \$0.55 per user, per month.

With any IPM based program, timing of applications is critical to control the pest. Surveillance operations are necessary to determine what stage the pest is currently in, and when, and what method will give the best control. Occasionally no control is warranted based on the stage of development and abundance of the pest. Access to additional resources does not necessarily mean that these resources will all be used in any single season, but it does give the program the operational tools to provide control based on best science. Each individual application is evaluated to determine if it is needed to reach the stated goals of the program.

Over the last 25 years of operation, this program has used organophosphate insecticides to control adult mosquitoes in each season. Staff has evaluated other options and control methods and determined that the same level of control cannot be achieved without the use of these products.

**Legal/Statutory Authority:** Chapter 13.52, Section 13.52.010 of the Laramie Municipal Code

**Responsible Staff:** Paul Harrison, Parks and Recreation Director at 721-5260, pharrison@cityoflaramie.org  
David Schott, Parks Manager, 721-5264, dschott@cityoflaramie.org

Attachments: Resolution 2016-AB-01  
Staff Memorandum

**RESOLUTION 2016-AB-01**

**A RESOLUTION IN SUPPORT OF A REVISED MOSQUITO CONTROL PROGRAM TO RETAIN EFFICACY ON TREATED AREAS AND INCREASE ENVIRONMENTAL FRIENDLINESS**

**WHEREAS**, at the September 9, 2015 Parks, Tree and Recreation Advisory Board meeting, staff was directed to prepare multiple options for the Mosquito Control Program and potential outcomes; and

**WHEREAS**, at the October 14, 2015 Parks, Tree and Recreation Advisory Board meeting staff presented eight (8) general options for consideration by the Parks, Tree and Recreation Advisory Board with public input and narrow the field of eight (8) options to three (3); and

**WHEREAS**, on November 10, 2015 Laramie City Council held a work session to evaluate three potential options that were selected; and

**WHEREAS**, the Laramie City Council directed staff to revised the current mosquito control program to retain efficacy and increase environmental friendliness; and

**WHEREAS**, the revised program will require an annual budget of \$634,250 or an increase in the monthly fee from the current fee of \$2.57 to \$4.89 per month.

**NOW THEREFORE, THE PARKS, TREE AND RECREATION ADVISORY BOARD OF LARAMIE, WYOMING RESOLVES:**

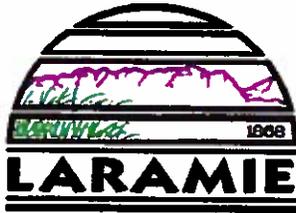
**Section 1:** That the foregoing recitals are incorporated in and made a part of this resolution by this reference.

**Section 2:** That the Parks, Tree and Recreation Advisory Board does hereby support Resolution 2016-AB-01 to modify the current Mosquito Control Program to retain efficacy and increase environmental friendliness.

**PASSED, APPROVED AND ADOPTED** this 13<sup>th</sup> day of January 2016.

**BY:** \_\_\_\_\_  
Jacque Stonum, Advisory Board Chair

**ATTEST:** \_\_\_\_\_  
Inez Wildenborg, Parks and Recreation Administrative Assistant



**CITY OF LARAMIE**  
**PARKS & RECREATION DEPARTMENT**  
P.O. Box C  
Laramie, WY 82073

Parks Division: (307) 721-5264  
Fax (307) 721-5256  
Recreation Division: (307) 721-5269  
Fax: (307) 721-5284  
Facilities Mgmt Division: (307) 721-3585  
TDD (307) 721-5295

## MEMORANDUM

To: David Schott, Parks Manger  
From: Keith Wardlaw, Mosquito Control Crew Supervisor  
Re: Research of Mosquito Control Program Options  
CC: Paul Harrison, Todd Feezer

On November 10<sup>th</sup>, 2015 Laramie City Council held a work session to evaluate three potential options that were selected from a group of eight options developed for the Parks, Tree, and Recreation Advisory Board. These three options had been recommended by the Advisory Board as potential alternatives to the current program. Council members debated the presented options and directed Mosquito Control staff to develop a program that is more environmentally friendly than our current program without sacrificing our current efficacy on treated acres.

City of Laramie is currently under contract with Vector Disease Control International (VDCI) for aerial application services for the upcoming 2016 season. The city is also in the middle of a 2 year budget cycle. If Council chooses to authorize changes in the program for 2016, VDCI has expressed an interest in negotiating to provide any new services that are not currently included in the contract terms. Addition of new control agents and application techniques into the program would require Council to amend City Ordinance 13.52.010 changing the monthly Mosquito Control fee to offset additional costs.

### Current Program

- *The current program has an adopted budget of \$397,663.*
  - *The larval control program consists of both ground applications and one (1) aerial larval treatment.*
  - *The adult control program consists of adult fogging in town and one (1) aerial treatment outside the city limits with an organophosphate pesticide.*
  - *Attachment 1 details the current program*
- The outcome is estimated at approximately 95% efficacy on treated acres*

This program has been the operational scenario for the past 4 seasons. This structure was developed by staff in 2012 in response to the increased costs that were associated with acquiring new aerial application services due to EPA regulations that required permitting for pesticide discharges under the Wyoming Pollutant Discharge Elimination System (WYPDES). Aerial applications for both adult and larval mosquitoes were restricted to a single application per season to remain within the available budget. Previously as many as 5 larval aerial applications and 3 adult aerial applications had been utilized to target mosquitoes as threshold limits were reached.

The current structure has produced marginal results with a gap in control between aerial larval operations in June and the peak of adult mosquito abundance in Mid- July. During this month long period, rural adult mosquitoes reach extremely high population numbers and reproduce readily, depositing eggs to continue the cycle for the next season. These mosquitoes also migrate easily into the City producing an abundance of aggressively biting floodwater mosquitoes in residential areas which require an elevated level of ground based fogging to achieve acceptable control. The current budget has limited the larval aerial program to a single application that has been utilized to control larvae on the most productive habitat at the time of greatest abundance and at the greatest vulnerability of the larvae to the control agent. The timing of the larval control aerial application generally falls in early June, treating an average of 3,790 acres. The average cost over the past 3 years for this single aerial application is \$36,763.00.

The single adult control aerial application is timed to coincide with the first hatch of vector mosquitoes. This timing is necessary in order to utilize grant funding provided by Wyoming Department of Agriculture through the Emergency Insect Management Grant Program for control of West Nile virus. Organophosphate insecticides have been chosen for application in rural areas abutting the City due to the efficacy and economy of these products. Organophosphate insecticides have also been chosen to reduce the risk of building insecticide resistance in our mosquito populations. The timing for the adult control aerial application generally falls in early July, treating 15,360 acres. The average cost over the past 3 years for this single aerial application is \$23,347.00.

### **Alternative Program**

- *The alternative program would require a budget of \$582,313 to incorporate new control agents and application methods. This would mean a monthly fee of \$4.91 based on 9,200 households.*
  - *The larval control program consists of both ground applications and between one and seven (1-7) aerial larval treatments. Two of those treatments could be made using granular larvicides.*
  - *The adult control program consists of adult fogging in town and one (1) aerial treatments outside the city limits with an organophosphate pesticide.*
- The outcome is estimated at approximately 95% efficacy on treated acres.*

### **LARVAL CONTROL**

**Ground based larval mosquito control** utilizing hand application equipment and ATV units would remain at the current level. This component provides larval control in urban areas and on smaller rural acreages. This program component will also continue to provide the mobility to accomplish surveillance for aerial operations and spot treatments in rural areas. No change in the current program is anticipated in this area. **(This component remains Budget Neutral)**

**Aerial larval control** operations would be modified to allow multiple targeted applications to specific areas at the time of optimum control for each zone. As an example: The largest tract of floodwater mosquito habitat treated by Mosquito Control is the Monolith Ranch, which is also owned by the City of Laramie. This parcel has senior water rights on the Big Laramie River and is often flooded throughout the summer season. Multiple applications may be needed to control floodwater mosquitos in this area as different mosquito species hatch at different times, and some will produce multiple generations during a single season. Other rural parcels in this same low lying geographic area serviced by the Dowlin ditch may also require a series of treatments.

Parcels serviced by the Pioneer Canal tend to have a more elevation change across the fields. This geography produces some downhill motion and drainage of the fields over time. The fields tend to produce floodwater mosquitoes during the early season and vector mosquitoes later at the margins where the water collects in low areas. This area could be treated once for floodwater mosquitoes with liquid Bti and may need an additional treatment later when vector mosquitoes inhabit tail water ponds.

Parcels serviced by the North Canal tend to be irrigated later in the summer season and few would require aerial application for floodwater mosquitoes. Several parcels irrigated by the North Canal do produce excellent habitat for vector mosquitoes. Since crop damage is more likely when using ATVs as a treatment platform in the later season, these parcels would be candidates for granular aerial applications when vegetation growth prohibits use of liquid Bti.

The acres controlled with liquid larval aerial applications would increase in this plan from the current 3,790 acres annually to a maximum of 10,000 acres treated at optimum intervals to maximize efficacy. Aerial Larval control with liquid Bti currently costs \$9.70 per acre. **An increase in larval acres from 3,790 to 10,000 would require an additional \$60,250.00 annually.**

The areas that will likely require aerial application of granular larvicide are limited in acreage. Staff has estimated that one or two applications annually with granular larvicides would be needed depending on the environmental conditions and length of the irrigation season. Each application would control larvae on 1,000 to 1,500 acres. The maximum total acres treated would be 3,000 acres. Granular aerial larvicide

applications are more expensive than liquid applications because of multiple factors including: the specialized application equipment, narrow swath width, and cost of the granular products. The estimated cost for the contractor to perform the application is \$8.00 per acre. The larval control product is estimated to cost \$18.00 per acre, for a total cost per acre of \$26.00. Current equipment and staffing levels are appropriate to handle loading granular larvicides, and no change in the normal operations or schedule is anticipated. **Treatment of 3000 acres with granular larvicide would require an additional \$78,000.00.**

### **ADULT CONTROL**

**Ground based adult control (fogging) operations would be altered to utilize Zenivex as the control agent replacing the current combination of Permethrin and Pipronyl butoxide (PBO.) Zenivex uses the active ingredient Etofenprox and is a member of the pyrethroid family but requires no Pipronyl Butoxide as a synergist to help the insecticide perform its function. Zenivex is currently in use in our program as the adult control agent used in the Casper Aquifer Protection Overlay. Zenivex is recognized by the Environmental Protection Agency as a "Reduced Risk Pesticide" (See attachment 4 for details). Ground based fogging operations averaged 715 gallons of product over the last 3 seasons. Both Zenivex and the Permethrin + PBO products are applied at the same label rate. The current Permethrin + PBO product costs \$15.94 per gallon while the Zenivex is \$80.75 per gallon. Current equipment and staffing levels are appropriate to utilize Zenivex, and no change in the normal operations or schedule is anticipated. Use of additional larval and adult aerial applications in the rural areas abutting the City will result in decreased need for residential fogging as the migration of adults into the City is reduced. **Replacement of the Permethrin + PBO with Zenivex would require an additional \$46,400.00 annually.****

**Aerial Adult control would remain at the current level. Currently aerial application with Dibrom costs \$0.82 per acre for contractor application and 0.70 per acre for chemical for a total cost of \$1.52 per acre at a cost of \$23,347.**

---

# **Mosquito Control Resources**

## **EQUIPMENT**

### **Vehicles**

2011 Chevrolet 1500 Silverado 4x4  
2010 Ford F-150 4x4  
2008 Ford F-250 4x4  
2008 Ford Ranger 4x2  
2006 GMC Sierra 2500 4x4 w/ 300 Warne tank  
2013 Chevrolet 1500 Silverado 4x4

### **Trailers**

2007 Maxey Sport-trail Custom, side load 2 place W/ 300 gallon tank/ Pump  
2009 Big Tex rear load 2 place

### **Larval control equipment**

2012 Polaris Sportsman 800 with power Maruyama granule Blower for *Bs.* and *Bfi.*  
2014 Polaris Sportsman 800 with 40 gal. Warne spray rig for liquid Bti applications  
2014 Polaris Sportsman 800 with 40 gal. Warne spray rig for liquid Bti applications  
2015 Polaris Sportsman 800 with 40 gal. Warne spray rig for liquid Bti applications

Fimco 12 volt dc broadcast spreader for Bti granules  
5 Solo 4 gal. backpack sprayers for Liquid Bti applications  
5 Solo 4 gal. backpack sprayers for GB1111 pupacide applications  
6 Herd hand broadcast spreader/granulators for Bti granule applications  
100 gal skid mount spray tank with 4hp gasoline pump and 250 ft. hose for liquid Bti  
4 Miruyama backpack blower/mister for Bti granule application

### **Adult control equipment**

Clark Grizzly ULV fogger  
4 Adapco Guardian 190 ES foggers with Monitor 4 GPS tracking  
2011 KLD Labs DC-IV droplet analyzer

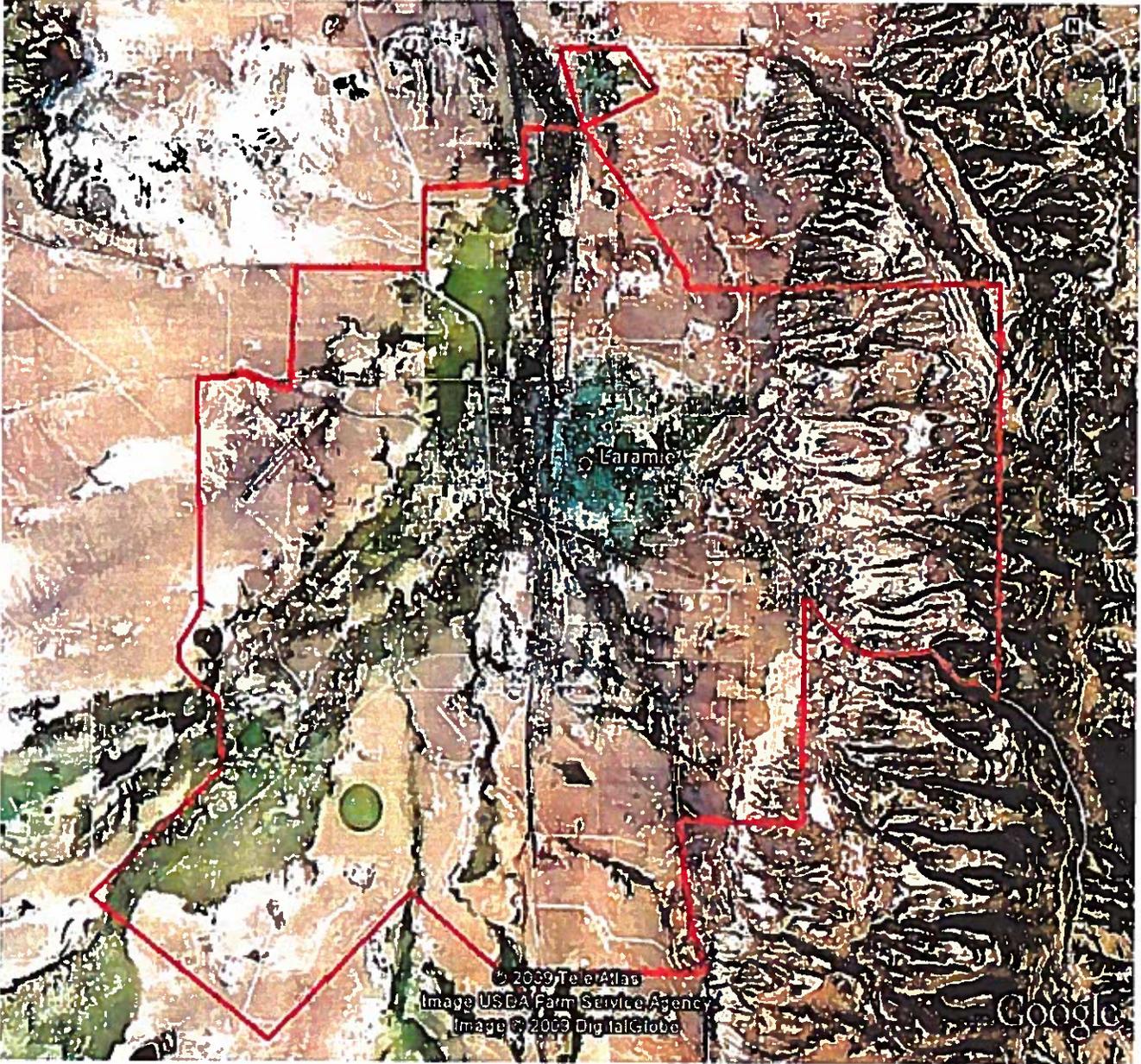
### **Surveillance equipment**

4- 10" Samsung tablets W/ GPS and Adapco Geopro software  
Adapco Geopro surveillance software / Data service  
16 CDC Miniature incandescent light/C02 baited traps  
14 New Jersey light traps  
2 stereo zoom specimen microscopes (40x)  
4 Reiter Gravid traps  
RAMP (Rapid Analyte Measurement Platform) for virus detection in mosquitoes and birds  
Sample preparation equipment; Vortexer, Centrifuge, Pipettors,

# ATTACHMENT 2

CITY OF LARAMIE CONTROL AREA BOUNDARY

---



# ATTACHMENT 3

## **Joint Statement on Mosquito Control in the United States from the U.S. Environmental Protection Agency (EPA) and the U.S. Centers for Disease Control and Prevention (CDC)**

Mosquito-borne diseases are among the world's leading causes of illness and death today. The World Health Organization estimates that more than 300 million clinical cases each year are attributable to mosquito-borne illnesses. Despite great strides over the last 50 years, mosquito-borne illnesses continue to pose significant risks to parts of the population in the United States. Current challenges posed by the emergence of West Nile virus in the Western hemisphere illustrate the importance of cooperation and partnership at all levels of government to protect public health. The Environmental Protection Agency (EPA, the Agency) and the Centers for Disease Control and Prevention (CDC) are working closely with each other and with other federal, state, and local agencies to protect the public from mosquito-borne diseases such as the West Nile virus.

### **1. The Role of Government Agencies and the Public**

CDC, working closely with state and local health departments, monitors the potential sources and outbreaks of mosquito-borne diseases and provides advice and consultation on prevention and control of these diseases. CDC works with a network of experts in human and veterinary medicine, entomology, epidemiology, zoology, and ecology to obtain quick and accurate information on emerging trends which they develop into national strategies that reduce the risk of disease transmission.

EPA ensures that state and local mosquito control departments have access to effective mosquito control tools that they can use without posing unreasonable risk to human health and the environment. EPA encourages nonchemical mosquito prevention efforts, such as eliminating standing water that provide breeding sites. The Agency educates the public through outreach efforts to encourage proper use of insect repellents and mosquitocides. Additionally, EPA's rigorous pesticide review process is designed to ensure that registered mosquitocides used according to label directions and precautions can further reduce disease-carrying mosquito populations.

State and local government agencies play a critical role in protecting public health from mosquito-borne diseases. They serve on the front line, providing information through their outreach programs to the medical and environmental surveillance networks that first identify possible outbreaks. They also manage the mosquito control programs that carry out prevention, public education and vector population management.

The public's role in eliminating potential breeding habitats for mosquitoes -- such as getting rid of any standing water around the home -- is a critical step in reducing the risk of mosquito-borne disease transmission. The public is also encouraged to make sure window screens and screen doors are in

good repair. When venturing into areas with *high* mosquito populations, the public should wear personal protection such as long sleeve shirts and long pants, preferably treated with a repellent.. People should use mosquito repellents when necessary, and always follow label instructions.

### **Diseases Transmitted by mosquitoes**

Mosquitoes are found throughout the world and many transmit pathogens which may cause disease. These diseases include mosquito-borne viral encephalitis, dengue, yellow fever, malaria, and filariasis. Most of these diseases have been prominent as endemic or epidemic diseases in the United States in the past, but today, only the insect-borne (arboviral) encephalitides occur annually and dengue occurs periodically in this country. The major types of viral encephalitis in the United States include St. Louis, LaCrosse, Eastern equine and Western equine. These viruses are normally infections of birds or small mammals. During such infections, the level of the virus may increase in these infected animals facilitating transmission to humans by mosquitoes. The West Nile virus, which can also cause encephalitis, was found in the northeastern United States for the first time in 1999, is a good example of this mode of transmission. Human cases of encephalitis range from mild to very severe illnesses that, in a few cases, can be fatal. Dengue is a viral disease transmitted from person to person by mosquitoes. It is usually an acute, nonfatal disease, characterized by sudden onset of fever, headache, backache, joint pains, nausea, and vomiting. While most infections result in a mild illness, some may cause the severe forms of the disease. Dengue hemorrhagic fever, for example, is characterized by severe rash, nosebleeds, gastrointestinal bleeding and circulatory failure resulting in dengue shock syndrome and even death. Dengue is endemic in the Caribbean, Central and South America. Recently, dengue has occurred with increasing frequency in Texas. Other pathogens transmitted by mosquitoes include a protozoan parasite which causes malaria, and *Dirofilaria immitis*, a parasitic roundworm and the causative agent of dog heartworm. Disease carrying mosquito species are found throughout the U.S., especially in urban areas and coastal or in inland areas where flooding of low lands frequently occurs.

## **2. Mosquito Life Cycle**

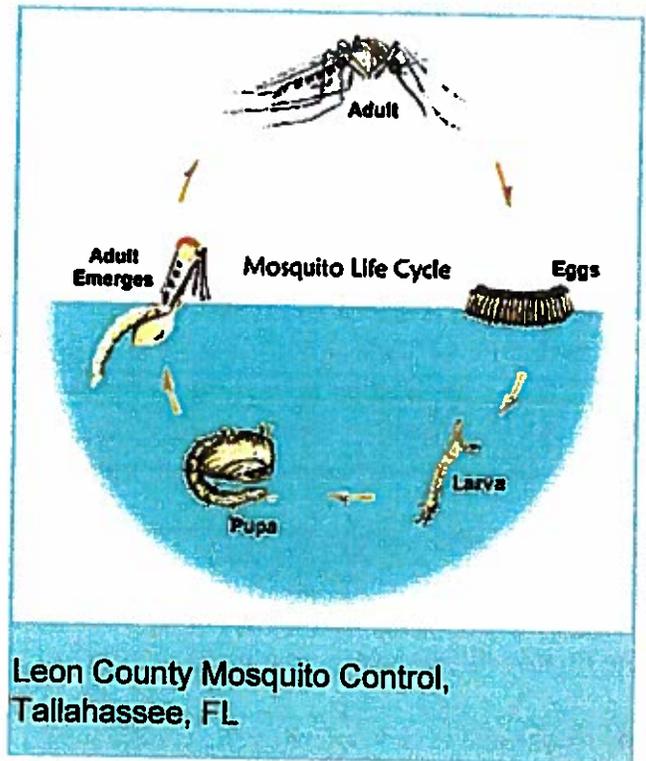
The life cycle of all mosquitoes consists of four distinct life stages: egg, larva, pupa and adult. The first three stages occur in water, but the adult is an active flying insect that feeds upon the blood of humans and/or animals. The female mosquito lays the eggs directly on water or on moist substrates that may be flooded with water. The egg later hatches into the larva, the elongated aquatic stage most commonly observed as it swims in the water. The larva transforms into the pupa where internal changes occur and the adult mosquito takes form. After two days to a week in the pupal stage, the adult mosquito emerges onto the water's surface and flies away. Only the female mosquito takes blood which they usually require for her eggs to develop.

The practice of mosquito control focuses on the unique biology and behavior of the mosquito species of concern. Mosquito biology can follow two general scenarios. The first involves those species that lay their eggs in masses or rafts on the water's surface. Some of these species, which are found throughout the U.S., often lay their eggs in natural or artificial water-holding containers found in the domestic environment, or in naturally occurring pools. The second scenario involves mosquitoes that lay their eggs on moist soil or other substrates in areas that will be flooded with water later. After about two days, these eggs are ready to hatch, but if not flooded, can withstand drying for months. In inland areas of the U.S. where these mosquitoes breed, heavy rains and flooding can produce millions of mosquitoes in a short time. Similar situations occur along coastal areas with mosquitoes adapted to salt marsh habitats. Some salt marsh mosquitoes are strong fliers and can sometimes travel up to 50 miles from the breeding site.

### 3. Mosquito Control Programs

In response to these potential disease carrying pests, communities organized the earliest mosquito control programs in the eastern U.S. in the early 1900s. Eventually, other communities created similar programs throughout the country in areas where mosquito problems occurred and where citizens demanded action by local officials. Modern mosquito control programs in the U.S. are multifaceted and include surveillance, source reduction, and a variety of larval and adult mosquito control strategies.

Surveillance methods include studying habitats by air, aerial photographs, and topographic maps, and evaluating larval populations. Mosquito control officials also monitor mosquito traps, biting counts, and complaints and reports from the public. Mosquito control activities are initiated once established mosquito threshold populations are exceeded. Seasonal records are kept in concurrence with weather data to predict mosquito larval occurrence and adult flights. Some mosquito control programs conduct surveillance for diseases harbored by birds, including crows, other wild birds, sentinel chicken flocks, and for these diseases in mosquitoes.



**PARKS, TREE & RECREATION ADVISORY BOARD REGULAR MEETING January 13, 2016**



**Agenda Item:** Parks

**Resolution**

**Title:** A Resolution in support of submitting an application to the Office of State Lands and Investments, Wyoming State Forestry Division, Urban and Community Forest Cost-Share Grant for tree planting in an amount not to exceed \$3,000.

**Recommended Board MOTION:**

I move that Parks, Tree and Recreation Advisory Board approve Resolution 2016-AB-\_\_ in support of submitting an application to the Office of State Lands and Investments, Wyoming State Forestry Division, Urban and Community Forest Cost-Share Grant for tree planting for the 2016 Community Service Day Project and forward on to City Council for their consideration.

---

**Administrative or Policy Goal:**

The Board will encourage and support continuing grants for Parks and Recreation programs and operations.

The Board will support continuing the Tree City USA designation.

The Board will review annually the condition and status of all City parks and support the enhancement of existing park amenities.

---

**Background:** Attached is a resolution sponsoring an application to the Office of State Lands and Investments, Wyoming State Forestry Division, in cooperation with the USDA Forest Service, for an Urban and Community Forest Cost-Share Grant for tree planting as part of the 2016 Community Service Day. The Wyoming State Forestry Division in cooperation with the Wyoming Community Forestry Council and the USDA Forest Service has provided funds for community forestry projects throughout the State since 1991.

In 2016, there will be a total of approximately \$50,000 available statewide for these federal funds.

The City of Laramie has been very successful in receiving these grant funds in the past for tree planting projects such as the Curtis Street Beautification Project, the Highway 130 and 230 Beautification Project, the LaPrele Park Disc Golf Course Beautification Project, the Boulder Avenue Beautification Project, the City tree ordinance and planting brochure updates, the 2013 East Grand Avenue Beautification Project, and the 2015 Snowy Range Beautification Project.

For the 2016 Community Service Day Beautification Project, staff is recommending the north side of Highway 130, planting approximately 165 trees encompassing several species. As required by the grant, the Parks and Recreation Department will be required to maintain the trees for a minimum of five years.

---

**Legal/Statutory Authority:** N/A

---

**BUDGET/FISCAL INFORMATION:**

**REVENUE**

Source	Amount	Type
Project	\$20,000.00	City of Laramie General Fund
Grant	\$3,000.00	2016 Urban Forestry Grant - Tree Planting
Contribution	\$10,000.00	Laramie Beautification Committee
Other		
Total	\$33,000.00	

**EXPENSE**

Proposed Project Cost.

Project	Amount	Funds
Project Cost	\$20,000.00	Hwy 130 North Beautification Project, General Fund
Grants for Project	\$3,000.00	2016 Urban Forestry Grant
Other/Outside Projects	\$10,000.00	Laramie Beautification Committee Contribution
Contingency		
City's Contribution		
Total Amount	\$33,000.00	

**Responsible Staff:**

Randy Overstreet, City Arborist, 721-5338, roverstreet@cityoflaramie.org

David Schott, Parks Manager, 721-5264, dschott@cityoflaramie.org

Attachment A: Resolution 2016-AB-\_\_

Attachment B: Application 2016-AB-\_\_ Community Forest Cost-Share Grant Urban and Community Forestry

Exhibit A: Map of Hwy 130 North Side Beautification Project Area

**RESOLUTION 2016-AB-\_\_**

**RESOLUTION IN SUPPORT OF SUBMITTING AN APPLICATION TO THE FORESTRY DIVISION OF THE OFFICE OF STATE LANDS AND INVESTMENTS FOR A 2016 URBAN AND COMMUNITY FORESTRY TREE PLANTING GRANT IN AN AMOUNT NOT TO EXCEED \$3,000 FOR THE HIGHWAY 130 NORTH SIDE BEAUTIFICATION PROJECT.**

**WHEREAS** the Forestry Division of the Office of State Lands and Investments is authorized to award grants for community tree planting and education projects;

**WHEREAS** the City of Laramie intends to submit an application for a 2016 Urban and Community Forestry Tree Planting Grant for the Highway 130 North Side Beautification Project;

**WHEREAS** local recreation advocacy groups including the Church of Jesus Christ of Latter-day Saints, the Laramie Beautification Committee, the University of Wyoming and the Parks, Tree, and Recreation Advisory Board support this project;

**WHEREAS** as required by the grant, the Parks and Recreation Department will maintain the improvements resulting from this project for a minimum of five years;

**WHEREAS** matching funds in the amount of \$30,000 will be provided by the City of Laramie and the Laramie Beautification Committee a total project cost of \$33,000;

**NOW THEREFORE, THE PARKS, TREE AND RECREATION ADVIORY BOARD OF LARAMIE WYOMING, RESOLVES:**

**SECTION 1.** That foregoing all recitals are incorporated in and made part of this resolution by this reference.

**SECTION 2.** That the Parks, Tree and Recreation Advisory Board supports the filing of an application to the Forestry Division of the Office of State Lands and Investments for a 2016 Urban and Community Forestry Tree Planting Grant in a grant application amount not to exceed \$3,000 for the Highway 130 North Side Beautification Project.

**PASSED AND APPROVED** on this, the 13<sup>th</sup> day of January, 2016.

BY: \_\_\_\_\_  
Jacque Stonum, Advisory Board Chair

ATTEST: \_\_\_\_\_  
Inez Wildenborg, Parks and Recreation Administrative Assistant

2016 WYOMING URBAN AND COMMUNITY FORESTRY PROGRAM APPLICATION FOR  
TREE PLANTING COST-SHARE GRANT FUNDS

1. **NAME OF PROJECT:** Highway 130 Beautification - Community Service Day.
2. **PROJECT LOCATION or COMMUNITY:** Laramie WY - Located on the north side of Hwy 130 in the right-of-way beginning on the west side of Co. Rd 55 and ending approximately 6,570 feet west.
3. **SPONSORING AUTHORITY OR ORGANIZATION:** City of Laramie Parks & Recreation
4. **PROJECT COORDINATOR:** Randy Overstreet - City Arborist E-MAIL: roverstreet@cityoflaramie.org
5. **ADDRESS:** Mailing: City of Laramie, Parks & Recreation, P.O. Box C, Laramie, WY 82073  
Physical: City of Laramie Parks/Cemetery Office at 455 N. 15<sup>th</sup> Street, Laramie, WY
6. **PHONE:** 307-721-5338 (Randy) or 307-721-5264 (David Schott - Parks Manager)
7. **PLANNED DATE OF PROJECT COMPLETION:** Sept. to early Oct. 2016; Community Service Day.  
Specific date has not been determined.
8. **PROJECT NAME AND DESCRIPTION AND/OR PURPOSE:** Community Service Day 2016 - Plant approximately 165 trees 40 feet apart within the WYDOT right-of-way abutting Univ. of Wyoming property. Install drip irrigation lines to water the trees. Tree species will not include Populus or Salix species due to WYDOT restrictions. No tall conifer trees will be used. No junipers will be used. Various shade type trees and ornamental trees suitable for Laramie's climate will be used. Trees will not be planted within the clearance zone of the airport runway 3 - 21.
9. **NUMBER OF TREES TO BE PLANTED:** ~165 deciduous shade, ornamental and pinyon pine trees.
10. **WHO WILL BE RESPONSIBLE FOR 5 YEARS OF MAINTENANCE:** City of Laramie Parks Division full-time employees, and under the direction of full-time employees - seasonal part-time employees.
11. **NAMES OF VOLUNTEER GROUPS/PARTNERS INVOLVED IN PROJECT:** Mormon youth groups, college fraternities and sororities, college activity groups and interested Laramie Citizens.
12. **PROJECT FUNDING:**
- |  |                     |
|--|---------------------|
| a. Requested Urban & Community forestry Grant Funds                  | <u>\$ 3,000.00</u>  |
| (Minimum amount \$3000.00 - Maximum amount \$10,000)                 |                     |
| b. Local Matching Funds - includes \$10,000 Beautification Committee | <u>\$ 30,000.00</u> |
| c. Total Project Expense (a+b)                                       | <u>\$ 33,000.00</u> |
- Budget sheet is attached with a breakdown of expected expenses including projected income including grant funds.
13. **SIGNATURE OF RESPONSIBLE PARTY:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**City of Laramie Community Service Day 2016 – Highway 130 Beautification Tree Planting.  
2016 Wyoming Urban and Community Forestry Program - Tree planting grant request.**

**Location of Project:**

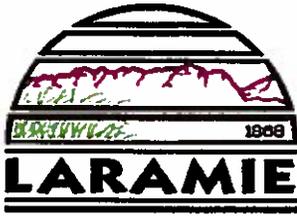
Planting approximately 165 trees, with an average spacing of 40 feet, on the north side of Hwy 130 will complete the tree planting beautification portion of this Gateway Entrance into the City of Laramie from the Airport to the residential neighborhood in the northwest portion of Laramie. A Wyoming Urban and Community Forestry Program grant was received in the past to plant 168 trees on the south side of Hwy 130.

**Volunteers:**

Past Community Service Days have had around 300 people attending to help plant trees. Mormon Youth groups have constituted many of the total project volunteers in the past. University of Wyoming organizations, City Council members, and civic minded citizens have worked to beautify Laramie over the past years.

**Scope of Project:**

Three irrigation lines were bored under Hwy 130 last fall from the south irrigation lines to the north side to facilitate irrigation connections on the north side. A ¾ inch to 1 inch diameter flexible black poly line will be trenched in from each of the three irrigation connections under Hwy 130. The line will run parallel to the trees. Two drip lines with appropriate volume drip emitters will be installed for each tree. A backhoe will be used to pre-dig all of the planting holes. The volunteers will be guided by City of Laramie personnel to modify each hole as needed to provide the trees the proper depth and width to plant correctly. The trees will have a three to four inch layer of organic mulch spread out on the rootball surface and the surface area of the backfilled hole. The trees will be staked with at least two stakes for at least one year. The trees will be provided with supplemental water upon planting, during the heat of the summer, during dry periods and during the winter on warmer days with no snow covering the ground.



**CITY OF LARAMIE**  
**PARKS & RECREATION DEPARTMENT**  
P.O. Box C  
Laramie, WY 82073

Parks Division: (307) 721-5264  
Fax (307) 721-5256  
Recreation Division: (307) 721-5269  
Fax: (307) 721-5284  
Facilities Mgmt Division: (307) 721-3585  
TDD (307) 721-5295  
Administration: (307) 721-3572

---

**Memorandum**

**To:** Parks, Tree, and Recreation Advisory Board  
**From:** David Schott, Parks Manager   
**Date:** January 13, 2016  
**Re:** Parks Division Staff Report

---

Dear Members of the Parks, Tree, and Recreation Advisory Board,

The Parks Division is committed to providing excellent recreational experiences for our residents and visitors. Staff is currently involved in the following items.

Staff has prepared and will issue in January a Request for Qualifications for the electrical improvements for the Edgar J. Lewis Bandshell in Washington Park based on a Wyoming Cultural Trust Fund grant prior to painting and repairs.

The Planning Commission considered and approved on street parking for the Imperial Heights Development Project with two (2) requirements. The first is two (2) ADA spaces shall be constructed along Morgan Drive, one of which will be van accessible. The second is the future build parking lot as noted on the conceptual plan for the park must include one (1) ADA parking space. Traffic Commission considered the request for two (2) ADA spaces along Morgan Drive on December 10, 2015. Staff is preparing to bid this project this winter for a spring construction for phase 1 and 2 that will focus on the accessible route, including a bridge, and the two (2) playgrounds for different age children.

Staff is working with UW for the installation of three (3) irrigation controllers for the Sandy Aragon Softball Complex and the Little League Complex as part of the University's upgrade to central irrigation control.

Staff has prepared a budget amendment for Council consideration on February 2<sup>nd</sup> to finish out the 2013 Community Service Day Project on East Grand.

Staff has submitted a grant request for a Land and Water Conservation Grant for Scout Park Phase 3 Development in the amount of \$125,000 to aid in leveraging local tax dollars. Council considered and approved the conceptual plan as presented in December. Staff will be working with the consultants for design development for the entire park and bid documents for phase 3. Staff will also be revising the plat to address easement issues in the park prior to construction.

Respectively Submitted,

*David R. Schott*

David Schott

Parks Manager

## Laramie River Greenbelt Trail Count 2015

### North (located on the east end of UPRR trestle bridge)

Month:	Total:	Notes:
January	1,638	Checked and reset Feb. 2, 2015
February	1,700	Battery Change. Checked and reset Mar. 2, 2015
March	3,233	Checked and reset Apr. 2, 2015
April	3,371	Checked and reset May 1, 2015
May	2,617	Checked and reset Jun. 1, 2015
June	2,346	Battery Change. Checked and reset Jun. 30, 2015
July	3,621	Checked and reset Jul. 31st, 2015
August	4,935	Checked and reset Aug. 31, 2015
September	3,303	Checked and reset Oct. 1, 2015
October	2,765	Checked and reset Nov. 2, 2015
November	1,778	Battery Change. Checked and reset Dec. 1, 2015
December	1,326	Checked and reset Jan. 4, 2016

<b>Yearly Total (North):</b>	<b>32,633</b>
------------------------------	---------------

<b>Average Per Month:</b>	<b>2,719</b>
---------------------------	--------------

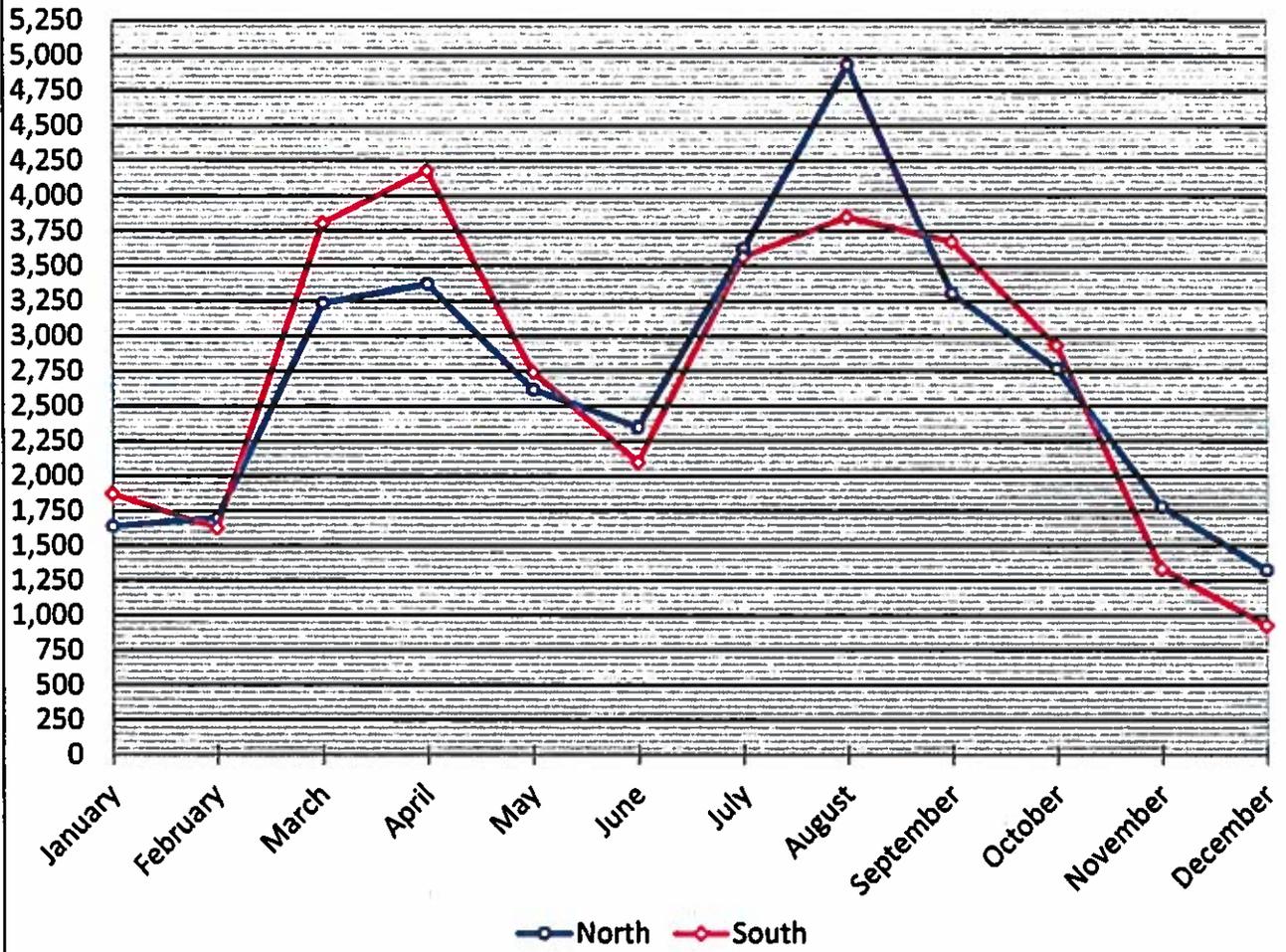
<b>Average Per Week:</b>	<b>628</b>
--------------------------	------------

### South (located just south of Optimist Park trailhead and playground)

Month:	Total:	Notes:
January	1,872	Checked and reset Feb. 2, 2015
February	1,627	Battery Change. Checked and reset Mar. 2, 2015
March	3,803	Checked and reset Apr. 2, 2015
April	4,179	Checked and reset May 1, 2015
May	2,741	Checked and reset Jun. 1, 2015
June	2,097	Battery Change. Checked and reset Jun. 30, 2015
July	3,564	Checked and reset Jul. 31, 2015
August	3,850	Checked and reset Aug 31, 2015
September	3,673	Checked and reset Oct. 1, 2015
October	2,933	Checked and reset Nov. 2, 2015
November	1,332	Battery Change. Checked and reset Dec. 1, 2015
December	929	Checked and reset Jan. 4, 2016

<b>Yearly Total (South):</b>	<b>32,600</b>	<b>Notes:</b>
<b>Average Per Month:</b>	<b>2,717</b>	
<b>Average Per Week:</b>	<b>627</b>	
<b>Yearly Total (North and South)</b>	<b>65,233</b>	

# Laramie River Greenbelt Trail Count 2015



# Recreation Division Staff Reports

For the Month of : December 2015

Presented by: Jodi Guerin

# December Fitness User Counts

## Drop-in Vists

Member	283
Non-Member	192

<b>Totals</b>	<b>475</b>
---------------	------------

## Fitness Pass Visits

6 Month Pass	109
12 Month Pass	109

<b>Totals</b>	<b>218</b>
---------------	------------

October User Count	693
--------------------	-----

## December

-Working on marketing and promotional materials to fill the group fitness rooms. Averages are staying strong, but there is room for growth.

-New Fitness Schedule starts January 2nd. 15 participants registered for the 10 week fitness challenge.

-Beginning in January group fitness section will introduce a new course -Cardio Kickboxing. Staff will offer orientation classes & meet and greets with the instructor to give members and guests the opportunity to try it out before adding Cardio Kickboxing to the regular drop-in schedule.

**Monthly User Count Information Athletics  
December 2015**

**Adult Basketball**

Registration is open for Adult Basketball with Leagues for Competitive, mid-tier and casual play as well as a women's league. Registration closes Jan. 10th with the season running Jan through mid-May.

**Youth Basketball Tournament**

Preparations have begun for the 26<sup>th</sup> Annual Laramie Youth Basketball Tournament. The tournament will take place April 1<sup>st</sup>-3<sup>rd</sup>, 2015 in several locations throughout the community. Registration packets have been sent out to past participants and regional Parks & Recreation Departments. Sponsorship letters have also been sent out to community businesses to be able to put on a spectacular tournament. All gyms to be used have been rented / reserved. The WPRA has been notified and has included the date on their calendar.

**Jr. Cowboys & Jr Cowgirls Basketball**

After examining the notes and evaluations of the program from last year, this program has more of a clinic approach. Activities will focus on skill development, with scrimmages between groups each week. Groups are divided up with age and gender as well as skill level. So far, approximately 165 youth have registered, up about 30 from last year.

## **Ice & Event Center Usage**

### **November 2015**

**Public Skate Admissions--1646**

**ACSD Admissions--160**

**Skate Rentals--1371**

**Broomball Shoe Rentals--44**

*(For broomball league)*

**Stick & Puck Admissions--114**

**LAHC Rental Hours--71.5**

**LAHC Tournaments--**

**LAHC Games--15**

**COED Rental Hours--7**

**UW Men Rental Hours--5.5**

**UW Games--1**

### **Notes:**

December public skate has been significantly higher than November numbers. Staff have used social media, the City website and the newspaper to try to reach people who want to skate. Several of our regular skate sessions have drawn over 100 participants and our noon skate time is up to 20 or 30 on a regular basis.

Curling begins soon with a total of 10 teams signed up for the league.

**Pool Attendance - Dec-15**

	Leisure		8 Lane	Steam/Sauna	Daily Totals
1	99	1	57	31	187
2	106	2	57	13	176
3	66	3	47	9	122
4	89	4	28	7	124
5	107	5	39	11	157
6	96	6	50	21	167
7	104	7	66	15	185
8	83	8	42	18	143
9	75	9	66	12	153
10	71	10	39	8	118
11	92	11	56	10	158
12	102	12	63	14	179
13	127	13	33	30	190
14	79	14	64	30	173
15	65	15	23	27	115
16	104	16	47	12	163
17	119	17	52	19	190
18	144	18	51	21	216
19	127	19	29	33	189
20	142	20	56	48	246
21	213	21	53	32	298
22	92	22	62	23	177
23	167	23	84	29	280
24	109	24	20	15	144
25	0	25	0	0	0
26	196	26	53	49	298
27	163	27	33	15	211
28	211	28	148	48	407
29	245	29	106	37	388
30	182	30	53	36	271
31	194	31	51	28	273
<b>Total</b>	<b>3769</b>	<b>Total</b>	<b>1628</b>	<b>701</b>	<b>6098</b>

**Aquatics Notes**

-The High School boys swim team held their 1st swim meet December 28th and 29th.

-There were 9 teams present the 1st day and 11 teams present the 2nd day.

-The final boys swim meets will be held on January 5th, 12th and 15th

## SACC Enrollment - Fall 2015

There are currently 61 children enrolled in the SACC program, with the following breakdown of registration, by day of week:

<b>M</b>	<b>T</b>	<b>W</b>	<b>Th</b>	<b>Fr</b>
43	42	49	52	41

Following is actual attendance for October 2015:

<b>M</b>	<b>T</b>	<b>W</b>	<b>Th</b>	<b>F</b>
	<b>12/1/15</b>	<b>12/2/15</b>	<b>12/3/15</b>	<b>12/4/15</b>
	37	40	47	36

<b>M</b>	<b>T</b>	<b>W</b>	<b>Th</b>	<b>F</b>
<b>12/7/15</b>	<b>12/8/15</b>	<b>12/9/15</b>	<b>12/10/15</b>	<b>12/11/15</b>
41	36	43	47	38

<b>M</b>	<b>T</b>	<b>W</b>	<b>Th</b>	<b>F</b>
<b>12/14/15</b>	<b>12/15/15</b>	<b>12/16/15</b>	<b>12/17/15</b>	<b>12/18/15</b>
35	34	38	47	38

<b>M</b>	<b>T</b>	<b>W</b>	<b>Th</b>	<b>F</b>
<b>12/21/15</b>	<b>12/22/15</b>	<b>12/23/15</b>	<b>12/24/15</b>	<b>12/25/15</b>
holiday	holiday	holiday	holiday	holiday

<b>M</b>	<b>T</b>	<b>W</b>	<b>Th</b>	<b>F</b>
<b>12/27/15</b>	<b>12/28/15</b>	<b>12/29/15</b>	<b>12/30/15</b>	<b>12/31/15</b>
holiday	holiday	holiday	holiday	holiday

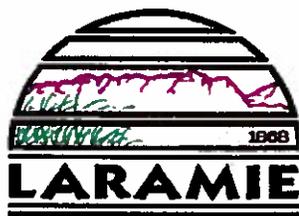
**City of Laramie Recreation  
CHILD CARE**

**January - December 2014/15**

Activity/Program	#s	Income	Hours	Personnel	Materials	Net Income
Child Care - January 2015	98	\$367.00	60.50	\$640.00		-\$173.00
Child Care - January 2014	121	\$429.00	69.25	\$630.59		-\$201.59
Child Care - February 2015	62	\$233.00	59.00	\$525.00		-\$292.00
Child Care - February 2014	152	\$461.50	57.52	\$508.65		-\$104.67
Child Care - March 2015	66	\$257.50	50.00	\$437.50		-\$180.00
Child Care - March 2014	110	\$405.00	57.70	\$502.70		-\$97.70
Child Care - April 2015	67	\$281.50	54.50	\$476.87		-\$195.37
Child Care - April 2014	107	\$392.00	48.50	\$370.24		21.76
Child Care - May 2015	55	\$205.50	36.00	\$322.92		-\$117.42
Child Care - May 2014	130	\$495.00	49.25	\$214.50		\$280.50
Child Care - June 2015	47	\$179.50	36.00	\$322.93		-\$143.43
Child Care - June 2014	89	\$371.00	30.00	\$269.10		\$101.90
Child Care - July 2015	37	\$145.00	23.25	\$204.43		-\$59.43
Child Care - July 2014	87	\$304.50	28.00	\$251.16		\$53.34
Child Care - August 2015	28	\$106.00	20.25	\$189.35		-\$83.35
Child Care - August 2014	74	\$259.00	30.00	\$269.10		-\$10.10
Child Care - September 2015	33	\$123.50	34.50	\$304.30		-\$180.80
Child Care - September 2014	86	\$304.00	43.00	\$390.69		-\$86.69
Child Care - October 2015	60	\$232.00	43.00	\$381.66		-\$149.66
Child Care - October 2014	104	\$430.00	46.75	\$419.37		\$10.63
Child Care - November 2015	51	\$203.00	45.75	\$401.68		-\$198.68
Child Care - November 2014	98	\$361.00	45.00	\$403.66		-\$42.66
Child Care - December 2015	31	\$121.75	33.50	\$296.09		-\$174.34
Child Care - December 2014	60	\$229.50	34.25	\$307.22		-\$77.72
<b>TOTAL 2015:</b>	<b>635</b>	<b>\$2,455.25</b>	<b>\$496.25</b>	<b>\$4,402.73</b>	<b>\$0.00</b>	<b>-\$1,947.48</b>
<b>TOTAL 2014:</b>	<b>1218</b>	<b>\$4,441.50</b>	<b>539.22</b>	<b>\$4,536.98</b>		<b>-\$95.48</b>

CONCESSIONS 2014/15

	Front Desk		Outdoor Pool		Merchandise		Ice Arena	
	Count	Sales	Count	Sales	Count	Sales	Count	Sales
January, 2015	1078	\$1,373.19			110	\$689.36	2454	\$4,093.71
January, 2014	1926	\$2,016.92	1	\$0.47	211	\$1,019.66	2685	\$3,679.54
February, 2015	947	\$1,229.30			163	\$699.79	1228	\$2,008.65
February, 2014	1372	\$1,433.28	89	\$63.92	202	\$1,023.83	2128	\$2,811.27
March, 2015	1553	\$2,088.07			219	\$839.51	508	\$800.03
March, 2014	1624	\$1,696.35	1	\$2.35	185	\$699.14	1061	\$1,482.03
April, 2015	1201	\$1,577.79			228	\$928.15	225	\$345.24
April, 2014	1551	\$1,710.35	0	0	155	\$549.32	142	\$195.92
May, 2015	743	\$984.47			122	\$317.59	220	\$967.02
May, 2014	994	\$1,057.67	0	\$0.00	136	\$548.27	393	\$1,510.81
June, 2015	818	\$1,062.11	1912	\$3,025.70	226	\$954.38	55	\$72.88
June, 2014	1080	\$1,076.96	676	\$766.12	168	\$986.17	702	\$852.61
July, 2015	684	\$922.12	1356	\$2,155.01	209	\$1,016.88	123	\$149.33
July, 2014	875	\$984.09	1830	\$2,420.35	206	\$1,204.21	80	\$111.78
August, 2015	484	\$667.01	817	\$1,269.80	158	\$642.96	282	\$339.85
August, 2014	489	\$614.97	841	\$1,113.58	93	\$399.76	56	\$67.39
September, 2015	773	\$1,027.87			194	\$621.09	17	\$35.14
September, 2014	680	\$661.96	36	62.84	98	\$586.06	1	\$1.65
October, 2015	776	\$1,029.21			174	\$589.31	2904	\$4,771.61
October, 2014	959	\$1,220.54			93	\$497.41	1835	\$3,175.80
November, 2015	887	\$1,189.23			166	\$602.33	1928	\$3,148.73
November, 2014	911	\$1,164.98			106	\$636.81	2012	\$3,339.26
December, 2015	1143	\$1,595.30			237	\$666.25	2031	\$3,342.73
December, 2014	710	\$873.68			83	\$418.17	1815	\$3,043.90
<b>2015 TOTALS</b>	<b>11087</b>	<b>\$14,735.67</b>	<b>4085</b>	<b>\$6,451.51</b>	<b>2205</b>	<b>\$8,467.60</b>	<b>11955</b>	<b>\$20,075.92</b>
<b>2014 TOTALS</b>	<b>13171</b>	<b>\$14,411.75</b>	<b>3574</b>	<b>\$4,421.63</b>	<b>1738</b>	<b>\$7,715.60</b>	<b>12910</b>	<b>\$20,271.96</b>



**CITY OF LARAMIE**  
**PARKS & RECREATION DEPARTMENT**  
P.O. Box C  
Laramie, WY 82073

Parks Division: (307) 721-5264  
Fax (307) 721-5256  
Recreation Division: (307) 721-5269  
Fax: (307) 721-5284  
Facilities Mgmt Division: (307) 721-3585  
TDD (307) 721-5295

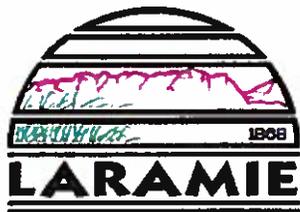
January 5, 2016

To: Parks Tree & Recreation Advisory Board  
Fr: Scott Stevenson Facilities Maintenance Manager  
Re: Division Staff Report January, 2015

- The staff received no submittals to the Requests for Qualifications RFQs for a structural engineering evaluation of the City Hall Annex building. The staff will request funding for this in the 2017/18 budget.
- A contract has been offered to Aquatic Chemical Solutions, of Denver, Colorado for supplying and installing an ultra violet secondary disinfection system on the Recreation Center spa. The spa currently uses ozone for secondary disinfection and this system is in need of replacement. Staff hopes to complete this project in January.
- A contract has been offered to CEM Sales and Service of Sheridan, Colorado, for supplying and installing four new chemical feed controllers for the Recreation Center pools. The new controllers are able to keep the disinfectant levels in the pools at a more consistent level. Staff hopes to complete this project in January
- Team LINX, of Denver, Colorado is under contract for the installation of closed circuit video cameras in the new Recreation Center Expansion areas. This project is scheduled to be completed in January
- Contract negotiations are under way for providing Gym Equipment Wipes for a two year period for the Recreation Center.
- The cleaning schedule for the City shops and outer buildings has been changed to allow for every building to be cleaned daily. Currently these buildings receive service three times per week.
- Requests for qualifications for plumbing repair and service have been sent out to local and regional plumbing companies this month. Qualifications are due on January 8, 2016
- Commercial Flooring of Laramie is under contract for the installation of the new carpet in the Recreation Center Atrium. This project will be completed January 6<sup>th</sup> through the 11<sup>th</sup>.

Respectively Submitted,

Scott Stevenson,  
Facilities Maintenance Manager



**CITY OF LARAMIE**  
**PARKS & RECREATION DEPARTMENT**  
 P.O. Box C  
 Laramie, WY 82073

Parks Division: (307) 721-5264  
 Fax (307) 721-5256  
 Recreation Division: (307) 721-5269  
 Fax: (307) 721-5284  
 Facilities Mgmt Division: (307) 721-3585  
 TDD (307) 721-5295  
 Administration: (307) 721-3572

**Capital Projects and Equipment/Fleet FY16**  
**January 2016**

**Parks**

Walk Behind Aerator	\$4,000
Skid Steer Bucket	\$2,625
Skid Steer Auger	\$3,675
Air Compressor	\$2,625
Cemetery Street Sealing	\$5,000
Biosafety Cabinet	\$8,000
Electric Smart Flow Fogger	\$16,125
Irrigation Insulation Blankets	\$3800
Disc Golf Baskets	\$2000
Parks Street Sealing	\$4,000
Tree Maintenance Contract*	\$17,500
Park Signs*	\$5,000
Bollards	\$4,000
3-Point Turf Aerator	\$6,450
8" 3-Point Blade	\$2,688
Line Locator	\$5,375
Bleacher Replacement	\$3,978
Park Furniture	\$6,000
Downtown Amenities	\$10,000
Imperial Heights Park Playground (Grant)*	\$386,875
Bandshell Painting and Repair (Grant)*	\$40,000
CSD Beautification Projects*	\$51,949
Park Shelter Upgrades ADA*	\$1,808
Central Controllers, Aragon(1), LLC(2)*	\$21,000
Unit 987 Butler LT-1014 Trailer	\$4,900
Unit 771 Yacht Club Trailer	\$2,750
Unit 794 Sportsman ATV Unit 987 Butler LT-1014 Trailer	\$10,100
Jacoby Golf Course Rural Trail*	\$148,000
Little League Fence Replacement*	\$54,937
Laramie Youth Baseball Backstop Netting	\$5,482
Backstop Padding Red and Green Fields*	\$7,155
Undine Pavilion-Gazebo (Design)*	\$27,000
Scout Park Development*	\$225,000
West Gateway Beautification (Design)*	\$60,000
Land and Open Space Donation*	\$40,114
Midwest Trunk and Sporting Goods Clock*	\$35,000
Stickley Sculpture	\$10,000
Cemetery House and Shop Upgrades	\$6,858
Phase 7 Irrigation	\$2,500
Cemetery House & Shop Upgrades	\$6,858
Park Shelter upgrades	\$1,808
Aragon Central Irrigation Controllers	\$21,000
Land and Open Space Donation	\$40,114
Scout Park Development	\$275,000
Imperial Heights Park Playground	\$154,441
Cowboy Field Infield Reconstruction	\$149,250

**Facilities**

Non-potable irrigation	\$49,740
Midwest Trunk and Sporting Goods Clock	\$20,000
Police Dept Roof Replacement	\$70,000
Annex roof replacement	\$20,000
Annex Cornice Repair & Painting	\$30,000
Ice & Events Center Compressor Repl.	\$95,625

**Recreation**

Rage and Shock Youth BB	\$7,200
Laramie Soccer Assn	\$11,811
Laramie Youth Baseball	\$7,155
Laramie Barnstormers	\$3,000
Laramie Early Learning Cooperative	\$7,507
Laramie Rifle Range	\$9,715
Laramie RR Depot Board	\$20,000
Laramie Blizzard Soccer	\$12,960
Laramie Main Street Alliance	\$11,488
Greater Big Brothers/Big Sisters of WY	\$25,000
Concrete & Asphalt improvements	\$32,500
Laramie Amateur Hockey Club	\$14,250
Little League Complex Fence Replacement	\$26,250

**Administration**

*Cirrus Sky Tech Park Trail	\$1,053,139
*Recreation Center SPT improvements	\$2,149,205
*Ice & Event Center SPT improvements	\$252,494

**\* Completed or partially completed.**

