

# Appendix B

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Meeting & Public Participation Documentation

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## 2012-2015 Team & Public Meetings



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**CARSON CITY CONSOLIDATED MUNICIPALITY  
NOTICE OF MEETING OF THE  
CARSON CITY BOARD OF SUPERVISORS  
AND CARSON CITY LIQUOR AND ENTERTAINMENT BOARD**

**Day:** Thursday  
**Date:** March 5, 2015  
**Time:** Beginning at 8:30 a.m.  
**Location:** Community Center, Sierra Room  
851 East William Street  
Carson City, Nevada

**Agenda**

1. **Call to Order – Board of Supervisors**
2. **Roll Call**
3. **Invocation** - Chaplain Joel Buxton, Carson City Sheriff's Office
4. **Pledge of Allegiance**
5. **Public Comment:\*\***  
The public is invited at this time to comment on and discuss any topic that is relevant to, or within the authority of this public body.
6. **For Possible Action: Adoption of Agenda**
7. **Special Presentation**  
  
Presentation of a proclamation for Nevada Moves Day, March 18, 2015. *(Cortney Bloomer)*
8. **Recess as Board of Supervisors**

**Liquor and Entertainment Board**

9. **Call to Order & Roll Call – Liquor and Entertainment Board**
10. **Public Comment:\*\***  
The public is invited at this time to comment on and discuss any topic that is relevant to, or within the authority of this public body.
11. **Community Development - Business License**
  - A) **For Possible Action:** To approve Pissamai Sungkasit Harry as the liquor manager for Siam Classic Thai Cuisine, LLC (Liquor License #15-30234) located at 4250 Cochise Street, Ste 40. *(Lena Reseck)*

**Staff Summary:** All liquor license requests are to be reviewed by the Liquor Board per CCMC 4.13. Siam Classic Thai Cuisine, LLC is applying for a dining room with beer and wine only. Staff is recommending approval.

- B) **For Possible Action:** To approve Richard Tran as the liquor manager for Carson Best Pho, Inc. dba Viet Pho (Liquor License #15-30522) located at 444 E. William Street, Ste 6. (*Lena Reseck*)

**Staff Summary:** All liquor license requests are to be reviewed by the Liquor Board per CCMC 4.13. Carson Best Pho, Inc. dba Viet Pho is applying for a dining room with beer and wine only. Staff is recommending approval.

**12. Public Comment:\*\***

The public is invited at this time to comment on any matter that is not specifically included on the agenda as an action item. No action may be taken on a matter raised under this item of the agenda.

**13. For Possible Action: To Adjourn as the Liquor and Entertainment Board**

**14. Reconvene as the Board of Supervisors**

**Ordinances, Resolutions, and Other Items**

**15. City Manager**

**Presentation Only:** Presentation and discussion regarding general Carson City area noxious weed concerns, current local efforts on noxious weed control, and the state statutes that govern regulatory actions regarding noxious weed control. (*Jamie Greer, Nevada Department of Agriculture - Noxious Weed Program*)

**Staff Summary:** Jamie Greer, Noxious Weed Program Coordinator will provide a presentation and update on noxious weed control activity for Carson City and throughout the State.

**16. Alternative Sentencing**

**For Possible Action:** To approve the reclassification of an Alternative Sentencing Technician (CCEA Grade 28) position to an Alternative Sentencing Officer (FOP) position and approve an augmentation of the Department of Alternative Sentencing budget to cover the increase in costs. (*Tad Fletcher*)

**Staff Summary:** The Alternative Sentencing Department would like to restructure the Department for efficiency and workload purposes. The Department currently has a vacant full-time Alternative Sentencing Technician position. This request is to allow the Department to reclassify the position to an Alternative Sentencing Officer position. The Department will use budgeted funds from the Technician position to partially fund the new full-time position of the Officer which will allow the Department of Alternative Sentencing to provide 7-day a week service to the community and maintaining a higher level of service to the Courts and the community during peak times. This request will require the Board to also approve an augmentation to the Department's budget.

## 17. Purchasing and Contracts

- A) For Possible Action: To approve Contract No. 1415-142, pursuant to NRS 332.115(1)(b) and NRS 625.530, with Terracon, to provide professional services for Special Building Inspections for the Multi-use Athletic Center (MAC) Facility, in an amount not to exceed \$72,465.00, to be funded from the Quality of Life Fund - New Gymnasium Account, as provided FY 2014/15 and FY 2015/2016. *(Kim Belt and Darren Schulz)*

Staff Summary: This contract is to provide Special Building Inspections during the construction of the MAC Facility.

- B) For Possible Action: To determine that Farr Construction Corporation dba Resource Development Company is the lowest responsive and responsible bidder pursuant to NRS Chapter 338 and to award Contract No. 1415-126 titled "Ash Canyon Water Tank Re-Paint" to Farr Construction corporation dba Resource Development Company for a base bid amount of \$212,786.00, plus both additive alternates totaling \$35,000.00 and a contingency amount not to exceed \$25,274.00 for a total contract amount of \$273,000.00 to be funded from the Capital Projects/Construction - Tank Maintenance (Project No. 041302) Account in the Water Fund as provided in the FY 2014/2015 Budget. *(Kim Belt)*

Staff Summary: Carson City received sealed bids for all labor, materials, tools and equipment necessary for the Canyon Water Tank Re-Paint project. The Project consists of removing the existing coatings from the interior of the Ash Canyon Water Tank and re-coating the tank's interior as well as prepping and re-coating the exterior of the tank including anti-graffiti coating on the lower eight feet of the tank. The project includes all common phases of construction customarily associated with this type of project.

- C) For Possible Action: To approve Contract No. 1415-144 a Joinder Contract for the purchase and installation of equipment and services pursuant to NRS 332.115(1)(m) from Stanley Convergent Security Solutions, Inc. through State of Nevada WSCA-NASPO Cooperative Purchasing Organization in the amount of \$200,000.00 to be funded from the Capital Outlay/Jail Lock Intercom Project Account in the Capital Projects Fund for \$140,000.00 and from the Machinery and Equipment/SCAAP Improvement Account in the Grant fund for \$60,000.00 as provided in FY 2014/2015. *(Kim Belt and Bob Keith)*

Staff Summary: The Board of Supervisors previously approved Contract No. 1415-127 to accomplish the purchase and installation of the Jail Lock Intercom software/hardware from Stanley Convergent Security Solutions, Inc. Due to a post-approval disagreement on the terms of said Contract between City staff and Stanley Convergent Security Solutions, Inc. and because a State of Nevada WSCA-NASPO Cooperative Purchasing Organization Master Price Agreement currently exists and which the parties agree to the terms in that contract, City staff is requesting the Board approve the Joinder Contract No. 1415-144 to replace Contract No. 1415-127.

## 18. Public Works - Environmental

For Possible Action: To approve a resolution to adopt the Community Source Water Protection Plan for Public Water Systems in Carson City (December 2014). *(David Bruketta)*

Staff Summary: With assistance from Resource Concepts Inc. (RCI), and the State of Nevada personnel, staff will discuss the State of Nevada's Integrated Source Water Protection Program and the Community Source Water Protection Plan for Public Water Systems in Carson City. In October 2012, the Board directed staff to participate in the Integrated Source Water Protection Program and update Carson City's

plan. The goal of this Program is to maintain a public, private, and community partnership dedicated to protecting public health and the environment by keeping drinking water sources free of contamination. Through grant money and direction provided by the Bureau of Water Pollution Control (BWPC) over the past two years, RCI provided guidance and assistance to staff and community representatives in completing the plan update. This update meets the current BWPC guidelines and reflects the present condition of drinking water resources in the Carson City area.

## 19. Finance

- A) For Possible Action: To adopt a resolution of intent, proposing the issuance of, and authorizing the publication of notices relating to, general obligation (limited tax) sewer bonds (additionally secured by pledged revenues) for the purpose of financing sewer projects for the City; providing the manner, form and contents of the notices; authorizing the City Manager or City Finance Director to arrange for the sale of the bonds; providing other matters properly related thereto; and providing the effective date hereof. *(Nick Providenti)*

Staff Summary: Staff is requesting the Board of Supervisors approve a resolution of intent to issue general obligation (limited tax) sewer bonds additional secured by pledged revenues and authorize the City Manager or City Finance Director to arrange for the sale of the bonds.

- B) For Possible Action: To accept the report on the condition of each fund in the treasury and the statements of receipts and expenditures through February 24, 2015 per NRS 251.030 and NRS 354.290. *(Nick Providenti)*

Staff Summary: NRS 251.030 requires the Finance Director (for the purpose of the statute acting as the County Auditor) to report to the Board of County Commissioners (or in our case the Board of Supervisors), at each regular meeting thereof, the condition of each fund in the treasury. NRS 354.290 requires the County Auditor to report to the Board of Supervisors a statement of revenues and expenditures based on the accounts and funds as were used in the budget. A more detailed accounting is available on the City's website – [www.carson.org](http://www.carson.org).

## 20. Parks and Recreation

- A) Presentation by the Capital City Arts Initiative on the art exhibition currently on display in the Community Center's Sierra Room. *(Vern Krahn and Sharon Rosse)*

Staff Summary: In discussions with City Manager, Nick Marano, Parks and Recreation Department staff, and CCAI representatives, a new venue has been established for CCAI's art exhibitions. This new venue is the Sierra Room in the Community Center.

- B) For Possible Action: To approve and accept the Schulz Ranch Landscape Maintenance District Petition for the planned Schulz Ranch Development as presented by Manhard Consulting LTD. *(Roger Moellendorf and Chris Baker)*

Staff Summary: During the December 18, 2014 Board of Supervisors meeting, Chris Baker of Manhard Consulting LTD and staff presented the Schulz Ranch Landscape Maintenance District Petition for the planned Schulz Ranch Development. No action was taken during the meeting as the Board had numerous questions regarding Landscape Maintenance District Petition process and some of the terminology used in the Petition. Staff and the consultant feel that the revised petition resolves the questions and concerns



expressed by the Board during the December 18, 2014 meeting. The Parks and Recreation Commission approved unanimously a recommendation for approval by the Board for acceptance with the added stipulation that all revenue derived from the landscape maintenance district to be dedicated solely to the maintenance of the proposed Schulz Ranch Development.

## 21. Community Development - Planning

- A) For Possible Action: To adopt Bill No. 104 on second reading, an ordinance to change the zoning of property located at 1001 Mountain Street and 608 and 610 W. Washington Street, APNs 001-201-15, -16, -26 and -27, from Public Community (PC) to Multi-Family Apartment (MFA). (ZMA-14-161) (*Susan Dorr Pansky*)

Staff Summary: The applicant wishes to construct a congregate care facility to provide memory care and skilled nursing services on the subject parcels, which is not an allowed use in the Public Community (PC) zoning district. A congregate care facility is allowed with the approval of a Special Use Permit in the Multi-Family Apartment (MFA) zoning district. The applicant received approval of a Special Use Permit from the Planning Commission for a congregate care facility on January 28, 2015. This Special Use Permit approval is contingent on the property being changed to the Multi-Family Apartment (MFA) zoning district.

### – Time Specific – 10:30 A.M. –

- B) For Possible Action: To prioritize the Community Support Services Grant (CSSG) funding for youth programs for FY2015-16. (*Janice Keillor/Kathy Bartosz*)

Staff Summary: The amount of CSSG funding available for all community support programs for fiscal year 2015-16 is estimated to be \$257,200. The funding source is Carson City's general fund. The CSSG is separated into two categories- general programs and youth programs. General programs typically receive \$185,000 and youth programs typically receive \$72,200. The Partnership Carson City Executive Board conducted a meeting on February 4, 2015 to review the CSSG youth applications and make funding recommendations for consideration by the Board of Supervisors.

- C) For Possible Action: To allocate the Community Development Block Grant (CDBG) and Community Support Services Grant (CSSG) funding for FY2015-16, and to open a 30-day public comment period from March 5 to April 3, 2015 for review of the Carson City draft CDBG 2015-16 Annual Action Plan to implement the Department of Housing and Urban Development (HUD) CDBG Program. (*Janice Keillor*)

Staff Summary: The CDBG funding available to Carson City for fiscal year 2015-16 is \$349,619, which is a reduction of \$13,343 from 2014-15. There will be \$52,442 (15% maximum) for public services activities, \$227,254 for public facilities and improvements, and \$69,923 (20% maximum) for planning and administration. The CSSG funding available to Carson City for fiscal year 2015-16 is estimated to be \$185,000. A community-based Application Review Workgroup (ARW) conducted a public meeting to interview the CDBG and CSSG applicants on February 4, 2015 and then ranked the applications for recommendation to the Board of Supervisors.

## 22. Board of Supervisors

Non-Action Items:

Legislative matters - no Board action will be taken - the Mayor may give limited staff direction regarding staff work and/or future agenda item(s).

Future agenda items

Status review of projects

Internal communications and administrative matters

Correspondence to the Board of Supervisors

Status reports and comments from the members of the Board

Staff comments and status report

**– LUNCH BREAK –**

**– RETURN – APPROXIMATE TIME – 1:30 P.M. –**

**23. City Manager**

- A) For Possible Action: To appoint two members to the Cultural Commission "Citizen-at-Large" positions each for a three year term expiring January 1, 2018. *(Nick Marano)*

Staff Summary: Per CCMC 2.41.040, "The Carson City Cultural Commission shall consist of seven (7) members appointed by the Board of Supervisors." There are two vacancies due to members' terms expiring. Danielle Cook and Robert Stansbury are seeking reappointment. Mary Fischer, Barbara D'Anneio and Joseph Paslov are new applicants.

- B) For Possible Action: To appoint two members to the Carson City Open Space Advisory Committee, each for a four year term that expires in January 2019. *(Nick Marano)*

Staff Summary: CCMC 13.06.040 provides for the Board of Supervisors to appoint seven members that serve staggered four year terms to the Open Space Advisory Committee. There are two openings due to members' terms expiring. Reappointment requests were received from Bruce Scott and Patricia Lincoln. Applications were received from Greg Bushner, Alan Welch, and Aaron Sims.

**24. Public Comment:\*\***

The public is invited at this time to comment on any matter that is not specifically included on the agenda as an action item. No action may be taken on a matter raised under this item of the agenda.

**25. For Possible Action: To Adjourn**

**\*\*PUBLIC COMMENT LIMITATIONS** - The Mayor and Supervisors meet at various times as different public bodies: the Carson City Board of Supervisors, the Carson City Liquor and Entertainment Board, the Carson City Redevelopment Authority, and the Carson City Board of Health. Each, as called to order, will provide at least two public comment periods in compliance with the minimum requirements of the Open Meeting Law prior to adjournment. In addition, it is the Carson City's aspirational goal to also provide for item-specific public comment as follows: In order for members of the public to participate in the public body's consideration of an agenda item, the public is strongly encouraged to comment on an agenda item when called for by the mayor/chair during the item itself. No action may be taken on a matter raised under public comment unless the item has been specifically included on the agenda as an item upon which action may be taken. The Mayor, Mayor Pro-Tem and Chair, also retain discretion to only provide for the Open Meeting Law's minimum public comment and not call for or allow additional individual-item public comment at the time of the body's consideration of the item when:

*1) it is deemed necessary by the mayor/chair to the orderly conduct of the meeting; 2) it involves an off-site non-action facility tour agenda item; or 3) it involves any person's or entity's due process appeal or hearing rights provided by statute or the Carson City Municipal Code.*

*Agenda Management Notice - Items on the agenda may be taken out of order; the public body may combine two or more agenda items for consideration; and the public body may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.*

*Titles of agenda items are intended to identify specific matters. If you desire detailed information concerning any subject matter itemized within this agenda, you are encouraged to call the responsible agency or the City Manager's Office. You are encouraged to attend this meeting and participate by commenting on any agenda item.*

*Notice to persons with disabilities: Members of the public who are disabled and require special assistance or accommodations at the meeting are requested to notify the City Manager's Office in writing at 201 North Carson Street, Carson City, NV, 89701, or by calling (775) 887-2100 at least 24 hours in advance.*

*This meeting can be viewed on Channel 191. For specific dates and times - [www.bactv.org](http://www.bactv.org).*

*To request a copy of the supporting materials for this meeting contact*

*Janet Busse at [jbusse@carson.org](mailto:jbusse@carson.org) or call (775) 887-2100.*

*This agenda and backup information are available on the City's website at [www.carson.org/agendas](http://www.carson.org/agendas) and at the City Manager's Office - City Hall, 201 N. Carson Street, Ste 2, Carson City, Nevada (775) 887-2100.*

This notice has been posted at the following locations:

Community Center 851 East William Street  
Public Safety Complex 885 East Musser Street  
City Hall 201 North Carson Street  
Carson City Library 900 North Roop Street  
Business Resource & Innovation Center (BRIC) 108 East Proctor Street

**Date: February 26, 2015**

**CARSON CITY BOARD OF SUPERVISORS**

**Minutes of the March 5, 2015 Meeting**

**Page 1**

A regular meeting of the Carson City Board of Supervisors was scheduled for 8:30 a.m. on Thursday, March 5, 2015 in the Community Center Sierra Room, 851 East William Street, Carson City, Nevada.

**PRESENT:** Mayor Robert Crowell  
Supervisor Karen Abowd, Ward 1  
Supervisor Brad Bonkowski, Ward 2  
Supervisor Lori Bagwell, Ward 3  
Supervisor Jim Shirk, Ward 4

**STAFF:** Nick Marano, City Manager  
Sue Merriwether, Clerk - Recorder  
Adriana Fralick, Chief Deputy District Attorney  
Kathleen King, Chief Deputy Clerk

**NOTE:** A recording of these proceedings, the Board's agenda materials, and any written comments or documentation provided to the Clerk, during the meeting, are part of the public record. These materials are available for review, in the Clerk's Office, during regular business hours.

**1 - 4. CALL TO ORDER, ROLL CALL, INVOCATION, AND PLEDGE OF ALLEGIANCE** (8:30:27) - Mayor Crowell called the meeting to order at 8:30 a.m. Ms. Merriwether called the roll; a quorum was present. A Carson City Sheriff's Office Chaplain provided the invocation. At Mayor Crowell's request, Maurice White led the pledge of allegiance.

**5. PUBLIC COMMENT** (8:33:18) - Mayor Crowell entertained public comment. (8:33:38) Gianna Shirk advised that she had been recently elected to the position of Shade Tree Council Chair, and Gary Borst to the position of Vice Chair. Ms. Shirk reviewed the purview of the Shade Tree Council, and upcoming agenda items and activities. Ms. Shirk acknowledged two vacancies on the Shade Tree Council. Mayor Crowell entertained additional public comment; however, none was forthcoming.

**6. POSSIBLE ACTION ON ADOPTION OF AGENDA** (8:37:20) - Mayor Crowell advised that item 20(B) would be deferred to a future meeting. He entertained additional modifications to the agenda and, when none were forthcoming, deemed it adopted, as published.

**7. SPECIAL PRESENTATION OF A PROCLAMATION FOR NEVADA MOVES DAY, MARCH 18, 2015** (8:38:00) - Mayor Crowell invited Western Nevada Safe Routes to School Coordinator Cortney Bloomer to join him at the podium, where he read into the record the language of a Proclamation, the original of which he presented to Ms. Bloomer. Ms. Bloomer provided background information on Nevada Moves Day and the Safe Routes to School Program. Mayor Crowell thanked Ms. Bloomer.

**8. RECESS BOARD OF SUPERVISORS** (8:40:59) - Mayor Crowell recessed the Board of Supervisors at 8:40 a.m.

**LIQUOR AND ENTERTAINMENT BOARD**

**9. CALL TO ORDER AND ROLL CALL** (8:41:05) - Chairperson Crowell called the Liquor and Entertainment Board to order at 8:41 a.m., noting the presence of a quorum, including Member Ken Furlong.

**CARSON CITY BOARD OF SUPERVISORS**

**Minutes of the March 5, 2015 Meeting**

**Page 6**

<b>RESULT:</b>	Approved [5 - 0]
<b>MOVER:</b>	Supervisor Brad Bonkowski
<b>SECOND:</b>	Supervisor Jim Shirk
<b>AYES:</b>	Supervisors Bonkowski, Shirk, Abowd, Bagwell, and Mayor Crowell
<b>NAYS:</b>	None
<b>ABSENT:</b>	None
<b>ABSTAIN:</b>	None

**18. PUBLIC WORKS DEPARTMENT, ENVIRONMENTAL DIVISION - POSSIBLE ACTION TO APPROVE A RESOLUTION TO ADOPT THE COMMUNITY SOURCE WATER PROTECTION PLAN FOR PUBLIC WATER SYSTEMS IN CARSON CITY (9:57:31)** - Mayor Crowell introduced this item, and Utility Manager David Bruketta provided background information. Nevada Division of Environmental Protection Integrated Source Water Protection Program Coordinator Kim Borgzinner reviewed the Community Source Water Protection Plan, which was displayed in the meeting room and copies of which were included in the agenda materials. (10:03:37) Jill Sutherland, of Resource Concepts, Inc., provided background information on development of the plan, and responded to questions of clarification. Mayor Crowell entertained additional comments or questions of the Board members; however, none were forthcoming.

Mayor Crowell entertained public comment. (10:08:30) In response to a question from Maurice White, Ms. Sutherland explained the Open Space Administrator's role in the planning effort. Mayor Crowell entertained additional public comment; however, none was forthcoming.

Mayor Crowell entertained a motion. **Supervisor Shirk moved to approve Resolution No. 2015-R-12 to adopt the Community Source Water Protection Plan for Public Water Systems in Carson City. Supervisor Bonkowski seconded the motion.** Mayor Crowell entertained discussion on the motion and, when none was forthcoming, called for a vote.

<b>RESULT:</b>	Approved [5 - 0]
<b>MOVER:</b>	Supervisor Jim Shirk
<b>SECOND:</b>	Supervisor Brad Bonkowski
<b>AYES:</b>	Supervisors Shirk, Bonkowski, Abowd, Bagwell, and Mayor Crowell
<b>NAYS:</b>	None
<b>ABSENT:</b>	None
<b>ABSTAIN:</b>	None

**19. FINANCE DEPARTMENT**

**19(A) POSSIBLE ACTION TO ADOPT A RESOLUTION OF INTENT, PROPOSING THE ISSUANCE, AND AUTHORIZING THE PUBLICATION, OF NOTICES RELATING TO, GENERAL OBLIGATION (LIMITED TAX) SEWER BONDS (ADDITIONALLY SECURED BY PLEDGED REVENUES) FOR THE PURPOSE OF FINANCING SEWER PROJECTS FOR THE CITY; PROVIDING THE MANNER, FORM, AND CONTENTS OF THE NOTICES; AUTHORIZING THE CITY MANAGER OR CITY FINANCE DIRECTOR TO ARRANGE FOR THE SALE OF THE BONDS; PROVIDING OTHER MATTERS PROPERLY RELATED THERETO; AND PROVIDING THE EFFECTIVE DATE HEREOF (10:11:22)** - Mayor Crowell

**City of Carson City  
Agenda Report**

**Date Submitted:** February 24, 2015

**Agenda Date Requested:** March 5, 2015

**Time Requested:** 10 min

**To:** Mayor and Supervisors

**From:** Public Works – Environmental Division

2015.R.12

**Subject Title:** For Possible Action: Action to approve Resolution # \_\_\_\_\_ to adopt the Community Source Water Protection Plan for Public Water Systems in Carson City (December 2014).

**Staff Summary:** With assistance from Resource Concepts Inc., (RCI), and the State of Nevada personnel, staff will discuss the State of Nevada's Integrated Source Water Protection Program and the Community Source Water Protection Plan for Public Water Systems in Carson City. In October 2012, the Board directed staff to participate in the Integrated Source Water Protection Program and update Carson City's plan. The goal of this Program is to maintain a public, private, and community partnership dedicated to protecting public health and the environment by keeping drinking water sources free of contamination. Through grant money and direction provided by the Bureau of Water Pollution Control (BWPC) over the past two years, RCI provided guidance and assistance to staff and community representatives in completing the plan update. This update meets the current BWPC guidelines and reflects the present condition of drinking water resources in the Carson City area.

**Type of Action Requested:** (check one)

☒ Resolution

☐ Ordinance

☐ Formal Action/Motion

☐ Other (Specify)

**Does This Action Require A Business Impact Statement:** ☐ Yes ☒ No

**Recommended Board Action:** I move to approve Resolution # \_\_\_\_\_ to adopt the Community Source Water Protection Plan for Public Water Systems in Carson City (December 2014).

**Explanation for Recommended Board Action:** The Community Source Water Protection Plan for Public Water Systems in Carson City updates the 15 year old Carson City Wellhead Protection Plan to be consistent with the current BWPC guidelines and water system characteristics. Approving this Resolution will ensure endorsement of the Carson City plan by BWPC and eligibility for future grant funding.

**Applicable Statute, Code, Rule or Policy:** NA

**Fiscal Impact:** NA

**Explanation of Impact:** NA

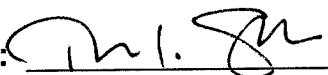
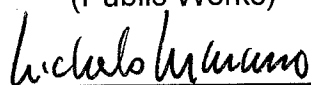
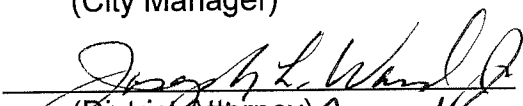
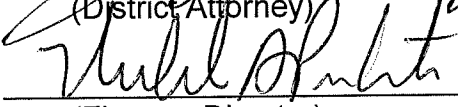
**Funding Source:** NA

**Alternatives:** Provide other direction to staff.

**Supporting Material:**

- Community Source Water Protection Plan for Public Water Systems in Carson City (December 2014). Pursuant to NRS 239C.090, Appendices A, C, and D were not provided because they include information about sensitive water system infrastructure and are considered restricted documents. These appendices are available for review at the Carson City Public Works office, in accordance with NRS 239C.220.
- Letter of support to participate in the Integrated Source Water Protection Program, dated October 18, 2012.

**Prepared By:** David Bruketta, Utility Manager

**Reviewed By:**  Date: 2/24/15  
(Public Works)  
 Date: 2/24/15  
(City Manager)  
 Date: 2/24/15  
(District Attorney)  
 Date: 2/24/15  
(Finance Director)

**Board Action Taken:**

Motion: App 1) JS Aye/Nay 5/0  
2) BB  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

  
(Vote Recorded By)

RESOLUTION NO. 2015-R-12

A RESOLUTION ADOPTING THE COMMUNITY SOURCE  
WATER PROTECTION PLAN FOR PUBLIC WATER  
SYSTEMS IN CARSON CITY

WHEREAS, on October 18, 2012 the Carson City Board of Supervisors approved the City's participation in the State of Nevada's Integrated Source Water Protection Program (ISWPP), a voluntary program undertaken to prevent pollution of community drinking water resources; and

WHEREAS, the resulting "Community Source Water Protection Plan for Public Water Systems in Carson City" (CSWP Plan) was prepared over a period of 2 years through research and work by the local planning team, primarily composed of representatives from the various public water systems within Carson City, and local and state government; and

WHEREAS, the CSWP Plan provides a framework for long-term protection of public drinking water sources, addresses CSWP Plan maintenance procedures, and describes source water protection strategies for the Carson City; and

WHEREAS, adoption of the CSWP Plan by the Board of Supervisors is a prerequisite for State of Nevada endorsement and grants to implement actions/projects recommended in the CSWP Plan; and

WHEREAS, the Board of Supervisors hereby finds that is in the best interest of Carson City to adopt the CSWP Plan to help guide activities to protect the City's drinking water sources.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors that:

1. The "Community Source Water Protection Plan for Public Water Systems in Carson City," dated December 2014, is hereby Adopted as an official plan of Carson City;
2. Staff is directed to pursue implementation of the action plans identified in the CSWP Plan; and

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3. Future revisions and CSWP Plan maintenance required under the ISWPP are hereby adopted as part of this resolution for a period of five (5) years from the date of this resolution.


Upon motion by Supervisor Jim Shirk, seconded by Supervisor Brad Bonkowski, the foregoing Resolution was passed and adopted this 5<sup>th</sup> day of March, 2015 by the following vote:

AYES: Supervisor Jim Shirk  
Supervisor Brad Bonkowski  
Supervisor Karen Abowd  
Supervisor Lori Bagwell  
Mayor Robert Crowell

NAYS: None.

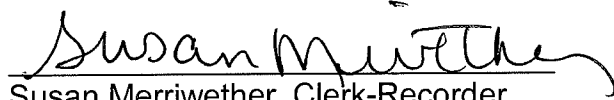
ABSENT: None.

ABSTAIN: None.



Robert L. Crowell, Mayor  
Carson City, Nevada

ATTEST



Susan Merriwether, Clerk-Recorder  
Carson City, Nevada

COMMUNITY SOURCE WATER PROTECTION PLAN DEVELOPMENT  
CARSON CITY - PRELIMINARY SCOPING MEETING  
AUGUST 8, 2012

**AGENDA**

**1. RCI's Scope and Roll**

- a. Direct assistance to NDEP
- b. Technical assistance for countywide plan (CSWPP)
- c. Implementation of plan

**2. CSWPP – County Wide, State Endorsable**

- a. Develop Team
- b. Inventory Public Water Systems and delineate “Source Water Protection Areas”
- c. Inventory contaminant sources
- d. Develop local management strategies
- e. Share Information
  - i. Contingency plan
  - ii. New well siting
  - iii. Implementation/action plan
  - iv. Public education/outreach)

**3. Team Development**

- a. Members
  - i. Public water systems
  - ii. Federal land management agencies
  - iii. NDEP
  - iv. Carson City
    - Environmental Health
    - Public Works
    - Planning and Community Development
    - Open Space
    - Fire Department
- b. Approach
  - i. Invitation to participate
  - ii. Board of Supervisors
  - iii. Kick Off meeting
  - iv. Team meetings

COMMUNITY SOURCE WATER PROTECTION PLAN DEVELOPMENT  
CARSON CITY - PRELIMINARY SCOPING MEETING  
AUGUST 8, 2012, 8:30 – 9:30 A.M.  
**SUMMARY NOTES**

**Attending**

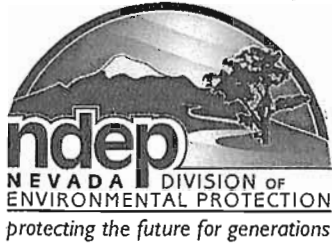
David Bruketta, Tom Guinn, Kim Borgzinner, Marvin Tebeau, Jill Sutherland

**Discussion**

1. Update of existing State endorsed plan
  - Wells outside boundaries (Well 50)
  - Electronic copy
  - GIS and mapping
2. GIS contacts: Erik Schmitt and Lali Parasa
  - Resulting GIS info to NDEP and Carson City
  - Joint effort with Lyon County and Douglas County
3. Plan update process
  - Technical review and update first step
  - Contact PWSs
  - Board of Supervisor's endorsement
  - Form Team with planning, other departments, to develop management strategies
4. CC Board presentation by Kim coord. with Tom
  - Info to Tom first week Sept.
  - Info to Board Sept. 14th for agenda item
  - Board meeting Thursday, October 4th
  - 1 page on what RCI doing, PowerPoint OK
  - Product: mapping, ordinance update, education grant opportunity, etc.
5. Schedule: Jill forward to Tom and David
  - Start immediately
  - Finish in 12 months
  - Board approval and then State Endorsement

**Action Items**

1. Jill send schedule to CC, contact David for meeting to gather technical data (Rit Palmer, David, Tom, Kim), and set up meeting with Erik Schmitt
2. Kim to copy Carson City WHP for RCI, send letter to CC public water systems, and send Tom info on Board presentation to get on agenda for 10/4/2012



**STATE OF NEVADA**  
Department of Conservation & Natural Resources  
DIVISION OF ENVIRONMENTAL PROTECTION

*Brian Sandoval, Governor*  
*Leo M. Drozdoff, P.E., Director*  
*Colleen Cripps, Ph.D., Administrator*

August 27, 2012

SKEET SELLERS  
TERRACE GARDEN APARTMENTS  
PO BOX 1699  
DAYTON, NV 89403

RE: Community Wide Source Water/Wellhead Protection Plan Development in Carson City

Mr. SELLERS,

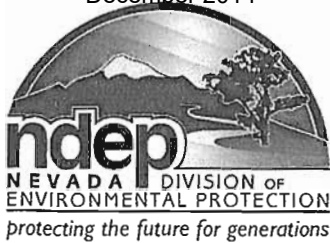
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August 27, 2012

LINDA MUELLER  
TERRACE GARDEN APARTMENTS  
PO BOX 2917  
CARSON CITY, NV 89702

RE: Community Wide Source Water/Wellhead Protection Plan Development in Carson City

Ms. MUELLER,

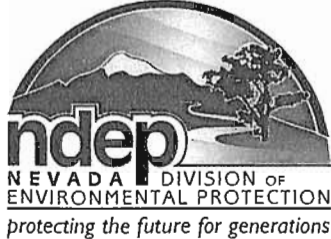
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August 27, 2012

PETER ETCHART  
STATE PUBLIC WORKS BOARD, STEWART COMPLEX  
515 EAST MUSSER STREET, SUITE 102  
CARSON CITY, NV 89701

RE: Community Wide Source Water/Wellhead Protection Plan Development in Carson City

Mr. ETCHART,

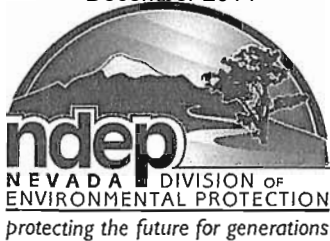
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August 27, 2012

JERALD WALKER  
STEWART COMPLEX  
406 E SECOND STREET, Suite 1  
CARSON CITY, NV 89701

RE: Community Wide Source Water/Wellhead Protection Plan Development in Carson City

Mr. WALKER,

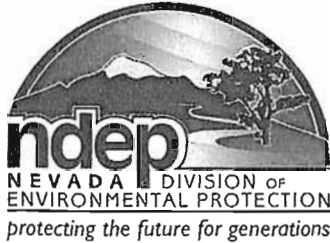
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August 27, 2012

MARIE ETCEMENDY  
MILLHOUSE INN MOTEL  
3251 S CARSON ST  
CARSON CITY, NV 89701

RE: Community Wide Source Water/Wellhead Protection Plan Development in Carson City

Ms. ETCEMENDY,

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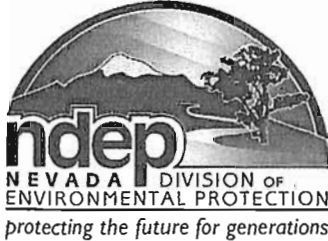
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August 27, 2012

JOHN UHART  
NORTH CARSON ST LLC  
301 W WASHINGTON STREET SUITE 1  
CARSON CITY, NV 89703

RE: Community Wide Source Water/Wellhead Protection Plan Development in Carson City

Mr. UHART,

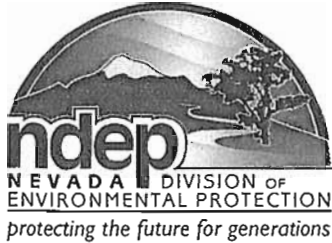
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August 27, 2012

KENNETH KANOFF  
SPB UTILITY SERVICES  
430 STOKER AVE STE 207  
RENO, NV 89503

RE: Community Wide Source Water/Wellhead Protection Plan Development in Carson City

Mr. KANOFF,

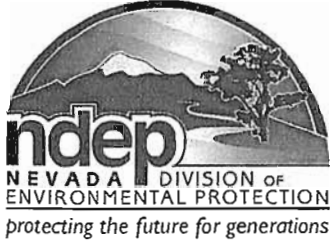
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August 27, 2012

ALBERT FISCHER  
COTTONWOOD MHP  
PO BOX 1943  
CARSON CITY, NV 89702

RE: Community Wide Source Water/Wellhead Protection Plan Development in Carson City

Mr. FISCHER,

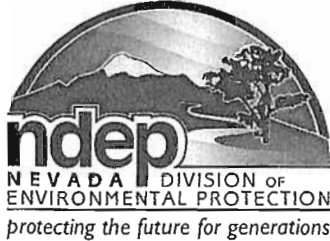
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August 27, 2012

KATHLEEN WILLIAMS  
COTTONWOOD MHP  
PO BOX 1943  
CARSON CITY, NV 89702

RE: Community Wide Source Water/Wellhead Protection Plan Development in Carson City

Ms. WILLIAMS,

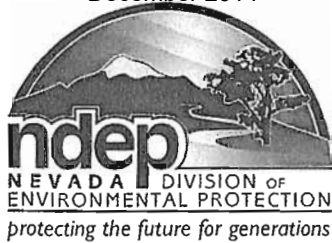
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August 27, 2012

THOMAS GUINN  
CARSON CITY PUBLIC WORKS  
3505 BUTTI WAY  
CARSON CITY, NV 89701

RE: Community Wide Source Water/Wellhead Protection Plan Development in Carson City

Mr. GUINN,

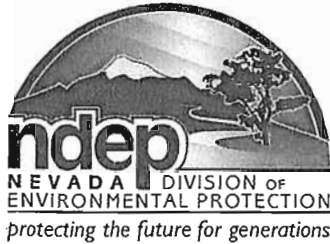
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RIT PALMER  
CARSON CITY PUBLIC WORKS  
3505 BUTTI WAY  
CARSON CITY, NV 89701

RE: Community Wide Source Water/Wellhead Protection Plan Development in Carson City

Mr. PALMER,

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## 10-18-12 Agenda with Supporting Materials

**CARSON CITY CONSOLIDATED MUNICIPALITY  
NOTICE OF MEETING OF THE  
CARSON CITY BOARD OF SUPERVISORS  
AND CARSON CITY LIQUOR AND ENTERTAINMENT BOARD  
AND CARSON CITY REDEVELOPMENT AUTHORITY**

**Day:** Thursday  
**Date:** October 18, 2012  
**Time:** Beginning at 8:30 a.m.  
**Location:** Community Center, Sierra Room  
851 East William Street  
Carson City, Nevada

### Agenda

- 1. Call to Order - Board of Supervisors**
- 2. Roll Call**
- 3. Invocation - Brian Underwood, Sierra Lutheran High School**
- 4. Pledge of Allegiance**
- 5. Public Comments and Discussion:**

The public is invited at this time to comment on and discuss any topic that is relevant to, or within the authority of, the Carson City Board of Supervisors, the Carson City Liquor and Entertainment Board, the Carson City Redevelopment Authority and the Carson City Board of Health (Boards). In order for members of the public to participate in the Boards' consideration of an agenda item, the Boards strongly encourage members of the public to comment on an agenda item during the item itself. No action may be taken on a matter raised under public comment unless the item has been specifically included on the agenda as an item upon which action may be taken. The Mayor, or the Mayor Pro-Tem, retains discretion to only provide for public comment under a public comment item and not call for or allow individual-item public comment at the time of any Boards' consideration of any item on the agenda involving: 1) an off-site tour by the Board; or 2) any person's or entity's due process appeal or hearing rights provided by statute or the Carson City Municipal Code.

- 6. For Possible Action: Approval of Minutes - September 20, 2012**
- 7. For Possible Action: Adoption of Agenda**
- 8. Consent Agenda**

All matters listed under the consent agenda are considered routine and may be acted upon by the Board of Supervisors with one action and without an extensive hearing. Any member of the Board or any citizen may request that an item be taken from the consent agenda, discussed and acted upon separately during this meeting. The Mayor, or the Mayor Pro-Tem, retains discretion in deciding whether or not an item will be pulled off the consent agenda.

#### **8-1. Assessor**

For Possible Action: To approve the increase of the taxes from the 2012/13 real property tax roll for Assessor's parcel number 001-103-14 (1851 N Nevada St) per NRS 361.091 and NRS 361.765 in the amount of \$793.64. (Kimberly Adams)

Staff Summary: The Assessor's Office is requesting the Board of Supervisors to increase the taxes

Appendix B  
December 2014

Meeting & Public Participation Documentation

for the 2012/13 real property tax roll from Assessor's parcel number 001-103-14 (1851 N Nevada St.) in the amount of \$793.64 per NRS 361.091 and NRS 361.765. The disabled veteran received his exemption both in Carson City and in Douglas County. Nevada law states you may only apply in the county in which you reside, therefore, he was only entitled to one exemption. In addition, the owner received the 3% owner occupied tax cap on their property located in Douglas County and Carson City. Per NRS 361.4723 (a) "Primary residence of the owner" means a residence which: (1) Is designated by the owner as the primary residence of the owner in this State, exclusive of any other residence of the owner in this State. The Assessor's office is requesting that the disabled veterans' exemption be removed and that the abatement be adjusted so that the taxes reflect the correct alternate tax cap for the 2012/13 tax year per NRS 361.091 and NRS 361.765.

## 8-2. Finance

For Possible Action: To accept the report on the condition of each fund in the treasury and the statements of receipts and expenditures through October 9, 2012 per NRS 251.030 and NRS 354.290. (Nick Providenti)

Staff Summary: NRS 251.030 requires the Finance Director (for the purpose of the statute acting as the County Auditor) to report to the Board of County Commissioners (or in our case the Board of Supervisors), at each regular meeting thereof, the condition of each fund in the treasury. NRS 354.290 requires the County Auditor to report to the Board of Supervisors a statement of revenues and expenditures based on the accounts and funds as were used in the budget. A more detailed accounting is available on the City's website - [www.carson.org](http://www.carson.org).

## 8-3. Purchasing and Contracts

A) For Possible Action: To approve Contract No. 1213-107 Pursuant to NRS 332.115(1)(b) and NRS 625.530 with Carollo Engineers, Inc., to provide Professional Services for Wastewater Reclamation Plant Digester Rehabilitation Project - Phase 1 through July 1, 2013 for a not to exceed amount of \$92,156.00 to be funded from the Wastewater Professional Services Account as provided FY 2012/2013. (Kim Belt)

Staff Summary: This contract is to provide project management, detailed design, and supplemental services for the Wastewater Reclamation Plant Digester Rehabilitation Project - Phase I. Carollo Engineers, Inc. conducted structural assessments of Carson City's Digesters and determined that the Dome in Digester 1 needed to be replaced and an interior assessment of Digester 2 needed to be completed.

B) For Possible Action: To approve Contract No. 1213-108, Joinder Contract with American Emergency Vehicles through the Houston-Galveston Area Counsel (H-GAC) for the purchase of a Ford F450 Type 1 TraumaHawk Ambulance for a not to exceed amount of \$180,016.00 to be funded from the Capital Outlay/Ambulance Fund as provided for in FY 2012/2013. (File No. 1213-108). (Kim Belt)

Staff Summary: The Fire Department has been authorized to purchase an Ambulance. This purchase request will utilize the Houston-Galveston Area Counsel buying cooperative to acquire the ambulance. This ambulance will replace a 2002 ambulance that has over 120,000 miles.

## 8-4. City Manager

For Possible Action: To ratify the approval of bills and other requests for payments by the City Manager for the period of September 11, 2012 thru October 8, 2012. (Larry Werner)

Staff Summary: All bills or other requests for payment verified per CCMC 2.29.010 shall be presented by the controller, together with the register book of demands and warrants to the city manager who shall audit the same, and if found authorized, correct and legal, shall signify by his



## Appendix B

December 2014

## Meeting &amp; Public Participation Documentation

signature, as agent for the board, upon the register book of demands and warrants those demands which are approved or disapproved by him. Upon approval, the warrants, as prepared aforesaid, shall issue. The City Manager shall then cause the register book of bills and other requests for payment and warrants to be presented at least once a month to the board of supervisors, who shall by motion entered into its minutes, ratify the action taken on the bills or other requests for payment.

**8-5. District Attorney**

For Possible Action: To approve an upgrade of one Legal Secretary I position to a Legal Secretary II position within the Carson City District Attorney's Office. (Randal Munn)

Staff Summary: Approval of this upgrade will change the position allocations in the District Attorney's Office from one (1) Legal Secretary I position, one (1) Legal Secretary II position, and four (4) Legal Secretary III positions to two (2) Legal Secretary II positions and four (4) Legal Secretary III positions. Upgrade of one position will permit the promotion of an existing Legal Secretary based on merit and appropriately compensate her for the quality and quantity of her work.

**(End of Consent Agenda)****9. Recess as Board of Supervisors****Liquor and Entertainment Board****10. Call to Order & Roll Call - Liquor and Entertainment Board****11. For Possible Action: Approval of Minutes - September 6, 2012 and September 20, 2012****12. Public Works - Business License**

For Possible Action: To approve Monira Saly as the liquor manager for Sushi Delight (Liquor License #13-27649) located at 111 E. Telegraph St., Carson City. (Jennifer Pruitt)

Staff Summary: All liquor license requests are to be reviewed by the Liquor Board per CCMC 4.13. Monira Saly will replace the current liquor manager.

**13. Public Comment****14. For Possible Action: To Adjourn as the Liquor and Entertainment Board****15. Reconvene as the Board of Supervisors****Ordinances, Resolutions, and Other Items****16. Any item(s) pulled from the Consent Agenda will be heard at this time.****17. Health and Human Services**

For Possible Action: To accept a sub-grant in the amount of \$118,085 for year one and \$310,828 for year two, for a total of \$428,913 over a two year period, from the Nevada State Health Division Bureau of Child, Family & Community Wellness: Immunization Program. The grant will be awarded on approximately October 25, 2012. The purpose of this grant is to implement school located immunizations that are sustained through third party billing. (Marena Works)

Staff Summary: The funding, which originates from the Centers for Disease Control (CDC), will be used to support 1 FTE Registered Nurse and 1 part-time Registered Nurse plus vaccine and travel

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monies. The focus will be on vaccinating for Tdap (Tetanus, diphtheria and pertussis) in the school setting.

**18. Recess as Board of Supervisors****Redevelopment Authority****19. Call to Order & Roll Call - Redevelopment Authority****20. For Possible Action: Approval of Minutes - July 5, 2012****21. Special Presentation**

Presentation of the 2012 Christmas ornament to Pastors Rob and Dixie Jennings-Teats from the First United Methodist Church. (*Shelly Aldean*)

**22. Public Comment****23. For Possible Action: To Adjourn as the Redevelopment Authority****24. Reconvene as the Board of Supervisors****25. Parks and Recreation - Open Space**

For Possible Action: A public hearing to determine, pursuant to NRS 244.281(1)(c) the fair market value of APN 008-523-09 containing 1.02 acres is \$115,000 and that the fair market value of easements is \$30,000 for county real estate located in the vicinity of Capitol Loans at 5951 Highway 50 East. (*Juan Guzman*)

Staff Summary: The purpose of this hearing is for the Board of Supervisors to determine the fair market value of property and easements on APN 008-523-09 in accordance with the provisions of NRS 244.2795.1(a). This is an initial step of several needed to sell easements and/or the entire property.

**26. Parks and Recreation**

For Possible Action: To approve the submittal of a Southern Nevada Public Land Management Act (SNPLMA) grant application for capital improvements to the lower sports complex at JohnD Winters Centennial Park, to authorize Roger Moellendorf, Parks and Recreation Director to sign the grant application on behalf of Carson City, and to authorize the Mayor to sign a letter of support for the project. (*Joel Dunn / Juan Guzman*)

Staff Summary: Carson City has the opportunity to apply for a Southern Nevada Public Land Management Act (SNPLMA) grant in Round 14 for capital improvements to the lower sports complex at JohnD Winters Centennial Park. Parks and Recreation Department staff is requesting Board of Supervisors approval to apply for this grant.

**27. Public Works - Planning and Zoning**

For Possible Action: To approve an extension of time for acting on the filing of a final map for the Tentative Subdivision Map known as Combs Canyon I, consisting of 23 lots on approximately 57 acres, located approximately 400 feet northwest of the intersection of Combs Canyon Road and Timberline Drive, extending the date by which a final map must be filed to January 17, 2013, in order to allow time for the developer and the City to enter into a development agreement to provide for further extensions of time. (*Lee Plemel*) **Late Material**

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Staff Summary: The Combs Canyon I subdivision was originally approved in October 2006 and the Board of Supervisors granted two-year extension of the approval in 2010. The subdivision approval will expire on October 19, 2012, unless the Board of Supervisors approves an extension.

**28. Public Works**

For Possible Action: To approve and authorize the Mayor to sign a letter of support for participation in the Integrated Source Water Protection Program. (Andrew Burnham)

Staff Summary: Presentation from Kim Borgzinner, Staff Engineer, for the Division of Environmental Protection, Bureau of Water Pollution Control; is providing an overview of the State's Integrated Source Water Protection Program (also referred to as "ISWPP") and requesting Carson City's support for and participation in the ISWPP.

**29. Board of Supervisors**

Non-Action Items:

Status review of projects

Internal communications and administrative matters

Correspondence to the Board of Supervisors

Status reports and comments from the members of the Board

Staff comments and status report

**EVENING SESSION -- 4:30 P.M.****30. City Manager**

A) For Possible Action: To appoint one member to the Carson City Airport Authority to the Citizen-at-Large position for a term that expires in October 2013. (Larry Werner)

Staff Summary: There is one open position on the Airport Authority for a Manufacturer due to a member's resignation. No applications were received for the Manufacturer position. The 2011 Statutes of Nevada allow for the Board of Supervisors to appoint a member who represents the general public if they are unable to find a qualified Manufacturer to fill the position. An application was received from Ray English for the Citizen-at-Large position. No other applications were received.

B) For Possible Action: To appoint one member to the Carson City Parks and Recreation Commission to fill a four-year term that expires in January 2016. (Larry Werner)

Staff Summary: CCMC 2.16 .010 and NRS 244.3076 provide for a Parks and Recreation Commission to be composed of no more than nine members. Members shall be appointed by the Board of Supervisors. There is one opening due to a member's resignation. Applications have been received from the following persons: Joan Colburn, Lee-Ann Keever, and Jennifer Veneziano. No other applications were received.

**31. Public Comment:** The public is invited at this time to comment on any matter that is not specifically included on the agenda as an action item. No action may be taken on a matter raised under this item of the agenda.

**32. For Possible Action: To Adjourn**

Agenda Management Notice - Items on the agenda may be taken out of order; the public body may combine two or more agenda items for consideration; and the public body may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.

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Meeting & Public Participation Documentation

Copies of information related to the above items can be viewed in the City Manager's Office.

Titles of agenda items are intended to identify specific matters. If you desire detailed information concerning any subject matter itemized within this agenda, you are encouraged to call the responsible agency or the City Manager's Office. You are encouraged to attend this meeting and participate by commenting on any agenda item.

Notice to persons with disabilities: Members of the public who are disabled and require special assistance or accommodations at the meeting are requested to notify the City Manager's Office in writing at 201 North Carson Street, Carson City, NV, 89701, or by calling (775)887-2100 at least 24 hours in advance.

This meeting can be viewed on Channel 226. For specific dates and times - [www.bactv.org](http://www.bactv.org).

This notice has been posted at the following locations:

Community Center 851 East William Street  
Public Safety Complex 885 East Musser Street  
City Hall 201 North Carson Street  
Carson City Library 900 North Roop Street  
Business Resource & Innovation Center (BRIC) 108 East Proctor Street

Date: October 11, 2012

Last updated date: 10/12/2012 3:19:22 PM

**CARSON CITY BOARD OF SUPERVISORS**

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A regular meeting of the Carson City Board of Supervisors was scheduled for 8:30 a.m. on Thursday, October 18, 2012 in the Community Center Sierra Room, 851 East William Street, Carson City, Nevada.

**PRESENT:** Mayor Robert Crowell  
Supervisor Karen Abowd, Ward 1  
Supervisor Shelly Aldean, Ward 2  
Supervisor John McKenna, Ward 3  
Supervisor Molly Walt, Ward 4

**STAFF:** Larry Werner, City Manager  
Alan Glover, Clerk - Recorder  
Randal Munn, Chief Deputy District Attorney  
Kathleen King, Deputy Clerk / Recording Secretary

**NOTE:** A recording of these proceedings, the Board's agenda materials, and any written comments or documentation provided to the Clerk during the meeting are part of the public record. These materials are available for review, in the Clerk's Office, during regular business hours.

**1 - 4. CALL TO ORDER, ROLL CALL, INVOCATION, AND PLEDGE OF ALLEGIANCE**

(8:31:50) - Mayor Crowell called the meeting to order at 8:31 a.m. Mr. Glover called the roll; a quorum was present. Brian Underwood, of Sierra Lutheran High School, provided the invocation. At Mayor Crowell's request, Maurice White led the pledge of allegiance.

**5. PUBLIC COMMENTS AND DISCUSSION (8:34:15)** - Mayor Crowell entertained public comment. (8:34:32) Cory Cormiere, representing TrashCo, referred to his testimony provided at the October 4<sup>th</sup> Board of Supervisors meeting. He advised of an "indication that the City is addressing the issue." He inquired as to an update on the situation. Public Works Department Director Andy Burnham advised that notices had been sent yesterday to all landfill account users that "we're going to extend the credit accounts and some new policies go into place to make sure our liability is limited." Mayor Crowell provided background information on a sizable delinquent account "that skipped town ..." He requested Mr. Cormiere to convey to his "community" that the City "want[s] to be user friendly but we don't want to be on the receiving end of a bad debt ..." He thanked Mr. Cormiere for bringing the matter to the Board's attention. Mr. Cormiere requested that the independent dumpster service providers in Northern Nevada be considered for hauling commercial and construction debris at the time the Waste Management franchise agreement is considered for renewal. Mr. Werner provided clarification of the agreement renewal provisions. Mayor Crowell directed Mr. Cormiere to the Carson City Municipal Code for review of the franchise agreement. Mayor Crowell entertained additional public comment; however, none was forthcoming.

**6. POSSIBLE ACTION ON APPROVAL OF MINUTES - September 20, 2012 (8:38:30)** - Mayor Crowell entertained revisions to the minutes and, when none were forthcoming, a motion. **Supervisor Aldean moved to approve the minutes, as presented. The motion was seconded and carried 5-0.**

**7. POSSIBLE ACTION TO ADOPT THE AGENDA (8:39:06)** - Mayor Crowell entertained modifications to the agenda and, when none were forthcoming, a motion to approve the agenda as published. **Supervisor Aldean so moved. The motion was seconded and carried 5-0.**

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**8. CONSENT AGENDA (8:39:28)** - Mayor Crowell entertained requests to hear items separate from the consent agenda. When none were forthcoming, he entertained a motion. **Supervisor Aldean moved to approve the consent agenda, consisting of one item from the Assessor's Office, one item from Finance, two items from Purchasing and Contracts, one item from the City Manager's Office, and one item from the District Attorney. Supervisor Abowd seconded the motion. Motion carried 5-0.**

**8-1. ASSESSOR - POSSIBLE ACTION TO APPROVE THE INCREASE OF TAXES FROM THE 2012 / 13 REAL PROPERTY TAX ROLL FOR ASSESSOR'S PARCEL NUMBER 001-103-14, 1851 NORTH NEVADA STREET, PURSUANT TO NRS 361.091 AND NRS 361.765, IN THE AMOUNT OF \$793.64**

**8-2. FINANCE DEPARTMENT - POSSIBLE ACTION TO ACCEPT THE REPORT ON THE CONDITION OF EACH FUND IN THE TREASURY AND THE STATEMENTS OF RECEIPTS AND EXPENDITURES, THROUGH OCTOBER 9, 2012, PURSUANT TO NRS 251.030 AND NRS 354.290**

**8-3. PURCHASING AND CONTRACTS**

**8-3(A) POSSIBLE ACTION TO APPROVE CONTRACT NO. 1213-107, PURSUANT TO NRS 332.115(1)(b) AND NRS 625.530, WITH CAROLLO ENGINEERS, INC. TO PROVIDE PROFESSIONAL SERVICES FOR WASTEWATER RECLAMATION PLANT DIGESTER REHABILITATION PROJECT - PHASE 1, THROUGH JULY 1, 2013, FOR A NOT-TO-EXCEED AMOUNT OF \$92,156.00, TO BE FUNDED FROM THE WASTEWATER PROFESSIONAL SERVICES ACCOUNT, AS PROVIDED IN FY 2012 / 2013**

**8-3(B) POSSIBLE ACTION TO APPROVE CONTRACT NO. 1213-108, JOINDER CONTRACT WITH AMERICAN EMERGENCY VEHICLES THROUGH THE HOUSTON-GALVESTON AREA COUNCIL (H-GAC), FOR THE PURCHASE OF A FORD F450, TYPE 1 TRAUMAHAWK AMBULANCE, FOR A NOT-TO-EXCEED AMOUNT OF \$180,016.00, TO BE FUNDED FROM THE CAPITAL OUTLAY / AMBULANCE FUND, AS PROVIDED FOR IN FY 2012 / 2013 (FILE NO. 1213-108)**

**8-4. CITY MANAGER - POSSIBLE ACTION TO RATIFY THE APPROVAL OF BILLS AND OTHER REQUESTS FOR PAYMENTS BY THE CITY MANAGER FOR THE PERIOD OF SEPTEMBER 11, 2012 THROUGH OCTOBER 8, 2012**

**8-5. DISTRICT ATTORNEY - POSSIBLE ACTION TO APPROVE AN UPGRADE OF ONE LEGAL SECRETARY I POSITION TO A LEGAL SECRETARY II POSITION WITHIN THE CARSON CITY DISTRICT ATTORNEY'S OFFICE**

**9. RECESS BOARD OF SUPERVISORS (8:40:10)** - Mayor Crowell recessed the Board of Supervisors at 8:40 a.m.

**LIQUOR AND ENTERTAINMENT BOARD**

**10. CALL TO ORDER AND ROLL CALL (8:40:13)** - Chairperson Crowell called the Liquor and Entertainment Board to order, noting the presence of a quorum, including Member Ken Furlong.

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**11. POSSIBLE ACTION ON APPROVAL OF MINUTES - September 6, 2012 and September 20, 2012 (8:40:29)** - Mayor Crowell entertained revisions to the minutes and, when none were forthcoming, **Member Aldean moved to approve the minutes, as presented. Member Walt seconded the motion. Motion carried 6-0.**

**12. PUBLIC WORKS DEPARTMENT, BUSINESS LICENSE DIVISION - POSSIBLE ACTION TO APPROVE MONIRA SALY AS THE LIQUOR MANAGER FOR SUSHI DELIGHT, LIQUOR LICENSE NUMBER 13-27649, LOCATED AT 111 EAST TELEGRAPH STREET, CARSON CITY (8:40:58)** - Chairperson Crowell introduced this item. Principal Planner Jennifer Pruitt reviewed the agenda materials, noting staff's recommendation of approval.

Mayor Crowell invited Monira Saly and Jake Lee to the podium. (8:41:51) Ms. Saly and Mr. Lee introduced themselves for the record. Ms. Saly acknowledged she had submitted the application to be considered as liquor manager. In response to a question, she reviewed her experience as a bartender. In response to a further question, she advised that identification will be checked for all patrons requesting to be served alcohol. She agreed to enroll in the Sheriff's Department alcohol server training program. In response to a further question regarding the dual restaurant business at the subject location, she advised that alcohol is not allowed to be taken "to the other side. They have to stay on the Sushi Delight side at all times."

At Member McKenna's request, Member Furlong advised that the citation issued in February was as a result of a routine compliance check operation. Chairperson Crowell entertained additional questions from the board members and of the public. When none were forthcoming, he offered Ms. Saly and Mr. Lee an opportunity to provide additional comments. When they declined, Chairperson Crowell thanked them for doing business in Carson City and wished them well. He emphasized the board's concern over serving alcohol to minors, and the need for Ms. Saly to complete the Sheriff's Office alcohol server training program.

Chairperson Crowell entertained a motion. **Member McKenna moved to approve Monira Saly as the liquor manager for Sushi Delight, liquor license number 13-27649, located at 111 East Telegraph Street, Carson City. Member Abowd seconded the motion.** Chairperson Crowell entertained discussion on the motion and, when none was forthcoming, called for a vote. **Motion carried 6-0.**

**13. PUBLIC COMMENT (8:44:451)** - Chairperson Crowell entertained public comment; however, none was forthcoming.

**14. ACTION TO ADJOURN LIQUOR AND ENTERTAINMENT BOARD (8:45:01)** - Chairperson Crowell adjourned the meeting at 8:45 a.m.

**15. RECONVENE BOARD OF SUPERVISORS (8:45:03)** - Mayor Crowell reconvened the Board of Supervisors at 8:45 a.m.

**ORDINANCES, RESOLUTIONS, AND OTHER ITEMS**

**16. ANY ITEM(S) PULLED FROM THE CONSENT AGENDA WILL BE HEARD AT THIS TIME (8:45:07)** - None.

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**17. HEALTH AND HUMAN SERVICES DEPARTMENT - POSSIBLE ACTION TO ACCEPT A SUBGRANT, IN THE AMOUNT OF \$118,085 FOR YEAR ONE, AND \$310,828 FOR YEAR TWO, FOR A TOTAL OF \$428,913 OVER A TWO-YEAR PERIOD, FROM THE NEVADA STATE HEALTH DIVISION, BUREAU OF CHILD, FAMILY, AND COMMUNITY WELLNESS, IMMUNIZATION PROGRAM; THE GRANT WILL BE AWARDED ON APPROXIMATELY OCTOBER 25, 2012; THE PURPOSE OF THIS GRANT IS TO IMPLEMENT SCHOOL-LOCATED IMMUNIZATIONS THAT ARE SUSTAINED THROUGH THIRD-PARTY BILLING** (8:45:13) - Mayor Crowell introduced this item, and Health and Human Services Department Director Marena Works reviewed the agenda materials. In response to a question, Ms. Works provided clarification of the year one and year two figures. In response to a question, she provided background information on the increase in pertussis cases, both nationally and within the State, and discussed the school-based focus of the immunization program. In response to a further question, she advised that the City will not be liable to continue the program as an unfunded State mandate. "... in this type of a program, ... if we can no longer fund it and it's no longer feasible, it simply goes away and parents would just have to come to either their physician or the Health Department to receive the vaccine ..." Ms. Works emphasized the voluntary nature of the program, noting that it complies with the "big push ... in Nevada ... for school-located health services."

Mayor Crowell entertained public comment and, when none was forthcoming, a motion. **Supervisor Abowd moved to approve acceptance of a sub-grant, in the amount of \$428,913 over a two-year period, from the Nevada State Health Division Bureau of Child, Family, and Community Wellness, Immunization Program; the grant will be awarded on approximately October 25, 2012; the purpose of the grant is to implement school-located immunizations that are sustained through third-party billing. Supervisor McKenna seconded the motion. Motion carried 5-0.** Mayor Crowell thanked Ms. Works.

**18. RECESS BOARD OF SUPERVISORS** (8:50:18) - Mayor Crowell recessed the Board of Supervisors at 8:50 a.m., and passed the gavel to Redevelopment Authority Chair Shelly Aldean.

**REDEVELOPMENT AUTHORITY**

**19. CALL TO ORDER AND ROLL CALL** (8:50:30) - Chairperson Aldean called the Redevelopment Authority to order at 8:50 a.m., noting the presence of a quorum.

**20. POSSIBLE ACTION ON APPROVAL OF MINUTES - July 5, 2012** (8:50:35) - Chairperson Aldean entertained revisions and, when none were forthcoming, a motion to approve. **Vice Chairperson Abowd so moved. Member Walt seconded the motion. Motion carried 5-0.**

**21. SPECIAL PRESENTATION OF THE 2012 CHRISTMAS ORNAMENT TO PASTORS ROB AND DIXIE JENNINGS-TEATS FROM THE FIRST UNITED METHODIST CHURCH** (8:50:54) - Chairperson Aldean introduced and provided background information on this item, and thanked the Christmas ornament committee, comprised of herself, Robin Williamson, Jed Block, and Stan Join for their participation. She described the 2012 Christmas ornament and reviewed historic information on the First United Methodist Church. She invited First United Methodist Church Pastor Dixie Jennings-Teats to join



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her at the podium, and presented her with the 2012 Christmas ornament, together with various historic documentation relative to the First United Methodist Church. Chairperson Aldean reviewed a number of retail outlets at which the 2012 ornament will be available for sale.

(8:54:22) First United Methodist Church Pastor Dixie Jennings-Teats thanked the Redevelopment Authority, noting that the church has “the oldest continuous congregation in Nevada, beginning in 1859. This building is one of the oldest ... used buildings in Nevada.” She noted that the ornament honors the past for which the church is “very thankful, ... but it also represents the future.” She discussed Pastor Rob’s absence from the meeting due to his involvement in Circles Initiative training.

**22. PUBLIC COMMENT** (8:56:14) - Chairperson Aldean entertained public comment; however, none were forthcoming.

**23. ACTION TO ADJOURN REDEVELOPMENT AUTHORITY** (8:56:25) - Member Crowell moved to adjourn the Redevelopment Authority meeting at 8:56 a.m. The motion was seconded and carried 5-0. Chairperson Aldean returned the gavel to Mayor Crowell.

**24. RECONVENE BOARD OF SUPERVISORS** (8:56:37) - Mayor Crowell reconvened the Board of Supervisors at 8:56 a.m.

**25. PARKS AND RECREATION DEPARTMENT, OPEN SPACE DIVISION - POSSIBLE ACTION ON A PUBLIC HEARING TO DETERMINE, PURSUANT TO NRS 244.281(1)(c), THE FAIR MARKET VALUE OF APN 008-523-09, CONTAINING 1.02 ACRES IS \$115,000 AND THAT THE FAIR MARKET VALUE OF EASEMENTS IS \$30,000 FOR COUNTY REAL ESTATE LOCATED IN THE VICINITY OF CAPITAL LOANS, AT 5951 HIGHWAY 50 EAST** (8:56:37) - Mayor Crowell introduced this item. Open Space Property Manager Juan Guzman provided background information and reviewed the agenda materials in conjunction with a displayed aerial photograph. At Mayor Crowell’s request, Mr. Guzman pointed out the location of the subject and adjacent property lines using a displayed aerial photograph. Mr. Guzman acknowledged that a portion of the parking lot is within the right-of-way. In response to a further question, he clarified “actually it is more exhibit area than parking lot although a portion of it is also used for a parking lot.” He explained that it is being perfected “through proposed easements that will be running ... to the south.” He further acknowledged this is not the subject of today’s public hearing. He responded to additional questions of clarification regarding the property lines, as depicted on the displayed photograph. He acknowledged the intent to “try to sell the entire wedge but before we sell the entire wedge, in a subsequent meeting, we’re going to try to ask the Board to consider to sell only easements and those are the ones in color. We’ll do that in order to accomplish two things; number one, to clear the record so everybody knows what easements are there appurtenant to the land and, number two, because it’s a triangular piece that appears to meet the definition of the Nevada Revised Statutes of being primarily of service to the parcel adjacent to it.” Supervisor McKenna pointed out the easements to the northwest and to the south and inquired as to the possibility of “get[ting] rid of the ... easements to the south.” Mr. Guzman explained that the easements benefit the subject property as well as “all of Carson City. ... The best thing that we could do ... is ... recognize that they are there and let everybody know ... and if they want to put a bid on the land, they know then what they are buying. They’re buying land that has an easement already ...” Mr. Guzman surmised the intent

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of Supervisor McKenna's question relative to whether the "white area" is large enough to sustain a use by itself and, thus, be sold free and clear. Mr. Guzman suggested, "That's debatable. Our conclusion is that ... whoever puts a bid on this land is going to know that it's heavily encumbered with all these easements."

(9:08:38) Appraiser Stephen Johnson introduced himself for the record. Supervisor Aldean advised that the manner in which the property has been appraised has been questioned "because it has been alleged ... that by conveying these easements ... [which] have not been previously established, you are diminishing the value of the property but you're appraising it as though ... the easements that we are considering today ... already exist." She inquired as to whether this is common practice in appraisal. Mr. Johnson explained that this was an instruction he was given relative to the appraisal. In response to a further question, he provided background information on the appraisal and reviewed the same. He and Mr. Guzman responded to corresponding questions of clarification. Following discussion, Supervisor Aldean suggested creating temporary easements for the gas lines "to give the ultimate owner the option of relocating them at his or her expense." Additional discussion followed, and Mr. Johnson cautioned against a temporary easement, "from an appraisal standpoint," but suggested granting a relocatable easement.

In response to a question, Mr. Johnson explained that he had valued the new easements and added them to the residual value for the total value of the triangle. He stated, "I think I've covered the triangle in total as an independent parcel." He advised of not having built in an "over the barrel factor because ..., obviously, Mr. Burnaugh would have substantial consequences if the City said, 'Remove your building from our property.' And I haven't considered ... that; that's beyond the appraisal." In response to a further question, Mr. Johnson advised that the parcel and the utility lines have been in place "for a long time. Obviously, the building's been in place for as long as the building's been there and ... the parking area the same." In response to a further question, he pointed out the course of the utility lines to the west. In response to a further question, Mr. Guzman provided background information on ownership of the easements prior to passage of the federal lands bill.

In response to a question, Mr. Guzman advised that no other property owners were specifically notified, other than by publication of the agenda. "This case has been so controversial and we have contacted, through the appraiser and through our efforts, the City Engineer Jeff Sharp. Everybody else, all the surrounding properties are aware that this is happening but there none specifically notified of this meeting." Mr. Johnson responded to questions regarding access.

Supervisor Abowd disclosed that Mr. Burnaugh had contributed to her campaign, but that, as a reasonable person, she intended to participate in discussion and action on this item. Mr. Johnson acknowledged that the property in front of Capitol Loans has more value to Mr. Burnaugh. "Because of the shape ..., it's less usable ... It would still have some value if you put this on the market without any of these encumbrances ..." In response to a further question, Mr. Guzman explained that, under State law, the Board could grant Capitol Loans an exclusive preference to purchase the subject property. The lands bill prevents this, however, and requires the sale by public auction. "... that's why we thought, we sell easements to Bill Burnaugh and that clears the slate, that establishes the best line, ... and Bill doesn't have to buy them. It's just an offer. The second step, then, we put the whole thing for bid in a public process. And everybody can bid." Mr. Johnson advised caution in the current real estate market. Mr. Werner suggested considering that the value of the property, without granting the easements, "would probably not come anywhere near what you'd see in the loss of income from the business."

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Mr. Johnson reviewed the most current values of the property and the easements. He acknowledged that the easements were designed to accommodate existing use. Mr. Guzman advised that the City issued a building permit for the sign and required the landscaping. "So we have contributed to what we see there to a certain extent. Mr. Guzman acknowledged an existing title report which indicates that Capitol Loans is the fee title owner of the property. In response to a question, Mr. Werner advised of having been notified by the federal government "that this was a trespass situation about twelve years ago and we've been working with them since then. We were working through the standard procedure with BLM to actually have the land disposed. Along this method, we were going through the normal disposal and BLM was going with that and then we did the lands bill and ... we then included this property in the lands bill which stopped the normal process through BLM. They had to stop because now we had all the lands bill conditions that we had to comply with and then we had to restart ... everybody in the world is on notice that this is ... a trespass situation. We brought it before this Board to identify it as a trespass situation. The Board said, '... we're not going to do anything now, but we want this resolved.' And that's what's brought it back to you." Mr. Werner suggested "this is the fairest way to do it. The value of the land stays the same. ... It does solve the problem with having Capitol City Loan being on all its appropriate easements and lands. That resolves that issue. If, in fact, a third party buys the remaining pieces, they're aware of what's going on there. ... If [Mr. Burnaugh] buys it, and he buys it at appraised value it, that resolves it; it's gone. So we think this is truly the best way to do it and we don't see that there's any diminishment in value to the City or to the federal government."

Supervisor Abowd expressed concern that Capitol Loans would have to pay an inflated price in consideration of the divisiveness of the matter. Mr. Werner discussed the requirement to sell the property at public auction. Mr. Johnson responded to questions of clarification regarding the appraised values. In response to a further question, he recommended selling the land. "I don't know why you'd want to keep it."

Mayor Crowell entertained public comment and, when none was forthcoming, a motion. Supervisor Aldean commented on the "convoluted process. A lot of missteps were made. ... In order to protect an existing business and do ... the morally correct thing," **Supervisor Aldean moved to determine, pursuant to NRS 244.281(1)(c) that the fair market value of APN 008-523-09, containing 1.02 acres is \$115,000 and that the fair market value of easements, as noted on the record, is \$30,000 for county real estate located in the vicinity of Capitol Loans at 5951 Highway 50 East. Supervisor Abowd seconded the motion.** In response to a question, Supervisor Aldean clarified that the referenced easements are as set forth in the appraisal and as further explained by staff and the appraiser at this meeting. Mayor Crowell entertained discussion and, when none was forthcoming, called for a vote on the pending motion. **Motion carried 5-0.** A brief discussion took place regarding the action taken and the requirement for a Board action to sell the property. Mr. Guzman provided additional clarification of the procedure.

**26. PARKS AND RECREATION DEPARTMENT - POSSIBLE ACTION TO APPROVE THE SUBMITTAL OF A SOUTHERN NEVADA PUBLIC LANDS MANAGEMENT ACT ("SNPLMA") GRANT APPLICATION FOR CAPITAL IMPROVEMENTS TO THE LOWER SPORTS COMPLEX AT JOHN D WINTERS CENTENNIAL PARK, TO AUTHORIZE PARKS AND RECREATION DIRECTOR ROGER MOELLENDORF TO SIGN THE GRANT APPLICATION ON BEHALF OF CARSON CITY, AND TO AUTHORIZE THE MAYOR TO SIGN A LETTER OF SUPPORT FOR THE PROJECT (9:47:08) -** Mayor Crowell introduced this item, and Recreation Division Operations Supervisor Joel Dunn reviewed the agenda materials in conjunction with a PowerPoint

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presentation. In response to a question, Mr. Guzman and Mr. Dunn reviewed the funding and construction time lines. Supervisor Walt advised that the Parks and Recreation Commission had approved the submittal. Mr. Dunn advised that the Open Space Advisory Committee had unanimously approved the submittal.

Mayor Crowell commended Mr. Dunn's presentation, and entertained public comment. In response to a question, Supervisor Walt explained the one dissenting vote from the Parks and Recreation Commission. Mayor Crowell entertained additional Board member and public comments. When none were forthcoming, he entertained a motion. **Supervisor Abowd moved to approve the submittal of a Southern Nevada Public Lands Management Act ("SNPLMA") grant application for capital improvements to the lower sports complex at JohnD Winters Centennial Park, to authorize Parks and Recreation Director Roger Moellendorf to sign the grant application on behalf of Carson City, and to authorize the Mayor to sign a letter of support for the project. Supervisor McKenna seconded the motion. Motion carried 5-0.**

**27. PUBLIC WORKS DEPARTMENT, PLANNING AND ZONING DIVISION - POSSIBLE ACTION TO APPROVE AN EXTENSION OF TIME FOR ACTING ON THE FILING OF A FINAL MAP FOR THE TENTATIVE SUBDIVISION MAP, KNOWN AS COMBS CANYON I, CONSISTING OF 23 LOTS ON APPROXIMATELY 57 ACRES, LOCATED APPROXIMATELY 400 FEET NORTHWEST OF THE INTERSECTION OF COMBS CANYON ROAD AND TIMBERLINE DRIVE, EXTENDING THE DATE BY WHICH A FINAL MAP MUST BE FILED TO JANUARY 17, 2013, IN ORDER TO ALLOW TIME FOR THE DEVELOPER AND THE CITY TO ENTER INTO A DEVELOPMENT AGREEMENT TO PROVIDE FOR FURTHER EXTENSIONS OF TIME (10:03:02)** - Mayor Crowell introduced this item. Planning Division Director Lee Plemel provided background information and reviewed the agenda materials. Mayor Crowell entertained Board member and public comments. When none were forthcoming, he entertained a motion. **Supervisor Aldean moved to approve an extension of time for acting on the filing of a final map for the tentative subdivision map, known as Combs Canyon I, extending the date by which a final map must be filed to January 17, 2013, in order to allow time for the developer and the City to enter into a development agreement to provide for further extensions of time. Supervisor Abowd seconded the motion. Motion carried 5-0.**

**28. PUBLIC WORKS DEPARTMENT - POSSIBLE ACTION TO APPROVE AND AUTHORIZE THE MAYOR TO SIGN A LETTER OF SUPPORT FOR PARTICIPATION IN THE INTEGRATED SOURCE WATER PROTECTION PROGRAM (10:05:53)** - Mayor Crowell introduced this item. Public Works Department Director Andy Burnham narrated a PowerPoint presentation, copies of which were included in the agenda materials. He introduced Integrated SourceWater Protection Program Manager Kim Borgzinner, who narrated a PowerPoint presentation, copies of which were included in the agenda materials.

Ms. Borgzinner responded to questions regarding the amount of City staff time required for participation, the anticipated involvement of the Carson Water Subconservancy District, the plan update and time table associated with implementation, and possible costs to the City. Mr. Werner anticipates that expansion of the wellhead protection program will help define existing areas of concern and develop long-term strategies to prevent and solve problems. He advised "there are ultimate costs but they'd be there whether we did the plan or not." In response to a further question, Ms. Borgzinner discussed possible meeting locations. In response to a further question, she discussed the "slight overlap" between the subject program and the

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brownfields program. She responded to additional questions regarding the possible application of the plan for such sites as the old Mercury Cleaners building.

Mayor Crowell entertained public comments and additional Board member comments. When none were forthcoming, he discussed the benefits of participation. Mayor Crowell called again for public comments and Board member comments. When none were forthcoming, he entertained a motion. **Supervisor McKenna moved to approve and authorize the Mayor to create and sign a letter of support for participation in the Integrated Source Water Protection Program. Supervisor Walt seconded the motion. Motion carried 5-0.** Mayor Crowell thanked Ms. Borgzinner for her presentation.

**29. BOARD OF SUPERVISORS NON-ACTION ITEMS:**

**STATUS REVIEW OF PROJECTS (10:36:28)** - Mayor Crowell introduced this item, and Mr. Werner advised of having sent e-mail correspondence to the Board to advise that the Waste Management franchise agreement is effective to 2039. He provided a brief overview of the agreement renewal provisions.

**INTERNAL COMMUNICATIONS AND ADMINISTRATIVE MATTERS**

**CORRESPONDENCE TO THE BOARD OF SUPERVISORS**

**STATUS REPORTS AND COMMENTS FROM BOARD MEMBERS (10:37:58)** - Supervisor Aldean discussed a recent newspaper article regarding the Ninth Circuit Court of Appeals overturning a TRPA development approval. Supervisor Walt provided an update on the upcoming NACo Conference and an overview discussion from the most recent Convention and Visitors Bureau meeting. She advised of a Convention and Visitors Bureau workshop scheduled for Monday, November 19<sup>th</sup>. (10:44:27) Supervisor Abowd provided an overview of discussion which took place at the most recent Carson Water Subconservancy District Board meeting. She discussed a presentation on the Carson River Watershed water supply. Supervisor Walt advised that Polar Express tickets are now available for sale. Discussion took place regarding referrals from the Sacramento Polar Express, which sold out in the first 15 minutes.

**STAFF COMMENTS AND STATUS REPORT (10:43:29)** - At Supervisor McKenna's request, Mr. Glover advised that the Elections Division is ready for early voting, beginning at 10:00 a.m. on Saturday, October 20<sup>th</sup>. He provided the early voting schedule, and advised of anticipating a 91 percent turnout for the upcoming election.

**RECESS AND RECONVENE BOARD OF SUPERVISORS (10:46:59)** - Mayor Crowell advised of having requested Mayor *Pro Tem* Shelly Aldean to handle the Airport Authority interviews due to his professional association with Airport Authority Counsel Steve Tackes. Mayor Crowell recessed the meeting at 10:46 a.m., and reconvened at 4:31 p.m.

**30. CITY MANAGER**

**30(A) POSSIBLE ACTION TO APPOINT ONE MEMBER TO THE CARSON CITY AIRPORT AUTHORITY TO THE CITIZEN-AT-LARGE POSITION FOR A TERM THAT EXPIRES IN OCTOBER 2013 (4:31:34)** - Mayor Crowell introduced this item, and passed the gavel to Mayor *Pro Tem* Shelly Aldean.

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Mayor *Pro Tem* Aldean invited Ray English to the podium. (4:32:32) In response to a question, Mr. English discussed his interest in serving as an Airport Authority member. In consideration of the public-at-large position for which he had applied, he acknowledged a willingness to advocate, when necessary, for the non-aviation community in Carson City. Mayor *Pro Tem* Aldean discussed issues associated with the location of the airport. In response to a further question, Mr. English discussed the importance of listening to the public “and, wherever possible, to give them some relief ... In a lot of cases, those things can be resolved simply by people getting together and talking about it. ... We want to make everybody happy that the airport’s here and resolve problems if they arise.”

Supervisor Abowd commended Mr. English on his involvement with the School Board steering committee and his collaboration with the educational system. She noted Mr. English’s mechanical engineering background and his “ties with manufacturing,” as delineated in his application. In response to a question, Mr. English discussed his involvement in the manufacturing collaborative and his participation in the manufacturer’s forum meetings. Supervisor McKenna requested Mr. English to be careful to follow the provisions of the Nevada Open Meeting Law. Supervisor Walt thanked Mr. English for his application, and discussed an Airport Authority member’s involvement in starting programs in the schools. In response to a question, Mr. English discussed the importance of aviation programs at the high school level.

Mayor *Pro Tem* Aldean entertained questions of Mr. English. In response to a question, Mayor *Pro Tem* Aldean assured Mr. English of the availability of Airport Authority Counsel Steve Tackes and City Manager Larry Werner to answer questions. Supervisor McKenna discussed the importance of Mr. English providing input to the Airport Authority and the Board of Supervisors. “... take it wherever you can take it that makes Carson City a better place.”

Mayor *Pro Tem* Aldean entertained a motion. **Supervisor Abowd moved to appoint Ray English to the Carson City Airport Authority to the citizen-at-large position, for a term that expires in October 2013. Supervisor Walt seconded the motion. Motion carried 4-0-1, Mayor Crowell abstaining.** Mayor *Pro Tem* Aldean thanked Mr. English for his application and wished him well. Mayor *Pro Tem* Aldean passed the gavel to Mayor Crowell.

**30(B) POSSIBLE ACTION TO APPOINT ONE MEMBER TO THE CARSON CITY PARKS AND RECREATION COMMISSION TO FILE A FOUR-YEAR TERM THAT EXPIRES IN JANUARY 2016** (4:41:10) - Mayor Crowell introduced this item and invited Joan Colburn to the podium. He thanked her for her application. In response to a question, Ms. Colburn discussed her interest in serving as a Parks and Recreation Commissioner. Supervisor Aldean discussed the responsibility of a Parks and Recreation Commissioner to “aid and advise” the Convention and Visitors Bureau. In response to a question, Ms. Colburn discussed the importance of tourism in Carson City and advised of her tourism experience. “The parks have to be available for the tourists to enjoy too. ... now, you have to appeal to families because that brings everybody in. So if you have families coming in, that’s a natural for parks.”

Supervisor Abowd advised that the Parks and Recreation Commission will be tasked with seeking new revenue sources for parks and recreation facilities. In response to a question, Ms. Colburn discussed methods by which to increase community center reservations. In response to a further question, Ms. Colburn discussed her opinion of building a gymnasium facility at the Boys and Girls Clubs location. In response to a question, she discussed her opinion of the future of Mills Park. “... having a green spot in the middle of town is very important for the aesthetic value of a town.” In response to a further question, she

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discussed concerns over park maintenance if staff is reduced based on budget considerations. She suggested implementing an “Adopt-A-Park” program.

Supervisor Walt explained the fifty percent reduction afforded non-profit theater users, and discussed possible budget constraints. In response to a question, Ms. Colburn suggested that an increase in cost to users would be passed to the theater patrons. She discussed concerns with a corresponding decrease in attendance, and expressed opposition to reducing the non-profit discount to 25 percent. Supervisor Walt explained the field-use fee for Governor’s Field and the Edmonds Sports Complex. In response to a question, Ms. Colburn expressed the opinion that an increase in field-use fees would have to be across-the-board. Supervisor Walt inquired as to Ms. Colburn’s opinion of increasing fees or cutting expenses. Ms. Colburn expressed the opinion that the budget should be reviewed to consider decreasing expenses. “... if the only answer is raising fees, ... we have to maintain the parks ..., but it would have to be fair and across-the-board.”

Mayor Crowell entertained questions of Ms. Colburn. In response to a question, Supervisor Walt reviewed the Parks and Recreation Commission meeting schedule, and discussed the average number of hours spent in meetings and on commission business. Mayor Crowell thanked Ms. Colburn for her application.

(4:53:49) Mayor Crowell invited Lee-Ann Kever to the podium, and thanked her for her application. In response to a question, Ms. Kever discussed her interest in serving as a Parks and Recreation Commissioner. In response to a further question, she expressed support for building a gymnasium at the Boys and Girls Clubs location. In response to a further question, she expressed a preference for leaving Mills Park as it is, but a willingness “to change if it could be proven that there’s a better use for the park.” She expressed opposition to the City selling Mills Park or constructing a parking lot. “As long as it was something that would benefit the community, through a park and recreation area,” she indicated support. In consideration of the current budget shortfalls, Ms. Kever expressed the opinion that cutting park maintenance staff “would be devastating. Parks ... give so much back to the community and, unfortunately, there are other projects or departments which take priority ...” She expressed the hope that “before it came to that, ... other options could be researched; maybe grants, donations ... could be used to offset the cost of maintenance ...”

Supervisor Walt thanked Ms. Kever for her application, and explained the current non-profit discount for use of the community center theater. In response to a question, Ms. Kever suggested increasing the fee “a small bit as long as the increase was fair and impartial across-the-board. ... we’d also have to look for other revenue means to help offset because everybody in the community does enjoy the theater and the productions ...” Supervisor Walt explained the field-use fee for Governor’s Field and the Edmonds Sports Complex. In response to a question, discussed concerns associated with regard to “making cuts,” and concerns associated with fee increases. “Maybe we could work out some sort of compromise. Maybe a little reduced time and a little increase in fees until the budget situation straightens itself out.”

Supervisor Abowd advised that the Parks and Recreation Commission will be tasked with seeking new revenue sources for parks and recreation facilities. In response to a question, Ms. Kever discussed methods by which to increase community center reservations. Supervisor Aldean discussed the Parks and Recreation’s responsibility to aid and advise the Convention and Visitors Bureau. In response to a question, Ms. Kever discussed methods by which to increase interactivity between the Parks and Recreation Commission and the Convention and Visitors Bureau.

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Mayor Crowell inquired as to Ms. Keever's opinion of the community moving toward sports tourism versus the community's own use of facilities. Ms. Keever didn't see a conflict. "... it would be a shame if the community was to lose control over its park and recreation facilities, but I understand that, in budget constraints, sometimes a community has to be creative and think outside the box in order to keep certain programs going." Mayor Crowell entertained questions of Ms. Keever and, when she declined, thanked her for her service as a Shade Tree Council member. In response to a question, Ms. Keever expressed the opinion that her appointment to the commission would be a benefit. Mayor Crowell thanked Ms. Keever for her application.

(5:04:28) Mayor Crowell invited Jennifer Veneziano to the podium, and thanked her for her application. In response to a question, Ms. Veneziano discussed her interest in serving as a Parks and Recreation Commissioner. She anticipated no conflict between the Parks and Recreation Department and the AYSO. In response to a question, she discussed the importance of everyone having access to any gymnasium facility constructed at the Boys and Girls Clubs location. In response to a further question, she advised of never having considered changes at Mills Park and expressed opposition to developing the green space. "... that field is used for too many things." In response to a further question, she expressed the opinion that "they do a great job maintaining things and, if we had to cut back on that, ... it would hurt the community." She expressed uncertainty regarding the funding source for maintenance of parks and recreation facility, and noted the importance of maintenance.

Supervisor Walt disclosed that she had assumed Ms. Veneziano's AYSO regional commissioner position upon her resignation. She commended Ms. Veneziano's AYSO service. In consideration of the City's budget issues, Supervisor Walt explained the non-profit user discount at the community center theater. In response to a question, Ms. Veneziano expressed the opinion that increasing fees would "be doable. It would depend ... on the organization. ... Fees are going up in everything." She expressed a preference for fund raising efforts to offset the increases. Supervisor Walt noted the field-use fees at Governor's Field and the Edmonds Sports Complex. In response to a further question, Ms. Veneziano expressed a preference for increasing fees before making cuts in the Parks and Recreation Department. "There is enough outside use of those fields, from Reno, from Tahoe, from Gardnerville ... Charge them more to come use our fields rather than the Carson community ..."

Supervisor Aldean reviewed the Parks and Recreation Commission's responsibility to aid and advise the Convention and Visitors Bureau. In response to a question, Ms. Veneziano discussed methods by which to increase collaboration between the Parks and Recreation Commission and the Convention and Visitors Bureau. Supervisor Abowd disclosed that she is Ms. Veneziano's religious education teacher, but that this would not influence her vote. She thanked Ms. Veneziano for her application, and advised that seeking new revenue sources for parks and recreation facilities will be a future task of the Parks and Recreation Commission. In response to a question, Ms. Veneziano expressed the opinion that many people are unaware of the availability of community center meeting space. She discussed methods by which to publicize availability.

In response to a question, Ms. Veneziano discussed her pole vault manufacturing business. Mayor Crowell entertained questions of Ms. Veneziano and, when she declined, thanked her for her application and her dedication to the community.



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The Board members discussed the applicants' experience and qualifications. Mayor Crowell entertained a motion. **Supervisor Aldean moved to appoint Lee-Ann Keever to the Parks and Recreation Commission to fill a four-year term that expires January 2016. Supervisor McKenna seconded the motion. Motion carried 5-0.**

Mayor Crowell invited Ms. Keever to the podium and congratulated her on the appointment. (5:23:48) Ms. Keever committed to working hard and helping "to bring our parks and recreation facilities into the 21<sup>st</sup> century, to work on marketing, to work on fees ..." Discussion followed. Supervisor Aldean advised Ms. Keever of the new advisory boards, commissions, and committees policies and procedures, and requested her to review them. Mayor Crowell discussed the formation of the Regional Sports Authority, and suggested the involvement of the Parks and Recreation Commission and the Convention and Visitors Bureau. He and the Board members thanked Ms. Keever.

**PUBLIC COMMENT** (5:27:44) - Mayor Crowell entertained public comment; however, none was forthcoming.

**ACTION TO ADJOURN** (5:27:58) - Mayor Crowell adjourned the meeting by unanimous vote at 5:27 p.m.

The Minutes of the October 18, 2012 meeting of the Carson City Board of Supervisors are so approved this 13<sup>th</sup> day of November, 2012.

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ROBERT L. CROWELL, Mayor

ATTEST:

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ALAN GLOVER, Clerk - Recorder



## CARSON CITY, NEVADA

CONSOLIDATED MUNICIPALITY AND STATE CAPITAL

October 18, 2012

RECEIVED  
NOV 07 2012  
ENVIRONMENTAL PROTECTION

Kim Borgzinner, Coordinator  
Integrated Source Water Protection Program  
NDEP Bureau of Water Pollution Control  
901 Stewart Street, Suite 4001  
Carson City, Nevada 89701

Subject: Carson City Participation in the State of Nevada's Integrated Source Water Protection Program

Dear Ms. Borgzinner:

At our meeting on October 18, 2012, the Board of Supervisors approved Carson City's participation in the State of Nevada's Integrated Source Water Protection Program (ISWPP).

We, the Carson City Board of Supervisors, consider the quality of the City's drinking water supply a critical consideration in its future. Drinking water free from contamination is a resource that must be preserved and protected in order to ensure the future sustainability of each of our communities. We understand that the Nevada Division of Environmental Protection's Bureau of Water Pollution Control (NDEP) administers the ISWPP for the purpose of providing technical assistance to both the City and its communities on drinking water protection and preservation.

Further, we understand that the development and implementation of Community Source Water Protection (CSWP) plans within the City are an integral part of the City's participation in the ISWPP. The Carson City Board of Supervisors supports development of community-specific CSWP plans that promote local knowledge and understanding of drinking water resources, and local control over how these resources are best managed and protected.

The Board believes that the effort to develop CSWP plans throughout Carson City will entail a long-term commitment from the City and all of the communities within the City. Therefore, the Board directs staff to provide support to both NDEP and community representatives, consistent with the City's existing wellhead protection program, toward successful completion of CSWP plans throughout Carson City.

Sincerely,

Robert L. Crowell, Mayor  
Board of Supervisor

**Robert L. Crowell, Mayor**  
201 North Carson Street, Suite #2, Carson City, Nevada • 89701  
(775) 887-2100 • Fax: (775) 887-2286  
e-mail: [bcrowell@carson.org](mailto:bcrowell@carson.org)

**Agenda**  
**Source Water Protection Program**  
**January 28, 2013**

- 1. Introductions**
- 2. Map Review**
  - **Verify locations of all active wells**
- 3. Well operation (rates, combinations) for all wells.**
  - **Discuss operations and seasonal use**
  - **Discuss closed wells and future protection of capture zones**
- 4. Contaminant Source review relative to active wells.**
  - **Areas with private wells**
  - **Areas still on septic systems**
  - **USTs**
  - **UIC and Groundwater Discharge Permits**
  - **Pretreatment Program**
  - **Agriculture and golf courses**
- 5. CSWPP Team**
- 6. Management Strategies review relative to active wells.**
- 7. Next steps, assignments**

COMMUNITY SOURCE WATER PROTECTION PLAN DEVELOPMENT  
MEETING WITH CARSON CITY PUBLIC WORKS STAFF  
JANUARY 28, 2013, 1:30 TO 3:00 P.M. (CC)

**SUMMARY NOTES**

**Attending**

Jill Sutherland, Marvin Tebeau -RCI  
Rit Palmer, Brandon Mathiesen, Debra Richards - CC

**Discussion**

1. Introductions
  - Map presented shows 5 to 10 year capture zone
2. Map Review
  - Reviewed each well for location and operations.
3. Well Operations
  - Well operations vary seasonally. Many operated for summer peaking only. Winter mostly off-line. Typical use May through August.
  - Regional system connection soon and Minden water will supply the 4880 zone initially, not Quill. Quill system not connected to "4880 zone" which is downstream, but in the future would be connected and well water could be blended.
  - Future production may vary as water received from Minden.
  - Aquifer recharge hoped for on the east side.
  - Some operations for maintenance and water rights will continue on almost all wells. Rotate wells through standby after system connected.
  - Initially no change in Prison Hill "zone" or Quill "zone" well operations.
  - Wells with poor water quality can be shut down or blended.

Well No.	Comments
1 and 2	Abandoned
3	Limited year round, Apr. – Sept. and about ¼ time in winter
4	Not used, inactive
4B	Not constructed
5	Limited year round, Apr. – Sept. and about ¼ time in winter
6	Limited year round, Apr. – Sept. and about ¼ time in winter
7	May – Aug. Arsenic
8	Apr. – Sept.
9	Apr. – Sept.

10B	July
12	Not used, inactive
16B	Not used recently, past 3 to 5 years Peak demand only, small volume
16	Monitoring well only
10A or 10	Abandoned no pump
11A & 11B	My – Aug. pump simultaneously
24	Abandoned
24B	Apr. – Sept.
25A	1 month only for backup - June
25B	Apr. – Sept.
33	May – Sept.
34	Apr. – Sept.
38	June – Aug.
40	Moundhouse Tank - Limited year round, ¼ time winter operations, Apr. – Sept.
41	Prison Hill Tank – Limited year round, ¼ time winter operations, Apr. – Sept.
41	Abandoned
43	May – Aug.
44	June – Aug.
45	Apr. – Sept.
46	Minimal use for last 4 to 5 years, residential area, makes noise, June – Aug.
47	Not used for about 5 years, poor WQ Arsenic, extreme peak
48	May – Sept.
49	June – Aug.
50	June – Aug., pumping now for transmission,
51	Apr.- Sept.
53	June – Aug.
54	Rarely run, no storage. Extreme peak only
55	Apr.- Sept.
Frontier Village	Abandoned
Cottonwood MHP	3 wells?
Terrace Garden	5 <sup>th</sup> Street?
Millhouse Inn	Carson Street, near city connection
Private wells	Roughly 500 mostly single family – RCI provided a list
Tribe Wells	Colony and Stewart (not same as State well)
State Stewart Well	Treat for aesthetics only?

#### 4. Contaminant Sources

- Areas of town with private wells – list from Debra Richards
  - Emerson and arrowhead
  - Upper fringe along Prison Hill

- Areas with septic systems: Timberline, Lakeview, Bonanza/Sutro, south of Stewart St.
  - Monitoring wells at mouth of Vicee for recharge project, TDS/EC data contact Kelly Hale
  - Kings Canyon God Quality, Ash Canyon crumbly granite arsenic
  - East die wells uranium increase with drawdown
- Eagle Gas Station – some issues
- Debra can query database for water only, sewer only, and storm drain only, then save in EXCEL files.

5. Management Strategies

- CC does not get the information directly when a private well closed
- Didn't really discuss – David unable to attend

6. Next Steps

- Summarize well information for CC confirmation.
- A couple weeks, provide maps and preliminary modeling results.

**Action Items**

Debra – Download for customers with well only, sewer only, or storm drain only.

Brandon – Summary of annual well pumping data.

RCI – Update well info for CC verification.

## **Preliminary Meeting with Carson City September 3, 2013 1:30 to 2:30 Public Works Lg. Conference Room**

### **Attending**

RCI: Lynn Zonge, Jill Sutherland

Carson City Public Works: Darren Schultz, David Bruketta, Andy Burnham

### **Discussions**

Briefly reviewed what has been done to date.

Brief discussion regarding water resources

Pumping scenarios will change when water is turned on from Minden

CC needs to decide management areas

CC wants to protect against worst case scenario—max pumping rate

Described flex viewer – great tool

NDEP looks for in teaming and collaboration, they mentioned these for interdepartmental teaming

- Jerry with the state water systems
- Lee Plemel
- Kelly Hale
- Ed James
- Rit Palmer
- Loli GIS Person
- Jeff who manages the GIS department
- NDOT??
- Manufacturing??

### **Action Items**

- Finish SWPAs and report for delineation
- Kick off meeting with full team
- Include Effluent Management areas
- Schedule all 4 meetings at the same time (Karen Leeks)



# Agenda

## Source Water Protection Program

### Source Water Protection Program

#### Countywide Team Meeting

Date: October 03, 2013

Time: 1 to 2:30 pm

Where: Carson City Public Utilities Conference Room

**1. Introductions**

**2. Source Water Protection Program Overview**

- ✓ What the program is, and what the program is not
- ✓ Requirements for a State endorsed plan
- ✓ Benefits of collaborative planning

**3. What we have accomplished to date**

- ✓ Contacts with Public Water System owners/operators; WHPP review; updated well information; hydrogeology, water levels, well locations, pumping information
- ✓ Info availability, [www.rci-nv.com/source\\_water\\_protection/](http://www.rci-nv.com/source_water_protection/)

**4. Draft well capture zones for review**

- ✓ View preliminary maps and various layers via Flex Viewer
- ✓ <http://m.douglasnvgis.info/carson/swp/>

**5. What Should the Plan Accomplish? Plan Goals and Objectives**

- ✓ Existing Plans & What we have heard so far
- ✓ Brainstorm goals and objectives

**7. Identify Roles/Contacts**

- ✓ Technical (system information, data review)
- ✓ Public education and outreach
- ✓ Planning and management strategies

**8. Project Timeline Next Steps**

- ✓ Tuesday, December 17 – 10:00
- ✓ Tuesday, February 11 – 10:00
- ✓ Wednesday, April 23 – 10:00





## **Community Source Water Protection Countywide Team Meeting**

Lyon County Utilities  
34 Lakes Blvd, Dayton NV 89403

Meeting Minutes  
Carson City Public Works  
October 3, 2013 – 1:00pm

### **Attendees:**

Nevada Division of Environmental Protection (NDEP): *Kim Borgzinner*  
Resource Concepts, Inc. (RCI): *Lynn Zonge, Jill Sutherland*  
Carson City Public Works (CCPW): *Andrew Burnham, Rit Palmer, Jeff Sharp, David Bruketta*  
Carson City Planning Department (CC Planning): *Lee Plemel*  
Marlette Water (Stewart Complex): *Jerry Walker*  
Douglas County GIS (Flex Viewer): *Andrew Thorup*  
Carson City Fire Department: *Tom Tarulli*

The meeting commenced at approximately 1:15pm with the introduction of the attendees present.

1. Kim Borgzinner opened the meeting with an overview, explaining that this program would be replacing grants, the water protection plan would be looking at land around water sources (zones), and a comprehensive planning effort was being made through hiring a third party, RCI. She went on to talk about Douglas, Nye, and White Pine counties and the Carson City plan already in place needing updating as the information originally gathered was now 20 years old. She stressed that this program would *not* be addressing existing problems, e.g. arsenic. Her overview continued to explain the benefits of collaboration being that funding would carry a higher priority. Nye County, being a large rural area, was using their funding to train first response personnel to identify water contaminants, whereas the City of Fernley was focusing on industries complying with permit regulations.
2. Ms. Borgzinner then asked the group to talk about Carson City issues and identify concerns, explaining that her role was to guide the group in the process, not direct the group's interests.
3. Jill Sutherland referred to the Carson City plan currently in place and the water system changes that had occurred since its inception, using the GIS mapping on Flex Viewer to show the following:
  - Existing 10 year and 25 year wellhead capture areas
  - Proposed 2 year and 5 year capture zones that need to be added

Recently published USGS studies provide updated aquifer characteristics that affect the capture zones modeling result. Changes to the system operation affect the results (new or inactive wells). It was suggested that the inactive Carson City wells remain on the mapping for possible future use in management areas. This is consistent with BWPC guidance, which also requires use of maximum pumping rates. Water recharge along the Sierra front is a controlling factor and the

Community Source Water Protection Countywide Team Meeting

October 3, 2013 Meeting Minutes

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watershed topography become very important to the capture zone mapping. Source water protection was discussed including surface water sources and underground sources not owned by Carson City. The mapping currently includes other public-private well sources (Cottonwood Mobile Home Park, Millhouse Inn, and the Stewart Complex). At present not modeled, but will be pending RCI meetings with the owners/operators.

Lynn Zonge gave a brief overview on the plan goals, the importance of including ALL water sources (groundwater wells, surface water streams, and Carson River induction wells, and Marlette Lake), and addressing the management strategies to accomplish those goals. She encouraged the updates to the Carson City plan to be timely in order to create a “living document” that could be readily utilized, rather than a snapshot that is archived. Kim Borgzinner supported this concept adding that the implementation goal of NDEP was to have all 17 counties participating in ongoing water planning and the State only doing planning updates every 10-12 years. A 10-year planning window could be incorporated in the plan goals and strategies.

Andy Burnham supported the planning, management, implementation, and updates as being very helpful to Carson City. He agreed that *all* water sources needed to be considered and added to the goals and objectives already listed in this project. He also stressed the importance of including Douglas and Lyon counties in any water planning Carson City considers. Carson City, Douglas County, and Lyon County currently meet quarterly, as water is now shared between the three counties and any changes need to be a collaborative effort.

4. The group discussed educational methods for other government agencies, the public, outreach, and schools. NDEP currently uses a groundwater and watershed models that can be very effective for all groups. It was suggested that the educational methods for different groups be tied together if possible. Team had not seen the models and maybe a presentation would be in order at a future meeting.
5. The Team discussed the affect of remaining septic systems on local groundwater: including the need for additional research and analysis, completing the process of mandatory sewer connections, and adding the layers in the Flex Viewer to Carson City’s system. Adding an emergency layer and a hazmat layer were also discussed. The Fire Department representative indicated this information might be available through their department. Concern about releasing hazmat information prompted a discussion on Flex Viewer security as well. Carson City staff requested addition of water, sewer, and stormwater shape files to the Flexviewer for review. Andrew Thorup indicated it could be done pretty easily. Layers may show direction of flow and retention basins that would help for spill prevention and control. Andrew was willing to add whatever layers the group wanted or needed and explained some options that might be helpful.
6. The current data source for Carson City is primarily the CCPW billings, while the data source for Lyon County is the Assessor database. Mr. Burnham prefers the CCPW database continue to be used as the data source. Jill Sutherland suggested that RCI expand that data source by using NAICS Codes to help identify possible contaminants by industry.
7. The team currently has three scheduled meeting dates and individuals were assigned to specific reviews as the planning developed:
  - David Bruketta –Lead Point of Contact (Wastewater and Environmental Control)
  - Lee Plemel - Planning Review
  - Rit Palmer –Technical Review (Well/Water System Information)

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- Rob Fellows – Technical Review (Stormwater and BMPs)
- ??? – Education and Outreach

Coordination with the U.S. Forest Service and State Parks desirable to protect surface water sources, so, adding an Open Space liaison Juan Guzman was suggested. He may recommend contacts with other State and Federal land managers. , Carson City School District, and Carson City Fire Department representatives to complete the Team cooperative effort.

8. Additional conversation revolved around Carson City having no plans for adding new wells over the next 10-20 years (maybe never). Douglas County requires knowing water protection zones before approving any new development and Carson City may want to adopt a similar process. The Fire Department needs to be made aware of the 2-year capture protection areas. Stormwater was identified as being important as a potential contaminant source.

**General meeting adjourned at approximately 2:30 p.m.**

Tom Tarulli with the Carson City Fire Department arrived as the meeting was adjourning, as his schedule indicated a meeting start time of 2:30pm. Jill Sutherland and David Bruketta stayed and gave the new arrival an overview of the meeting topics and a brief introduction to Flexviewer.

Tom indicated hazmat databases are developed with the State Fire Marshall and information provided by Carson City Fire Department. Sharing information and the security around that information were also discussed. Tom indicated emergency management had the following roles with respect to source water protection: contain and control spills of any kind, represent the Cities interest in the event of wildfire on public land (infrastructure, watershed, prioritizing).

Post meeting discussion also included impacts on surface water protection and Tom pointed out two: wildfire (ash, erosion, debris) and vehicle accidents (leaking fuel and oil into surface water). Questions were asked about illegal dumping but not seen as a major issue along the Sierra front).

Tom suggested that many fire service personnel do not realize where Carson City water comes from (95% surface water in the winter, 30% surface water in the summer) and 30 to 40 wells throughout the City. Once a year friendly reminder could be incorporated in an annual update with the environmental control staff. Chief Stacy Giomi is assigned as emergency manager for the group and Assistant Chief Tarulli will be attending meetings as well when possible.

The possibility for some joint efficiency in inspection of facilities for fire, hazmat, pretreatment, stormwater, and source water protection) was considered. Overlaying the SWPAs was seen to be a helpful tool and similar to the Fire Dept. overlay of urban/wildland interface neighborhoods.

**Meeting with Fire Department adjourned 3:05 p.m.**



# Agenda

## Source Water Protection Program

### Source Water Protection Program

#### Countywide Team Meeting

Date: December 17, 2013

Time: 10:00 to 11:30 pm

Where: Carson City Public Utilities Conference Room

**1. Introductions**

**2. What we have accomplished to date**

- ✓ Drafted Source Water Protection Plan Goals
- ✓ Identified Source Water Protection Plan Team
- ✓ Delineated draft SWPA from predicted well capture zones
- ✓ Preliminary potential contaminant sources
- ✓ View preliminary maps and various layers via Flex Viewer

**3. Finalize Plan Goals**

- ✓ Draft Goals for review and comment (attached)

**4. Source Water Protection Area (SWPA) Boundary**

- ✓ Draft Conceptual Model Report
- ✓ SWPA boundary for surface water sources

**5. Potential Contaminant Sources**

- ✓ Overview
- ✓ Preliminary evaluation

**6. Looking Forward**

- ✓ Management Strategies
- ✓ Public Outreach and Education
- ✓ Contingency Plans

**7. Project Timeline Next Steps**

- ✓ Tuesday, February 11 – 10:00
- ✓ Wednesday, April 23 – 10:00



## Community Source Water Protection Countywide Team Meeting

Carson City Public Works  
3505 Butti Way, Carson City NV 89701

Meeting Minutes  
December 17, 2013 – 10:00am

### Attendees:

Carson City Public Works (CCPW): *Rit Palmer, David Bruketta, Kelly Hale*,  
Carson City Parks & Recreation: *Juan Guzman*  
Carson City Planning Department (CC Planning): *Lee Plemel*  
Carson Water Subconservancy District: *Ed James*  
Marlette Water (Stewart Complex): *Jerry Walker*  
Nevada Division of Environmental Protection (NDEP): *Kim Borgzinner*  
Resource Concepts, Inc. (RCI): *Lynn Zonge, Jill Sutherland, Lynne Scott*

1. Lynn Zonge thanked everyone for attending the second Countywide Team Meeting, and for the feedback and input from team members that has transpired since the last meeting in October. David Bruketta was especially thanked for his input with regard to the formation of goals and objectives for the Carson City Source Water Protection Plan.
2. Jill Sutherland reviewed the accomplishments made by the team since the kickoff meeting. Positions on the team have been defined and filled by those who have volunteered in their various areas of interest and expertise, Source Water Protection Plan goals and objectives have been outlined, predicted well capture zones and preliminary source water protection areas have been delineated on the Flex Viewer tool, and identification of potential contaminant sources has begun. Jill noted that Andrew Thorpe of Douglas County GIS is leaving, but the work he has been facilitating with the Flex Viewer tool will be carried on by Eric Schmidt.

David Bruketta reviewed comments of team members and made suggestions to narrow down objectives, look at available resources, include as objectives the work that has already been done (ie: 10 and 25-year protection areas), and clean up the wording of the stated goals and objectives. He identified two basic goals, and suggested that the rest could be classified as objectives relating to those goals. David shared the outline that he developed using application of the SMART acronym concept to define goals and objectives that would be Specific, Measurable, Attainable, Results-oriented and Time-bound.

Ed James interjected a question regarding identifying existing plumes and their contaminant sources. There was some discussion about the protection of surface water as it relates to the protection of the quality and supply of groundwater. Kim clarified that the focus of NDEP's program is groundwater, and the funding comes from combined sources including the US EPA Safe Drinking Water Act. As such, surface water modeling is not an objective that would be funded by NDEP. Lynn Zonge advised the team that specific watersheds are already pretty well identified and it is an easy task to call out the surface water. Lynn mentioned the importance of

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identifying where our drinking water comes from, where the groundwater recharge areas are, and she reiterated that water protection should include all drinking water resources.

Kim Borgzinner reminded the Team that specific actions must be identified by the Plan in order to obtain resources and funding from NDEP. She suggested that items 1-6 of the draft goals and objectives could become the action plan. The inter-relation and structure of the Plan should include goals, objectives and strategies (action plan).

3. Jill Sutherland advised that RCI would finalize the Plan goals and objectives based on David Bruketta's outline and the suggestions and comments of the Team.
4. Preliminary Source Water Protection Area (SWPA) boundaries showing the conceptual model 2-, 5-, and 10-year well capture zones with pump rates were reviewed by the Team using the Flex Viewer tool. The existing current Plan has 25-year and 10-year capture zones already identified, so 2- and 5-year capture zones were added for each well as required by the State guidelines. The boundaries needed to be updated to include new data such as new wells, closed wells, future wells, etc. Using the WhAEM model, maximum pumping rates are used to identify a conservative capture zone including a composite area for wells in close proximity to combine modeled capture zones not accounting for topography. The team discussed keeping boundaries identified on wells not currently in use, and bringing high-density septic areas back into the protected areas. There was further discussion about Well 12 not being used. David Bruketta inquired about a layer in the Flex Viewer map to identify future development by zoning. Kim Borgzinner mentioned that the Plan can identify various "watch" areas that are not necessarily inside a capture zone or a protection area. The GIS tool can handle many different levels and categories of information that are easily turned on and off as needed for specific uses.

NDEP provided each team member with a flash drive containing the draft report of the proposed and existing SWPA boundaries for review and comment from the Team within the next thirty days. Team members were asked to contact RCI with their questions and input regarding the SWPA boundaries.

5. Potential Contaminant Sources (PCS) can be identified and incorporated into the Flex Viewer tool through many different methods. Data sources were outlined on a fact sheet handout, including NDEP eMap resources, Bureau of Corrective Actions. EPA downloaded files, DMV licensing records, Nevada employer database including NAICS codes and industry locations, State Fire Marshall Hazardous Materials locations, etc. Other valuable data resources could come from first-hand knowledge, information from public utilities, windshield survey, Phase I ESA permits and licensing information. Layers of PCS information mapped within capture zones were demonstrated using the Flex Viewer tool. The "information" tool and drawing tool were also demonstrated, and team members were asked to use these tools to save and email specific input for the Plan. David Bruketta requested that critical information be called out to identify the areas that must be kept maintained and updated on a regular basis. Kim advised deciding on a time frame for updates, and Lynn Zonge mentioned that the Plan should consider the available technology. Implementation projects included as part of the Plan can also be considered for funding by NDEP. Jill Sutherland noted that the Plan document appendix will contain a complete list of potential contaminant sources identified by the Plan.

There was discussion regarding consideration of infiltration basins and air boxes as potential contaminant sources. Juan Guzman brought up the subject of recreational off-road vehicle use

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along Goni Road and expressed an idea that BMP's for off-road vehicle management and motorized vehicle restriction enforcement could be part of the SWPP, providing protection areas for the ponds used for infiltration basins. There was also discussion regarding access issues causing potential contaminant sources, such as dumping, accidents, spills and sediment. There was mention of EPA signage regarding mercury issues around the Carson River. Kim Borgzinner noted that a collaborative approach to these types of issues carries much more clout with the Department when funding is at stake, but reminded the Team that these management strategies and actions must be outlined specifically in the Plan to be considered for funding. Different management strategies should be identified for different levels are to be decided by the Team.

Because Carson City already has a Plan endorsed by NDEP for 25-year capture zones, Kim Borgzinner advised addressing the reasons for changing the Plan from 25-year to 10-year capture zone areas.

A suggestion was made to add a layer in the Flex Viewer for reclaimed water.

6. Issues still to be discussed and decided by the Team in looking forward to the next steps in formulating the SWPP include management strategies, education components, public outreach and contingency plans. Kim encouraged collaboration with schools, businesses and public forums to accomplish the required public education components.

Development and statement of a Contingency Plan is the final component of the SWPP. Since Carson City already has a SDWP approved Emergency Response Plan in place, it would be advisable to reference existing Plans in this area. Kim advised the Team to outline a long range plan to protect future water resources.

7. The next SWPP Countywide Team Meeting was scheduled for February 11 at 10:00 a.m. Team members were reminded to bring their flash drives to each meeting to load with new and updated information. The meeting was adjourned at 11:25 a.m.





# Agenda

## Source Water Protection Program

### Source Water Protection Program

#### Countywide Team Meeting

Date: February 11, 2013

Time: 10:00 to 12:00 pm

Where: Carson City Public Utilities Conference Room

##### 1. Introductions

- ✓ Display watershed and groundwater models

##### 2. Project Timeline

- ✓ Team Meeting, Wednesday, April 23 – 10:00
- ✓ Draft Document for Team Review – Mid April to Mid May 14
- ✓ Board of Supervisors, June 19

##### 3. Prior Discussion Items

- ✓ Approve final goals and objectives (attached)
- ✓ Submit comments on Draft Capture Zone Delineation Report (12/17)
- ✓ Review/approve Source Water Protection Areas (SWPAs)
- ✓ Review draft inventory of Potential Contaminant Sources
- ✓ Plan outline is ready for review

##### 4. Management Strategies to Continue and/or Expand

- ✓ Regulatory (municipal code, master plan, development standards)
- ✓ Public education (general public, schools, industry, landowners, etc)
- ✓ Pretreatment program
- ✓ Commercial septic tank program
- ✓ Domestic septic tank program
- ✓ Industrial waste disposal program
- ✓ Solid waste management program
- ✓ Household hazardous waste program
- ✓ Underground storage tank program
- ✓ Shallow groundwater monitoring
- ✓ Spills and complaints
- ✓ Wellhead (source water) protection signage
- ✓ Maintenance activities
- ✓ MOU with other agencies or water systems

##### 5. Brainstorm Action Items





## Community Source Water Protection Countywide Team Meeting

Carson City Public Works  
3505 Butti Way, Carson City NV 89701

Meeting Minutes  
February 11, 2014 – 10:00am – 12:00pm

### Attendees:

Carson City Public Works (CCPW): *David Bruketta*  
Carson City Planning Department (CC Planning): *Lee Plemel*  
Marlette Water (Stewart Complex): *Blake Gudmundson, Jerry Walker*  
Nevada Division of Environmental Protection (NDEP): *Kim Borgzinner*  
Resource Concepts, Inc. (RCI): *Kristin Roaldson, Lynne Scott, Jill Sutherland, W. Marvin Tebeau*  
*Lynn Zonge*

1. **Introductions** – Display watershed and groundwater models: Lynn Zonge and Jill Sutherland introduced Kristin Roaldson to the Team members and explained the use of the watershed and groundwater models as part of the educational component of the Community Source Water Protection Plan (CSWPP). Kristin led the Team through a dry-run demonstration using the two models to explain the visual process that can be taught in classrooms and at other public events to show the effects of various human activities that can contaminate groundwater through runoff and affect pumping wells through seepage into the water supply. Jill advised that there is already good response and acceptance to incorporation of these educational tools into existing 6<sup>th</sup> grade science curriculum, and the models have also been used by Carson River Wranglers during festival events. NDEP can help with the purchase of models where incorporated into a county CSWPP and endorsed by the State; the school district is encouraged to take ownership of the program, once introduced.
2. **Project Timeline** – RCI will bring a comprehensive draft CSWPP document to the next Team meeting on April 23, 2014 at 10:00 a.m. There will be a 30 day comment period for the Team to review and submit updates and changes, after which RCI will begin finalizing the CSWPP document during mid-May for presentation to the Board of Supervisors on June 19.

A Table of Contents for the CSWPP document was reviewed by the Team, giving an outline of the content and appendices. Two-year and ten-year source water protection areas will have potential contaminant sources (PCS) identified by the Plan. A PCS table format (first of several pages) was reviewed by the Team for discussion about sources for obtaining PCS information, NAICS codes, identification of the source water protection areas (SWPA), and presentation and use of this information within the Plan. A demonstration of proposed SWPA boundaries was provided to the Team on the Flex Viewer. The PCS data from various sources has been added as a layer in the Flex viewer, and was compared to the SWPA layer to identify PCS inside two- and five-year protected areas. The Flex Viewer also includes layers identifying 25-year and 5-year capture zone, and combines closed well capture zone into one SWPA. In addition to being included on the Flex Viewer, capture zones will also be identified in the Plan's technical

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appendix. The Team also discussed existing 10-year and 25-year capture zones that follow canyons, as well as recharge areas and direct surface watershed areas identified by USGS.

Jerry Walker noted that Marlette lake direct surface water supply should be identified as a management area. Protection of drinking water supplies as a management objective should include coordination with other agencies (ie: USFS) for better understanding and cooperation between agencies. Lynn Zonge mentioned developing management strategies and different treatment in the CSWPP for Ash Canyon and North Canyon watersheds. Lee Plemel advised that the sub-basin should have different treatment in the Plan as well. Marvin Tebeau made mention of different threats to drinking water supplies that can be caused by public access to Ash Canyon and the City currently doing management plans for a road up Ash Canyon to be maintained by Carson City, in coordination with USFS.

3. **Prior Discussion Items** - Jill Sutherland directed the Team's attention to a "DRAFT Goals and Objectives" handout and advised the Team that these have been "re-massaged" based on input from the Team members since the last Team meeting. Kim Borgzinner recommended a slight wording change for Goal 2, Objective 5 from "implementation windows" to "planning windows" to clarify the objective. The DRAFT Goals and Objectives were approved by the Team with no further suggestions or recommendations.
4. **Management Strategies to Continue and/or Expand** – Jill Sutherland advised that RCI has used the 1998 Carson City Well Head Protection Plan as a base for the CSWPP with regard to management strategies and to decide which strategies to focus on and where to apply them. A ten page "Draft Management Strategies – Worksheets" was reviewed in detail with the Team.

The Team discussion regarding regulatory measures included expanding the existing management strategies to incorporate and update municipal codes and ordinances and to give oversight regarding environmental permits in the sustainability codes. Check lists tied to business licenses or special use permits have been proposed in the City of Fernley, to get a handle on industrial and commercial development. Lee Plemel recommended reinforcing general objectives contained in the existing Master Plan, but advised against adding to or amending the Master Plan. Marvin Tebeau commented that referencing the Master Plan could open the door for detail and specifics of environmental protection management strategies Lee also commented that the strategies must be applicable to the Carson area and climate.

Kim Borgzinner felt that increased awareness and responsibility would result when there was a mechanism in place as part of the business licensing process to indicate when a business location or proposed location is within a source water protection area. Implementation would be simpler with one jurisdiction on a county-wide basis. Kim also advised keeping a broad focus, but include specific enough strategies and action items to get funding as needed. Jill Sutherland indicated that it was not the intent of RCI to include specific municipal code references in the CSWPP, but to keep the language as general and broad as possible.

Lynn Zonge discussed the idea of putting funding mechanisms in place as part of creating management strategies; for instance, adding a fee for source water protection to the licensing process. She recommended that the CSWPP should identify management strategies to facilitate potential funding from NDEP for technical assistance to review code and plan for revisions, such

as Lee Plemel's suggestion for code updates relating to septic system construction that would be appropriate for watershed and recharge areas. Collaboration with other local municipalities in developing Low Impact Design Standards for storm water was also discussed as an appropriate CSWPP action item under regulatory measures.

Jill Sutherland reviewed the oversight measures of the pretreatment systems, and suggested a CSWPP management strategy to add APN data into the PCS database for GIS updating would provide more relevant data within the Flex Viewer tool than street addresses alone provide. Technical assistance to update PCS data can be a management strategy. David Bruketta advised the Team that the ECA roles and responsibilities have shifted and in the past had been combined with the Health Department. There is a need to identify where the responsibility for inspection and identification of prohibited wastewater discharges falls now. David expressed an interest in developing a flyer specifically for those in source water protection areas, using the Flex View data to target the appropriate potential contaminant sources within the SWPA.

There was brief discussion that the Commercial Septic Tank Program is not needed as part of the CSWPP document because it is handled with existing code prohibiting additional construction. The few existing commercial septic tanks can be incorporated under pretreatment program management strategies. Domestic Septic Tank Program uses 2-, 5-, and 10-year capture areas to facilitate work that still needs to be done to mandate connection to sewer service in Southeast Carson areas. Lee Plemel recommended adding stronger language and using the capture zones to provide a valid reason to regulate a longer, more appropriate (25 year) management time frame.

Industrial Waste Disposal Program, solid waste and household hazardous waste issues are all tied to Landfill operations. Carson has managed these programs since the 1990s. David Bruketta will go over these sections to clean up outdated language and recommend updates. The concept of the management strategies under these sections is to make proper waste disposal available and thereby avoid some of the potential for dumping inside protected areas. There was discussion regarding a management strategy to include updates to Household Hazardous Waste literature and on the web site. Kim Borgzinner advised that making a public awareness connection regarding waste disposal effects on drinking water could be a valuable part of educational material to gain public support for proper waste disposal.

Underground city-owned storage tanks are all being removed within the next year. The Underground storage Tank Program in the CSWPP can be modified based on non-city owned tanks, both above ground and underground and include coordination with the Fire Marshall.

David Bruketta will check with the Health Department to clarify whether a shallow groundwater monitoring program is still active. Looking forward, are there needs assessments for developing monitoring in specific target areas or for specific contaminants? Kim Borgzinner advised that triggers for needs assessments be identified by the CSWPP with set priorities, such as nitrate impact monitoring.

Spills and complaints are handled on an ongoing basis by local and State agencies. There is no additional action item identified in the draft CSWPP under this category.

Wellhead Protection Signage should focus on source water protection areas. There is no signage at Marlette. The Team discussed the educational value and practical value of signage including visible boundaries (maps) and types of signage that could make a better impact under the CSWPP. Evaluation of existing and proposed signage with a public education component was recommended as a management strategy.

Maintenance Activities: There was further discussion regarding the ECA and liaison to other City agencies. Kelly Hale is the ECA supervisor. A correction was noted that the ECA does not maintain MSDS information for industries. The Team discussed low impact development and plans to infiltrate water on parcel basis and eliminate runoff. There was a suggestion to overlay a stormwater layer with the source water protection areas.

Memorandum of Understanding: The Team discussed the CSWPP as a community-wide plan involving private water systems coordination in combination with public water systems. There was discussion regarding the Cottonwood Wellhead Protection Plan and existing nitrate issues. There was also discussion regarding seeking MOUs with property owners, state parks and USFS.

Public Education: the CSWPP should identify target groups for specific educational efforts based on potential contaminant sources and source water protection areas. The Team recommended generalizing the language to Carson City, rather than identifying specific departments or agencies. Regular updates to the web site was identified as a necessary management strategy in the area of public education. Kim Borgzinner advised that the State likes to see overlap with other agencies; State Parks, land owners, USFS, etc. in outreach and efforts to educate the public regarding protection of water supplies. Jerry Walker advised that there is also a need for educating and coordinating agency management, especially relating to recreational areas like Marlette, because there is very little cooperation or understanding of water protection issues.

5. **Brainstorm Action Items** – Discussion of action items was included in management strategies discussions. Please refer to updated management strategies attachment.

## Management Program Development

In the development of the wellhead protection management tools, the following categories of management strategies were explored:

- Zoning Provisions
- Site Plan Review
- Design Standards
- Source Prohibition
- Purchase of Property or Development Rights
- Public Education
- Groundwater Monitoring, and
- Household Hazardous Waste Collection

The Local Planning Team has reviewed the measures adopted in the Carson City Wellhead Protection Program (WCE, 1999) and recommends the following actions to update these management strategies consistent with current and anticipated conditions in the 10-year planning window (2014 to 2024).

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### ***Regulatory Measures:***

There are several areas in the municipal code that have been adopted to implement Carson Cities 1998 Wellhead Protection Plan. These include:

- Health and welfare code (Title 9);
- Water, sewage, and drainage code (Title 12);
- Buildings and construction code (Title 15);
- Subdivisions (Title 17); and
- Zoning (Title 18).

These regulatory measures continue to help preserve source water quality through the established pretreatment program, designating standards for abandoning septic systems and connecting to sanitary sewer, and controlling the construction of new septic systems.

### **Actions**

#### ***Expand program:***

- Consider expansion or clarification to include weather protection and covered bins in addition to secondary containment in CCMC Section 12.06.248- Sewerage use-Secondary Containment. Action applies countywide.



- 
- Request technical assistance to review code and plan best path for revisions. Action applies countywide.
  - Consider code updates for septic system construction appropriate for watershed/recharge areas. Action applies to watershed/recharge SWPAs.
  - Collaborate with other local municipalities in developing appropriate Low Impact Design Standards for stormwater (consider for example appropriateness of infiltration measures near public supply wells). Action applies countywide and in 2-year SWPAs.
- 

### ***Pretreatment Program:***

The Carson City Environmental Control Authority (ECA) ensures that the pretreatment systems are a part of construction plans for regulated facilities. The ECA permits and inspects businesses to determine their potential for illegal wastewater discharges. A "Commercial Wastewater Discharge Permit" is issued which prohibits the discharge of pollutants in excess of local limits. Enforcement actions are taken when necessary, in accordance with the Federal, state and local pretreatment regulations. Authorities for these actions are provided in Carson City Municipal Code (CCMC) Chapter 12.06.

Secondary containment is required for any business that stores a product, new or used, that has the potential to contaminate soil or groundwater.

The Pretreatment Program helps protect source water quality by giving Carson City ECA oversight at facilities that handle, store, and treat materials that are potential sources of pollution.

### **Actions**

#### ***Expand program***

- Consider adding the APN# to forms and applications for ease of program tracking using GIS. Action applies to specific PCSs.
  - Consider adding to the permit checklist whether or not the facility is located within an SWPA. Action applies to specific PCSs.
  - Develop a flyer for businesses in the SWPAs for the inspectors to use with the businesses when the City conducts inspections. Action applies to specific PCSs.
- 

### ***Commercial Septic Tank Program:***

The ECA has the authority to inspect businesses with septic systems and require sampling if they suspect a problem under the pretreatment program ordinances. Business owner must fix any contamination per Nevada Division of Environmental Protection standards. This program has been successful over the years in reducing and controlling commercial septic tanks as sources of potential groundwater contamination. At this time, very few commercial septic tanks remain in Carson City and there is very limited potential for additional facilities to be constructed.

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## **Actions**

### ***Discontinue as a Stand Alone Program***

- The commercial septic tank program is currently not considered a stand along program and has effectively been incorporated under the Pretreatment Program.

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### ***Domestic Septic Tank Program:***

The City has two mandatory sewer connection areas, New Empire and Southeast Carson.

- Septic tank proliferation is prohibited except in limited residential applications.
- The extension of the municipal sewage facilities for all industrial, commercial, recreational vehicle, mobile home park, or subdivisions greater than a minimum number of lots is mandated.

## **Actions**

### ***Expand program***

- Maintain the existing program and continue to work toward completing mandatory connections in the New Empire and Southeast Carson City areas. Action applies to specific PCSs.
- Consider expanding code language to allow more control over new septic systems on single parcels. Applies to specific PCSs, watershed/recharge SWPAs, and possibly 2-year SWPAs.
- Consider prioritizing municipal sewage facility extension projects based on the location of septic systems in the 2, 5, 10, or 25 year SWPAs. Action applies countywide.

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### ***Industrial Waste Disposal Program:***

This program ensures that no hazardous wastes are disposed at the landfill. The ECA has the authority to inspect businesses that generate a non-reusable by-product that form an industrial waste or hazardous waste. If the ECA finds hazardous waste, it works with the Nevada Division of Environmental Protection to ensure the waste generator properly disposes of the waste following Resource Conservation and Recovery Act (RCRA) regulations. Disposal of industrial wastes are handled under the Solid Waste Management Program.

The program contributes to Source Water Protection by discouraging improper disposal practices (such as illegal dumping) that might create sources of source water contamination.

## **Actions**

### ***Maintain program***

- No additional actions identified.

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### ***Solid Waste Management Program:***

Management includes regulatory compliance, daily operation of the landfill, recycling, waste diversion, and public education. This is tracked by the ECA.

ECA routinely monitors four groundwater monitoring wells and six methane test probes to detect any indication of an adverse impact to the environment. Additionally, daily inspections are performed to ensure that the landfill is meeting regulatory obligations.

Since 1993, the ECA has enforced an "Illegal Dumping Program" and a "Medical Waste Program". Enforcement authority for these programs is provided for in CCMC 12.12. Additionally, the ECA coordinates public education, the annual "Free Dump Days", "Telephone Book Recycling", and "Christmas Tree Recycling" programs.

The program contributes to Source Water Protection by discouraging improper disposal practices (such as illegal dumping) that might create sources of source water contamination.

### **Actions**

#### ***Expand program***

- Consider expanding the program to address the evolving concerns and regulations for proper disposal of pharmaceuticals. Action applies county-wide.

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### ***Household Hazardous Waste Program:***

The Carson City Household Hazardous Waste (HHW) Collection Facility provides Carson City residents with hazardous waste disposal services by appointment with the ECA, typically on a weekly basis. There is no charge to Carson City residents. Waste accepted includes but is not limited to: herbicides, pesticides, household cleaners, waste fuel, waste solvent, mercury, and other materials. Materials are accepted from residential sources only.

Items that are not accepted by the Household Hazardous Waste Program include:

- Liquid water based latex paints
- Biohazard or radioactive wastes
- Propane cylinders of any kind

The program contributes to Source Water Protection by encouraging proper disposal of Household Hazardous Wastes that might otherwise be dumped and create sources of source water contamination.

### **Actions**

#### ***Maintain program***

- Request technical assistance to update the HHW outreach and education process (handouts, mailings, website information, etc.). Applies county-wide.



- Consider expanding the program to address disposal of pharmaceuticals from residential sources. Action applies county-wide.
- Formalize operating procedures for the existing HHW Program.
- Consider collaboration with other communities or Counties.

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### ***Public Outreach and Education:***

Carson City's existing Wellhead Protection Plan (1999) identifies three targets for public education and incorporates a variety of handouts and flyers. Communication about source water protection continues to be a key component of the management strategies for Carson City.

Key target audiences include:

#### **1. School Children**

Carson City will strive to provide information regarding water conservation and pollution prevention for uses in schools and other venues. A concentrated effort will be made to educate students in grades K- 12. A general awareness of the water cycle and origins of our drinking water helps the community; both children and their families, to make good decision that protect drinking water sources.

#### **2. Public Information**

A variety of methods are available are available to communicate with the general public (flyers, notes in billings, websites, etc.). Signage has been installed near wellheads and will continue to be maintained. Informational kiosks might be useful to promote source water protection in the watersheds supplying surface water and groundwater recharge. A general awareness of the water cycle, the origins of our drinking water, and steps that can be taken to protect water sources helps the community and helps local residents to make proactive decisions.

#### **3. Carson City Departments**

Internal communication about source water protection between Carson City Departments (for example, planning, health, environmental control, water, stormwater, fire) will to keep the program active and effective.

#### **4. Specific PCSs**

The management strategies identify specific groups to consider targeting for outreach and education. Communication could be improved regarding certain types of PCSs and pathways.

### **Actions**

#### ***Expand program***

- Initiate classroom presentations to middle school science classes. Coordinate with the school district about perpetuating a school curriculum. Action applies county-wide.
- Consider attending appropriate school events, for example: annual Science, Technology, Math, and Engineering (STEM) night. Action applies county-wide.
- Consider expanding program at the Children's museum. Action applies county-wide.

- 
- Consider coordination with schools to participate in “water week” or “public works week” activities. Action applies county-wide.
  - Update communication materials: brochures, handouts, website, consumer confidence report, utility bills, etc. Action applies county-wide.
  - Consider coordination with open space and/or parks and recreation regarding educational kiosks or similar regarding source water protection, particularly for watershed/recharge SWPAs. Action applies for watershed/recharge SWPAs.
  - Consider an annual interdepartmental update on the CSWP Plan status in coordination with other meetings or trainings (planning, health, environmental control, water, stormwater, fire). Action applies county-wide.
  - As available, develop and distribute information on proper disposal of pharmaceuticals. Action applies to specific PCSs.
  - Update the HHW program information. Action applies to specific PCS’s.
  - Update information to provide to permit holders in Carson City's pretreatment program, which are located in SWPAs. Action applies to specific PCSs, 2-year SWPAs, and 10 year SWPAs.
- 

### ***Underground Storage Tank Program:***

This program involved the removal of all City owned underground fuel storage tanks (USTs) and remediating any contamination that is encountered. Carson City will be removing the final two USTS owned by the City during 2014.

#### **Actions**

##### ***Discontinue program***

- This management strategy has been effective and the City no longer owns or operates underground fuel storage tanks.
- 

### ***Shallow Groundwater Monitoring:***

Over the life of the well head protection program, Carson City ECA has various groundwater monitoring programs. Currently, programs for monitoring shallow groundwater have been completed by the ECA. Monitoring can contribute to source water protection by identifying groundwater quality, tracking boundaries of groundwater contamination, locating sources of contamination, and/or defining local aquifer characteristics.

#### **Actions**

##### ***Maintain program***

- Carson City will consider conducting an assessment of future groundwater monitoring needs and the triggers for developing and implementing new groundwater monitoring plans. Action applies county-wide.
-

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### ***Spills and Complaints:***

The ECA responds to all complaints and reports of spills received from the general public, businesses, Sheriff's Dispatch, other City departments, the State Office of Emergency Management, and the NDEP. Coordinated response to spills and complaints contributes to source water protection by proactively investigating potential sources of contamination, and implementing control and disposal procedures in for leaks or spills that can minimize impacts to source of public drinking water.

#### **Actions**

##### ***Maintain program***

- No additional actions identified.
- 

### ***Maintenance Activities:***

Carson City Streets Department conducts street cleaning, and preforms erosion control activities to reduce the conveyance of sediments to detention basins and storm drain systems. Regular maintenance reduces contamination of stormwater runoff that can directly affect the quality of surface drinking water sources and the aquifer recharge for underground water sources.

#### **Actions**

##### ***Maintain program***

- Continue best management practices that reduce stormwater contamination and potential for contaminant infiltration areas near wellheads. Action applies in 2-year SWPAs.
- 

### ***Coordination:***

Carson City will coordinate with agencies that have jurisdiction over lands contained in the SWPAs including private landowners, the US Forest Service, BLM, and State Lands. Coordination will promote cooperation in protecting the quality of the drinking water resources.

This strategy contributes to source water protection, particularly in areas where State or Federal agencies are significant landowners in SWPAs, by requesting them to prioritize source water protection as a key component of resource protection.

#### **Actions**

##### ***Expand program***

- Consider direct coordination with State Parks for protection of surface water quality in the Hobart-Marlette water system. Action applies to watershed/recharge SWPAs.
  - Consider conducting a source water protection needs assessment in collaboration with landowners ("public conservation" designated land use). Action applies to watershed/recharge SWPAs.
  - If needed, consider an agreement or memorandum of understanding with Carson City to clarify roles and responsibilities. Action applies countywide.
-

### ***Open Space Management:***

Carson City has acquired or has plans to acquire lands to be managed as “open space”. Carson City will coordinate between departments to ensure source water protection is a key component of natural resource protection in local land management plans.

This strategy contributes to source water protection by recognizing that these lands are needed to preserve drinking water quality, in addition to providing wildlife habitat, view protection, recreational linkages, and public access.

### **Actions**

#### ***Expand program***

- Consider conducting an open space needs assessment for source water protection coordinated between Public Works and Open Space Departments. Action applies to watershed/recharge and 2-year SWPAs.
- Identify facilities or best management practices to protect runoff and recharge water quality. Action applies to watershed/recharge and 2-year SWPAs.

# Agenda

## Source Water Protection Program

### Countywide Team Meeting

Date: April 23, 2014

Time: 10:00 to 12:00 pm

Where: Carson City Public Utilities Conference Room

#### **1. Introductions**

#### **2. Overview of Draft CSWP Plan**

- ✓ Report
- ✓ Potential Contaminant Source Summary – Appendix D
- ✓ Action Plan – Appendix E
- ✓ Education Plan–Appendix F

#### **3. Discussion and Comments**

#### **4. Project Timeline Next Steps**

- ✓ Draft Review Period Ends – May 14 ?
- ✓ Final Document from RCI – May 28
- ✓ CC Supervisors Meeting – June 19



## Community Source Water Protection Countywide Team Meeting

Carson City Public Works  
3505 Butti Way, Carson City NV 89701

Meeting Minutes  
April 23, 2014, 2014 – 10:00am – 12:00pm

### Attendees:

Carson City ECA: *Kelly Hale*  
Carson City Open Space Division: *Juan Guzman*  
Carson City Public Works (CCPW): *David Bruketta, Rit Palmer*  
Carson City Planning Department (CC Planning): *Lee Plemel*  
Douglas County GIS: *Eric Schmidt*  
Marlette Water (Stewart Complex): *Jerry Walker*  
Nevada Division of Environmental Protection (NDEP): *Kim Borgzinner*  
Resource Concepts, Inc. (RCI): *Lynne Scott, Jill Sutherland, Lynn Zonge*

1. **Introductions** – During introductions, it was noted that a representative of Cottonwood Mobile Home Park water system contacted Carson City Public Works and requested to be included or informed with regard to the Source Water Protection Program. Jill Sutherland will follow up with Cottonwood MHP.
2. **Overview of Draft CSWP Plan** – Jill Sutherland advised the Team that the draft Community Source Water Protection Plan and appendices have been compiled and are open to the Team's review for comments and revisions. The appendices are each saved separately on RCI's FTP drive for easier review of each section.

A note was made to make sure recognition is given in the CSWP Plan for Carson City source water being obtained from Lyon County Utilities and from Town of Minden.

- a. **Report** – The CSWP Plan has been updated and revised in accordance with discussions with Team members and input from existing plans and programs. Team members should all have received the draft document from RCI by email or through the FTP web site. Jill reviewed the maps included in Appendix A with regard to the specific types of maps that the Team would wish to include with the CSWP Plan document and whether general area maps, land use maps, well location maps, maps pinpointing Potential Contaminant Sources within source water protection areas, or other types of maps are appropriate and relevant to Appendix A. The general area map being discussed did not show current road locations, and Eric Schmidt indicated that he would provide RCI with a more current USGS updated map for this Appendix. Jill noted that the map in Appendix A did not have a road layer turned on, but the map in Appendix D identifying Potential Contaminant Sources (PCS) does have the road layer turned on. She recommended leaving the maps "as is" for Appendix A. It is difficult to print clear and readable maps with many layers included.

### CARSON CITY

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**www.rci-nv.com**  
2014-04-23 SWPP Team Meeting Minutes 12117-B1-CC JS LZ ljs jls doc

### ZEPHYR COVE

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Zephyr Cove, NV 89448-8020  
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Community Source Water Protection Countywide Team Meeting

April 23, 2014 Meeting Minutes

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A map delineating 2-, 5- and 10- year source water protection areas as defined by the Plan is included in the main body of the Plan document. The Team members expressed an opinion that the GIS Flex Viewer tool should be the main source of map information for the Plan, as it is the best source for updated, printable information that can easily display whatever specific type of information is needed on the map. Juan Guzman recommended an “\*” or footnote on the maps indicating they may not be the most current version. Eric indicated that disclaimer and acceptance verbiage can be added to the Flex Viewer tool so anyone using the maps will understand that the information can get out of date. David Bruketta reiterated that an objective of the plan is to update the information on an annual basis.

Eric Schmidt requested direction from the Team regarding security measures and public access to the Flex Viewer tool and layers. The Team desires internal use only by password protection, but allowances for temporary access outside of the Carson City firewall when needed for contractors or others who may request certain information through the City. Eric advised that the current ESRI GIS software will soon no longer be supported, but plans for better versions of GIS software with more capabilities are already in the works.

Appendix B contains documentation of meetings and final approvals. Appendix C contains delineation of capture zones including surface water protection areas and sources of recharge such as watersheds and Marlette Lake.

- b. Potential Contaminant Source Summary – Appendix D contains PCS documentation and references sources of data that are displayed in the Flex Viewer. Jill noted that because a single location may be identified in multiple databases used to identify PCSs, some locations are listed more than once in the reference tables. A summary cross-reference PCS snapshot by location is also included in the Appendix to identify the database references that apply to a single PCS location.

Additional tables are also included in Appendix D to summarize 2-year SWPA information for each well. Four tables also include 10-year SWPA data summaries. These tables are included to give a general overview of the characteristics of these areas for reference. Jill requested that the Team members advise her if any further edits are needed.

- c. Action Plan – Appendix E is currently the main focus for Team discussion and comment. Detailed discussion of each management strategy and action item was saved for the end of the Team Meeting.
- d. Education Plan – Appendix F outlines the educational and public outreach goals. Much of this is based on supporting the ongoing outreach efforts in the existing Well Head Protection Plan and educational programs provided in schools. The Appendix contains an outline of topics and classroom teaching that can be covered in schools. It is meant to be a stand-alone section of the CSWP Plan which can be pulled out and provided as a reference for educational coordinators.

Community Source Water Protection Countywide Team Meeting

April 23, 2014 Meeting Minutes

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Appendix G contains a copy of the Carson City Contingency Plan, provided as a reference. Team review and comment is needed to finalize the Appendices. A Microsoft Word copy will be made available on RCI's FTP drive for comment.

The target date for presentation to the Carson City Board of Supervisors is July 3 at 8:30 a.m. The tentative presentation format at the Board of Supervisors' meeting is approximately ½ hour presentation with a 10 minute introduction and State endorsement of the Plan by Kim Borgzinner and a 20 minute summary of the Plan by RCI with a request for formal adoption by resolution. Following adoption, the Plan and tools may also be presented to the Planning Commission for awareness and coordination purposes on July 30, and also to Open Space on August 18. To implement training and access to the tools, a User's Forum is tentatively scheduled in August and should also include the Fire Department.

3. **Discussion and Comments** – Kim Borgzinner requested coordination for new GIS personnel at NDEP with Eric Schmidt.

Appendix E – Action Plan was reviewed and discussed in detail with the Team. It was thought that the first item under Coordination and Planning should actually be split into two separate action items; one for needs assessment and one for public conservation designation by zoning. It was noted that the 25-year watershed area encompasses both State-owned property and residential property.

Wording edits were suggested for several action items. Action items relating to coordination with local agencies including Open Space and Public Works were re-arranged on the table to fall under the Coordination and Planning Management Strategy. There was discussion regarding erosion issues and coordination between Marlette-Hobart Water System and Carson City. Kelly Hale addressed priorities with regard to the Household Hazardous Waste Program management strategies and action items. Kelly recently met with RCI's Marvin Tebeau to discuss HHW coordination with Lyon County and Douglas County. She noted that disposal of pharmaceuticals is currently a low priority due to coordination and direction needs from the DEA and EPA. Kelly requested that assistance with educational tools for the pre-treatment program be included as a high priority action item.

4. **Project Timeline Next Steps**
  - a. May 14 is the suggested deadline for draft Plan review and comments. Jill suggested that all future changes to the draft Plan will be communicated to the Team by email, since today is the last scheduled Team Meeting before completion of the final document.
  - b. The final Plan document will be completed by the end of May or beginning of June.
  - c. The Plan will be presented at the Carson City Supervisor's meeting on July 3. The Team meeting was adjourned at 11:45 a.m.





## 2022 Team Meetings



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## Meeting Notes

### Carson City Source Water Protection Planning Scope Meeting

October 26, 2022

1:00pm-2:00pm (Pacific)

Virtual meeting on Teams

#### Attending

NAME	CONTACT INFORMATION		AFFILIATION
Eddy Quaglieri	775-283-7395	EQuaglieri@carson.org	Carson City – Water Utility Manager
Andy Hummel	775-283-7357	AHummel@carson.org	Carson City – Wastewater Utility Manager
Joe Reyna		JReyna@carson.org	Water Production
Alison Cramer	775-883-1600	alison@rci-nv.com	Resource Concepts, Inc. (RCI)
Jill Sutherland	775-883-1600	jill@rci-nv.com	Resource Concepts, Inc. (RCI)

#### Purpose & Overview

The purpose of this scope meeting was to discuss the update of the Carson City Community Source Water Protection Plan (CSWP Plan). The Carson City CSWP Plan was finalized and adopted in 2014. The meeting addressed updating the current CSWP Plan to include modifications made to the Carson City water system and renew a Local Planning Team. Additionally, the group discussed new City-wide plans which have worked to protect Source Water in Carson City for the last eight years.

#### Discussion

##### Introductions and Welcome

The meeting began with a brief introduction and overview of the Nevada Integrated Source Water Protection Program (ISWPP, 2010). The overarching goal of the ISWPP is to help local communities protect the quality of their drinking water resources. The ISWPP has no regulatory requirements and is indeed a community driven, voluntary program, tailored specifically to each community's unique source water protection needs

##### Carson City Water System and Future Planning

RCI invited the group to talk about changes the Carson City water system has undergone in the last 8 years. The group also discussed newly adopted City Plans for the wastewater treatment system and the watershed, as well as future water sources and anticipated future water system demands.

Interest from the group involved an update to the CSWP Plan by including the following information:

- Form an updated CSWP Planning Team.
- Incorporate the Watershed Control Plan into the CSWP Plan.
- Integrate the Effluent Management Plan into the CSWP Plan.
- Update current water system data, including new wells, abandoned wells and/or wells not in use, new system connections, etc.
- Consider recycled water as source water.

- Action Plan update to include Public Outreach related to future septic conversions in the southeast area of Carson City.
- Consider whether a Source Water Protection Area (SWPA) delineation update might be needed.
- See about relating development code “use types” to the ISWPP potential contaminant source (PCS) list.

### Revisiting the Carson City CSWP Plan

Each group member agreed that reviewing the current CSWP Plan would be the first step toward achieving an update. The group agreed to work within a specific OneDrive link which is shared only with the group and future Team members. This makes editing documents and sharing files with the Team easier and more efficient. The group also requested that the Environmental Control Foreman be added to the OneDrive link, as well as the next meeting invitation.

### Next Steps

The next group meeting has been set for: Wednesday December 13 @ 10:00AM.

Other follow up items:

- Carson City – Review the current Carson City CSWP Plan and update sections that need revisions. Send revisions to RCI before Thanksgiving.
- Carson City –Send RCI pertinent documents, such as, the Effluent Management Plan, the Watershed Management Plan, and current water system description.
- RCI – Send Carson City a OneDrive link with their 2014 CSWP Plan in PDF and WORD..
- RCI – Add the Environmental Control Foreman to the OneDrive permissions and send her a separate email with the link.
- RCI & Carson City – Put together a list of potential Team members to discuss at the December 13, 2022 group meeting.

### Attachments

- Carson City CSWP Plan Update



# Agenda

## Source Water Protection Program

### Carson City Community Source Water Protection (CSWP) Plan Update

Date: December 13, 2022

Time: 10:00 – 11:00 am

Where: Virtual

#### 1. Welcome & Introductions

#### 2. Review Comments

- Overview of comments received from Carson City
- Key updates needed for the 2014 CSWP Plan

#### 3. Discuss the Plan Update Process

- Changes to Water Source Inventory
- Potential Contaminant Source (PCS) Update
- Source Water Protection Area (SWPA) Update
- Team Participation
- Management Strategies and Action Plan
- City Council Adoption and NDEP Endorsement

#### 4. Team Participation

Identify potential members of the Local Planning Team (Planning, Other Public Water Systems, Educators, etc.)

#### 5. Discuss the 2014 Action Plan

What has been accomplished and what else might need to be added to the Action Plan (2014 CSWP Plan, Appendix E)?

#### 6. Next Steps

## Meeting Notes

### Carson City Community Source Water Protection Plan Update Meeting

December 13, 2022

10:00pm-10:45am (Pacific)

Virtual meeting on Teams

#### Attending

NAME	CONTACT INFORMATION		AFFILIATION
Eddy Quaglieri	775-283-7395	EQuaglieri@carson.org	Carson City – Water Utility Manager
Andy Hummel	775-283-7357	AHummel@carson.org	Carson City – Wastewater Utility Manager
Joe Reyna	775-887-2355	JReyna@carson.org	Carson City - Water Production Foreman
Kelly Hale	775-283-7376	khale@carson.org	Carson City – Environmental Control Foreman
Ethan Mason	775-687-9311	e.mason@ndep.nv.gov	NDEP Integrated Source Water Protection Coordinator
Erin Smith	775-307-4168	erin@rci-nv.com	Resource Concepts, Inc. (RCI)
Alison Cramer	775-883-1600	alison@rci-nv.com	Resource Concepts, Inc. (RCI)
Jill Sutherland	775-883-1600	jill@rci-nv.com	Resource Concepts, Inc. (RCI)

#### Purpose & Overview

The purpose of this meeting was to discuss the update to the Carson City Community Source Water Protection Plan (CSWP Plan). The Carson City CSWP Plan was finalized and adopted in 2014. The meeting addressed key updates needed that include a water system review, a link to City-wide plans relevant to Source Water Protection developed since the 2014 CSWP Plan, and an Action Plan update. Additionally, the group discussed the development of a Local Planning Team (Team).

#### Discussion

##### Welcome and Introductions

The meeting began with brief introduction of the group to the Integrated Source Water Protection Plan (ISWPP) Coordinator with the Nevada Department of Environmental Protection (NDEP), Bureau of Safe Drinking Water (BSDW).

##### Carson City Community Source Water Protection Plan (CSWP Plan) Key Updates

RCI used a PowerPoint presentation to facilitate a discussion around key updates based on group comments from the previous meeting including:

- Water System Review,
- Link recent City-wide plans, relevant to Source Water Protection, to the Carson City CSWP Plan, and
- Action Plan update.

##### Carson City Water System Review

The group reviewed the 2014 CSWP Plan and provided comments via a OneDrive folder created for the group following the previous meeting. RCI presented the well locations and SWPAs to the group using

Google Earth. Carson City public works walked through the water system and source water updates, which included:

- Stewart Complex is no longer a public water system (PWS) and is now connected to the municipality,
- Several wells being mislabeled as either “inactive” or “active” and several other wells which have been disconnected from the system
- Groundwater is pumped from 30 active wells,
- Carson City obtains 25% of its water supply annually from surface water, which is down from 30% in 2014,
- Distribution and metering to 58,993 (2021 census data), up from 56,066 in 2014,
- Hobart Water System has a point of contact update, and
- The Action Plan update should include public education and outreach related to future septic conversions in the southeast area of Carson City.

The group decided to keep the existing SWPAs around NDEP listed inactive wells, as these wells may be used in the future. The group also decided that any plugged, abandoned, or disconnected wells can be removed from the water source list.

### Plan Update Process

RCI used a PowerPoint presentation to outline the general steps for updating a CSWP Plan, including:

1. Review changes to water source inventory,
2. Review any significant changes to the potential contaminant source (PCS) inventory, (e.g., major developments and land use changes),
3. Review and update SWPAs if needed,
4. Review the 2014 CWSP Plan Management Strategies and update the Action Plan, and
5. Adoption of the updated CWSP Plan by City Council followed by NDEP endorsement.

### City-Wide Plans and Topics which have Worked to Protect Source Water

RCI reviewed the City-Wide Plans referred to by the group in the last meeting. This facilitated a discussion amongst the group about how these Plans promote source water protection, and how they think the recent plans would fit into the CSWP Plan update.

#### 2020 Carson City Quill Treatment Plant - Watershed Control Program Plan

- Promotes source water protection on the west side of Carson City through watershed management efforts,
- Include public education and outreach progress resultant from this effort, and promote future planned events, and
- Document the ways in which this plan protects source water, including:
  - Coordination with the Forest Service and Open Space for sheep grazing, and
  - Monthly water quality testing.

#### 2020 Effluent Management Plan

- Useful for anticipated increases in future sewage flows and future effluent reuse irrigation locations, and
- Update the Action Plan to consider the CSWP Plan in the Effluent Management Plan updates.

#### Septic to Sewer Conversions

No new updates to the Carson City Southeast Sewer Conversion Project. Carson City sent a link to the conversion project website for RCI to review.

### *2021 Vulnerability Assessment and Emergency Response Plan*

Carson City will review or share these plans with RCI. Any potential risks to water quality which were not addressed in the 2014 CSWP Plan can be included in the update. Efforts and mechanisms outlined in these plans that protect source water could also be included in the update.

### *2018 NDEP Vulnerability Assessment*

RCI will review the 2018 NDEP vulnerability assessment for potential contaminant concerns identified since the 2014 CSWP Plan.

### Action Plan Updates

The group reviewed the Action Plan in Appendix E of the 2014 CSWP Plan prior to the meeting. Several actions were identified as completed, are currently being implemented, or have not been implemented. RCI will review the comments made by the group and prepare a draft Action Plan update. The update will provide emphasis on the successful implementation of the 2014 CSWP Plan. The group supported this approach. Specific updates discussed during the meeting included:

- Coordination and Planning – Carson City is working on a long-term agreement with the Marlette-Hobart System pertaining to water quality and dam improvements.
- Coordination and Planning - Consider source water protection in Effluent Management Plan updates.
- Domestic Septic Tank Program – Mandatory connections in the New Empire area have been completed.

### Planning Team Formation

RCI invited the group to provide feedback for the Local Planning Team (Team) Formation. Outreach suggestions from the group for Team formation included:

- Nevada Public Works, Buildings and Grounds (Marlette Water System)
- Cottonwood MHP Water System
- Other non-community water systems (RCI to verify)
- Washoe Tribe of Nevada & California (Carson Colony & Stewart Community water systems)
- Carson Water Subconservancy District
- Carson City GIS Specialist
- Carson City Community Development Director
- Carson City Open Space Manager
- Carson City Community Relations Coordinator
- Carson City Planning
- Carson City Fire
- Nevada Rural Water Association

### 2014 CSWP Plan Goals Review

RCI presented the 2014 CSWP Plan Goals and objectives using a PowerPoint presentation.

*Goal 1: Update the existing Wellhead Protection Program(s) into a readily accessible Community Source Water Protection (CSWP) Plan.*

*Goal 2: Implement and Maintain the Community Source Water Protection Plan.*



The group agreed that Goal 1 has been achieved during the 2014 CSWP Plan development with the City Council adoption and NDEP endorsement. The group agreed that the 2014 CSWP Plan update will support implementation of *Goal 2*.

### Next Steps

RCI will send a poll to set the next meeting date, which will tentatively take place in mid-February. Other follow up items:

#### Carson City

- Send RCI the updated well data and water system GIS files to review.
- Provide RCI with a list of plugged or disconnected wells.
- Review the 2021 Vulnerability Assessment (VA) and Emergency Response Plan (ERP) for additional risks not identified in the 2014 CSWP Plan. Include actions in the VA and ERP Plans which aim to protect source water.
- If available, send RCI contact information for the Washoe Tribe water systems, Cottonwood MHP Water System, Carson City GIS Specialist, and Community Relations Coordinator.

#### RCI

- Review the source water GIS files and update water source inventory – send Carson City KML/KMZ files of wells and SWPAs.
- Reach out to potential planning team members.
- Draft a preliminary Action Plan update for review by the group. Include results of discussion with other water systems.
- Draft a preliminary 'Existing/Pertinent Plans' section for review by the group.
- Review additional documents, such as the 2021 NDEP Vulnerability Assessment for additional potential contaminant issues not identified in the 2014 CSWP Plan.

### Attachments

- Carson City CSWP Plan Update

## Carson City Community Source Water Protection (CSWP) Plan Key Updates

- Water System Review

1

## Carson City Community Source Water Protection (CSWP) Plan Key Updates

- Water System Review
- Link Recent Plans to the CSWP Plan

2

## Carson City Community Source Water Protection (CSWP) Plan Key Updates

- Water System Review
- Link Recent Plans to the CSWP Plan
- Action Plan Update

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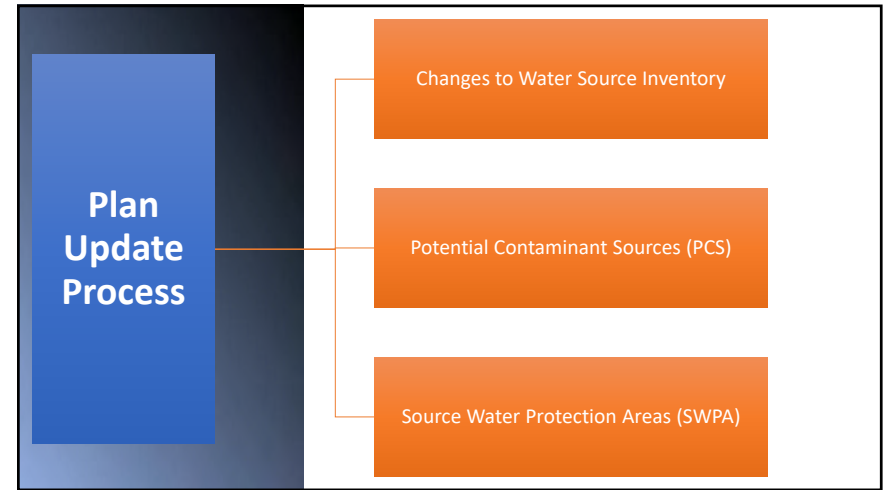
### Plan Update Process

Changes to Water Source Inventory

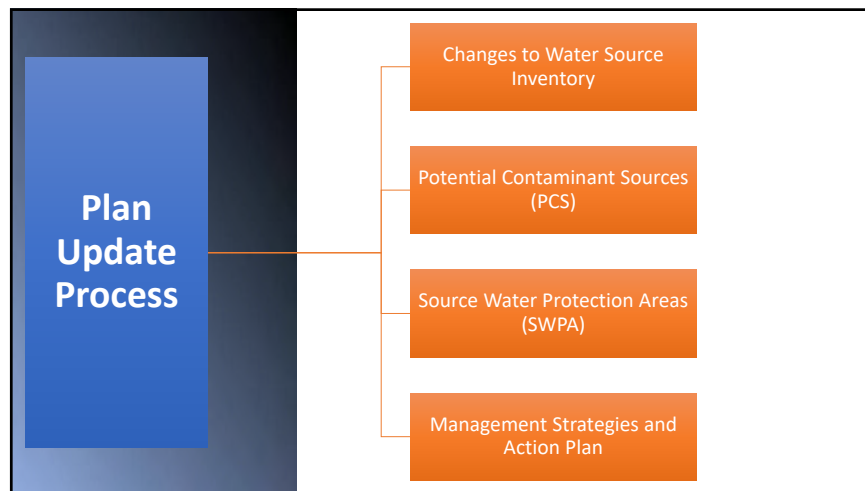
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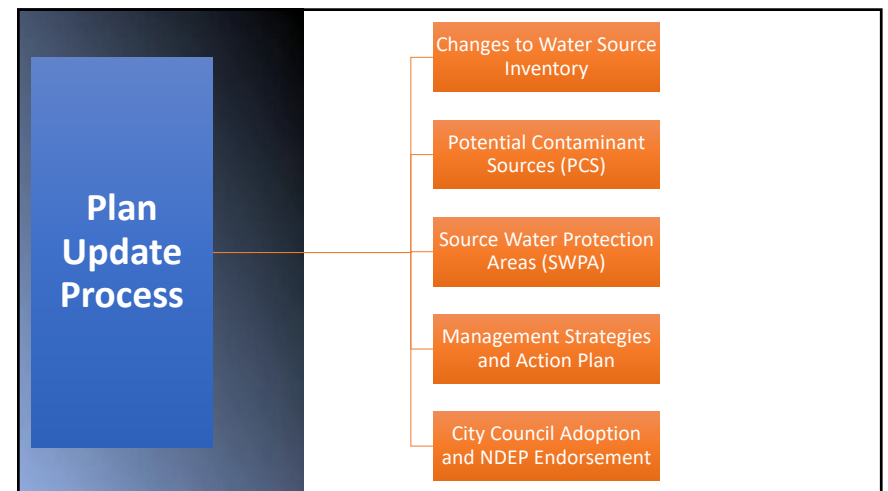
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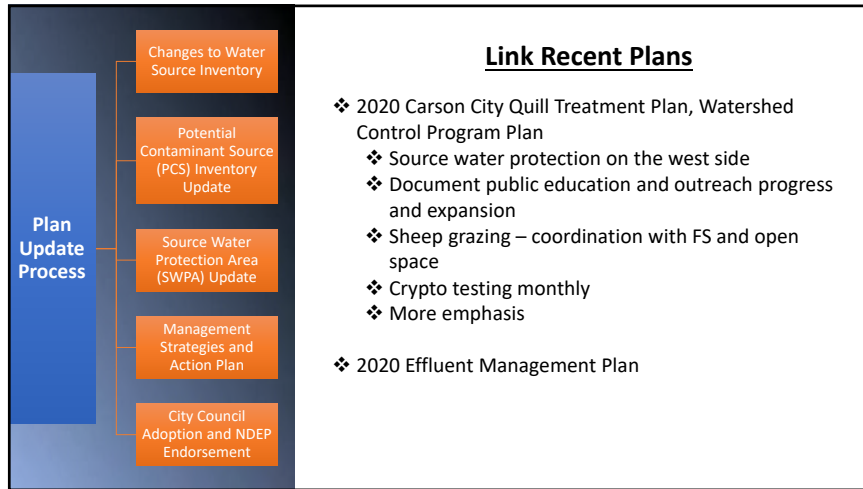
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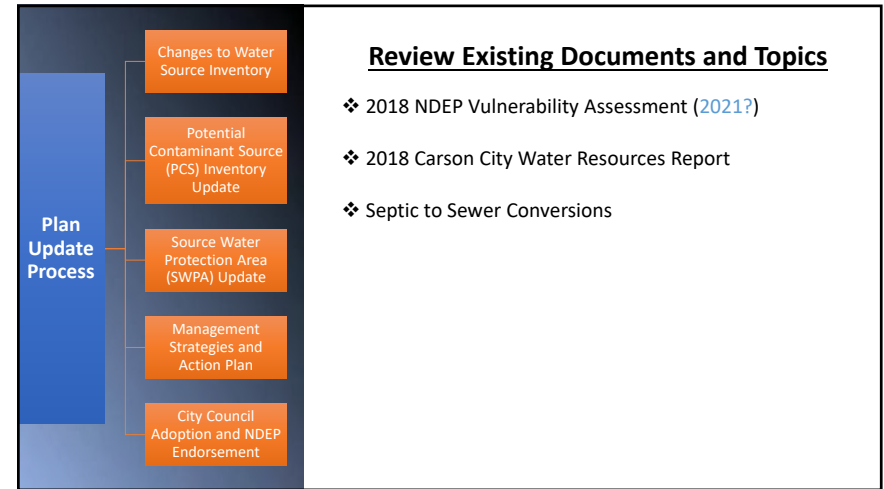
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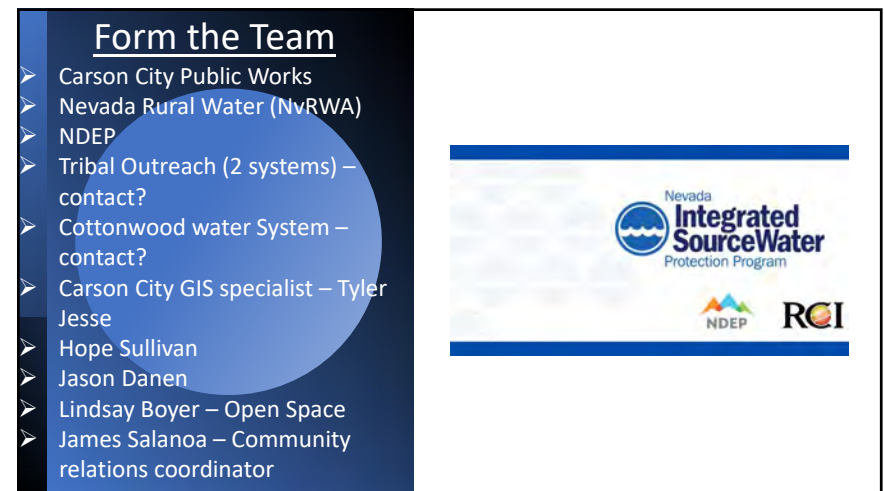
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<p><b><u>Goal 1:</u></b></p> <p><b><i>Update the existing Wellhead Protection Program(s) into a readily accessible Community Source Water Protection (CSWP) Plan</i></b></p>	
<p>1) Form a Local Planning Team.</p>	

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<p><b><u>Goal 1:</u></b></p> <p><b><i>Update the existing Wellhead Protection Program(s) into a readily accessible Community Source Water Protection (CSWP) Plan</i></b></p>	
<p>1) Form a Local Planning Team.</p> <p>2) Inventory current public water supply sources.</p>	

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<p><b><u>Goal 1:</u></b></p> <p><b><i>Update the existing Wellhead Protection Program(s) into a readily accessible Community Source Water Protection (CSWP) Plan</i></b></p>	
<p>1) Form a Local Planning Team.</p> <p>2) Inventory current public water supply sources.</p> <p>3) Update of Source Water Protection Area (SWPA) boundaries.</p>	

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<p><b><u>Goal 1:</u></b></p> <p><b><i>Update the existing Wellhead Protection Program(s) into a readily accessible Community Source Water Protection (CSWP) Plan</i></b></p>	
<p>1) Form a Local Planning Team.</p> <p>2) Inventory current public water supply sources.</p> <p>3) Update of Source Water Protection Area (SWPA) boundaries.</p> <p>4) Prepare potential contaminant source (PCS) inventory.</p>	

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<p><b><u>Goal 1:</u></b></p> <p><b><i>Update the existing Wellhead Protection Program(s) into a readily accessible Community Source Water Protection (CSWP) Plan</i></b></p>	<ol style="list-style-type: none"><li>1) Form a Local Planning Team.</li><li>2) Inventory current public water supply sources.</li><li>3) Update of Source Water Protection Area (SWPA) boundaries.</li><li>4) Prepare potential contaminant source (PCS) inventory.</li><li>5) Develop source water protections management strategies and actions that are measurable, achievable, reasonable, and timely.</li></ol>
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<p><b><u>Goal 1:</u></b></p> <p><b><i>Update the existing Wellhead Protection Program(s) into a readily accessible Community Source Water Protection (CSWP) Plan</i></b></p>	<ol style="list-style-type: none"><li>1) Form a Local Planning Team.</li><li>2) Inventory current public water supply sources.</li><li>3) Update of Source Water Protection Area (SWPA) boundaries.</li><li>4) Prepare potential contaminant source (PCS) inventory.</li><li>5) Develop source water protections management strategies and actions that are measurable, achievable, reasonable, and timely.</li><li>6) Obtain Community Source Water Protection (CSWP) Plan endorsement from NDEP.</li></ol>
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18

<p><b><u>Goal 2:</u></b></p> <p><b><i>Implement and maintain the Community Source Water Protection Plan</i></b></p>	<ol style="list-style-type: none"><li>1) Establish a schedule and process to review and update the Community Source Water Protection (CSWP) Plan.</li></ol>
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<p><b><u>Goal 2:</u></b></p> <p><b><i>Implement and maintain the Community Source Water Protection Plan</i></b></p>	<ol style="list-style-type: none"><li>1) Establish a schedule and process to review and update the Community Source Water Protection (CSWP) Plan.</li><li>2) Inform and educate city departments, industry, landowners, and the public about their role in source water protection.</li></ol>
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**Goal 2:**

***Implement and maintain the  
Community Source Water Protection  
Plan***

- 1) Establish a schedule and process to review and update the Community Source Water Protection (CSWP) Plan.
- 2) Inform and educate city departments, industry, landowners, and the public about their role in source water protection.
- 3) Manage and share information communitywide.

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**Goal 2:**

***Implement and maintain the  
Community Source Water Protection  
Plan***

- 1) Establish a schedule and process to review and update the Community Source Water Protection (CSWP) Plan.
- 2) Inform and educate city departments, industry, landowners, and the public about their role in source water protection.
- 3) Manage and share information communitywide.
- 4) Use GIS and other digital tools to communicate and maintain the CSWP Plan.

22

**Goal 2:**

***Implement and maintain the  
Community Source Water Protection  
Plan***

- 1) Establish a schedule and process to review and update the Community Source Water Protection (CSWP) Plan.
- 2) Inform and educate city departments, industry, landowners, and the public about their role in source water protection.
- 3) Manage and share information communitywide.
- 4) Use GIS and other digital tools to communicate and maintain the CSWP Plan.
- 5) Identify management strategies within 2-Year and 10-Year planning implementation windows.

23

**Goal 2:**

***Implement and maintain the  
Community Source Water Protection  
Plan***

- 1) Establish a schedule and process to review and update the Community Source Water Protection (CSWP) Plan.
- 2) Inform and educate city departments, industry, landowners, and the public about their role in source water protection.
- 3) Manage and share information communitywide.
- 4) Use GIS and other digital tools to communicate and maintain the CSWP Plan.
- 5) Identify management strategies within 2-Year and 10-Year planning implementation windows.
- 6) Apply different strategies: countywide, within source water protection areas (SWPAs), or to specific potential contaminant source (PCS) concerns.


24

**Goal 2:**  
***Implement and maintain the  
Community Source Water Protection  
Plan***

- 1) Establish a schedule and process to review and update the Community Source Water Protection (CSWP) Plan.
- 2) Inform and educate city departments, industry, landowners, and the public about their role in source water protection.
- 3) Manage and share information communitywide.
- 4) Use GIS and other digital tools to communicate and maintain the CSWP Plan.
- 5) Identify management strategies within 2-Year and 10-Year planning implementation windows.
- 6) Apply different strategies: countywide, within source water protection areas (SWPAs), or to specific potential contaminant source (PCS) concerns.
- 7) Develop a schedule to implement priority projects or actions.

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**Goal 2:**  
***Implement and maintain the  
Community Source Water Protection  
Plan***



Link to OneDrive: [ACTION PLAN](#)

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***NEXT STEPS.....***

❖ ***Meeting Date and Time***

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## 2023 Team Meetings



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# Agenda

## Source Water Protection Program

### **Carson City Community Source Water Protection (CSWP) Plan Update**

Date: February 14, 2023

Time: 10:00 – 11:00 am

Where: Virtual

#### **1. Welcome & Introductions**

#### **2. Review the CSWP Plan Outline**

- Team Formation
- Water Sources
- Potential Contaminant Source (PCS) Inventory
- Source Water Protection Areas (SWPAs)
- Management Strategies and Action Plan
- Education Plan
- City Council and NDEP Endorsement

#### **3. Outline and Discuss the Carson City CSWP Plan Update**

- Planning Team Update
- Water Source Update
- Existing Plans Update
- Action Plan Update
- City Council and NDEP Endorsement

#### **4. Action Plan**

Review and discuss Source Water Protection accomplishments since 2014 and future Source Water Protection projects for the Carson City CSWP Plan Update - Appendix E, The Action Plan.

#### **5. Discuss Planning Team Member Roles**

#### **Next Steps...**

CSWP Plan Update

## Meeting Notes

### Carson City Community Source Water Protection Plan Update Meeting

February 14, 2023

10:00pm-11:00 (Pacific)

Virtual meeting on Teams

#### Attending

NAME	CONTACT INFORMATION		AFFILIATION
Eddy Quaglieri	775-283-7395	EQuaglieri@carson.org	Carson City – Water Utility Manager
Andy Hummel	775-283-7357	AHummel@carson.org	Carson City – Wastewater Utility Manager
Hope Sullivan	775-283-7922	HSullivan@carson.org	Carson City – Community Development Director
James Salanoa	775-283-7011	JSalanoa@carson.org	Carson City – Community Relations Coordinator
Tyler Jesse	775-283-7392	TJesse@carsn.org	Carson City – GIS Specialist
Blake Gudmundson	775-687-1022	BGudmundson@admin.nv.gov	State of Nevada – Water System Operator
Christopher Berkey	702-540-6107	christopherb@nvrwa.org	Nevada Rural Water Assoc. (NvRWA)
Ethan Mason	775-687-9311	e.mason@ndep.nv.gov	NDEP Integrated Source Water Protection Coordinator
Erin Smith	775-307-4168	erin@rci-nv.com	Resource Concepts, Inc. (RCI)
Alison Cramer	775-883-1600	alison@rci-nv.com	Resource Concepts, Inc. (RCI)
Jill Sutherland	775-883-1600	jill@rci-nv.com	Resource Concepts, Inc. (RCI)

#### Purpose & Overview

The purpose of this meeting was to discuss the update to the Carson City Community Source Water Protection Plan (CSWP Plan) with the Local Planning Team (Team). The Team reviewed the 2014 Carson City CSWP Plan and addressed key updates. Key updates include a water system description, a references to current City-wide plans, and an Action Plan update.

#### Discussion

### Welcome & Introductions

The meeting began with a brief introduction of each Team member, their affiliations, and importance to Source Water Protection.

### Review CSWP Plan Outline

The Nevada Integrated Source Water Protection Program (ISWPP) Coordinator introduced the community driven, voluntary ISWPPP to the Team. Resource Concepts, Inc. (RCI) gave a brief presentation of the planning process.

RCI discussed the 2014 CSWP Plan with the Team, and highlighted Carson City for taking the lead on the former Well Head Protection Program in the 90s, including the implementation of their Household Hazardous Waste Program (HHWP) and their septic to sewer conversion accomplishments. RCI reviewed the benefits of the Action Plan, Appendix D of the 2014 CSWP Plan. Action projects which are addressed in the CSWP Plan are eligible for ISWPPP funding.

The attached PowerPoint presentation was used to facilitate a discussion around key updates based on group comments from the previous meeting, including:

- Update Planning Team,
- Update Water Source Inventory,
- Reference recent City-wide plans, relevant to Source Water Protection, in the Carson City CSWP Plan,
- Update the Action Plan.

## Outline and Discuss the Carson City CSWP Plan Update

### Planning Team Update

For this meeting, RCI reached out to prior participants in the CSWP Plan and Carson City staff in multiple departments, with information about the proposed update. RCI will continue to reach out to the following potential team members who were not present: the contact for the Washoe Tribe of Nevada and California water systems, Carson City Parks and Open Space, Cottonwood Mobile Home Park, Carson Water Subconservancy District, and the Carson City stormwater coordinator.

### Water Source Update

Carson City has provided key updates to their water system. The Team decided to keep the existing SWPAs around NDEP listed inactive wells, as these wells may be used in the future and are a possible conduit to groundwater. The Team also decided that any plugged, abandoned, or disconnected wells can be removed from the water source list.

The State of Nevada indicated the following updates to their sections of the 2014 CSWP Plan:

- Stewart Water System no longer exists, and service is now provided by Carson City,
- Updates to the Marlette-Hobart Water System (Marlette System), and
- Any additional water quality improvements or education and outreach activities which relate to Source Water Protection.

Carson City provided insight into the Cottonwood MHP water system (Cottonwood System), including:

- Cottonwood System is still a separate privately owned water system,
- Cottonwood Estates possibly changed owners within the last year, and
- Carson City will inquire about a contact.

### 2014 CSWP Plan Goals Review

RCI presented the 2014 CSWP Plan Goals:

- *Goal 1: Update the existing Wellhead Protection Program(s) into a readily accessible Community Source Water Protection (CSWP) Plan.*
- *Goal 2: Implement and Maintain the Community Source Water Protection Plan.*

The group agreed that Goal 1 has been achieved during the 2014 CSWP Plan development with the City Council adoption and NDEP endorsement. The group agreed that the 2014 CSWP Plan update will support implementation of *Goal 2*.

## Management Strategies Update

The Team reviewed the 2014 CSWP Plan Management Strategies. The following management strategies are still relevant and will probably not change, though the Action Plan will be updated:

- Coordination and Planning,
- Domestic Septic Tank Program,
- Household Hazardous Waste Program,
- Pretreatment Program,
- Public Education and Outreach,
- Regulatory Measures, and
- Solid Waste Management Program.

Additional management strategies may be included as CSWP Plan updates evolves.

## Recent City-Wide Plans and Source Water Protection

The Team reviewed the current list of City-wide plans related to Source Water Protection and recommended including the following references:

- 2020 Effluent Management Plan
  - Update the Action Plan to *Consider Source Water Protection in updates to the Effluent Management Plan* under *Coordination and Planning*.
- 2021 Vulnerability Assessment and Emergency Response Plan
  - Carson City Public Works to submit a summary of the documents to RCI, and include:
    - Updates to any potential water quality risks since 2014, and
    - Highlight efforts in the Plans which support source water protection.
- Carson City Quill Water Treatment Plant Watershed Control Plan
  - Watershed Control Action Plan should be consistent with measures in the CSWP Action Plan, and
  - Watershed Assessment Day will continue annually and will be highlighted in the updated Action Plan.

Carson City public works clarified that the Carson City and Marlette System Agreement is a wholesale water agreement, and the Team agreed not to include the document the 2014 CSWP Plan update.

## Plan Update Process

The Team agreed to review the Action Plan sections sent by RCI and will report specific accomplishments so that source water protection achievements can be highlighted in the updated CSWP Plan. RCI will resend documents which need updating to the Team, and the Team agreed that input will be submitted by end of March. The Team agreed to work on completing the update via submittals, with one or two more meetings to review the revised documents. The Team also discussed how they would like their CSWP Plan to be updated, and discussed how the CSWP Plan update should look similar to other City-Wide Plan updates.

## Action Plan Review Discussion

Comments about updates to line-items in the Action Plan have been provided by Public Works and Environmental Control staff.

The Carson City Water Reclamation Facility staff suggested that reuse/recycled water management might play more of a role in source water management looking forward.

Development Services suggested that source water protection should be considered in the 2024 Carson City Master Plan Update. Updates to the Master Plan might include recharge areas and floodplain management within Carson City. Carson City Public Works may give a presentation to the Planning Commission, and dates are TBD, following Team review of CSWP Plan updates. The Team discussed and agreed to add the Stormwater Manager to the Team. Carson City public works will reach out to discuss the possibility.

State of Nevada water system manager and RCI will follow up on his system and action item updates before the next meeting.

## Next Steps

**Next Team Meeting:** Wednesday March 22, 2023, from 10:00 – 11:00 am

### RCI

- Provide the “contacts” table to the team for updated position or contact information.
- Update the source water GIS files and update water source maps for Team review.
- Send Team members specific Action Plan items to update for review.
- Draft a preliminary ‘Existing/Pertinent Plans’ section for review by the Team.
- Follow up with potential Team Members not present.

### Carson City


- Send RCI a summary of the any pertinent information in the 2021 Vulnerability Assessment and Emergency Response Plan, for example:
  - Updates to any potential water quality risks since 2014, and
  - Highlight efforts in the Plans which support source water protection.
- If available, send RCI contact information for the Cottonwood MHP Water System and Carson City Stormwater Manager.
- Send RCI .shp files of updated water system data to accompany the .lyr files.

### Team

- Review the specific Action Plan items sent by RCI and report specific accomplishments so that community source water protection achievements can be highlighted in the updated CSWP Plan.
- Review the Action Plan and send RCI additional action items to achieve future community source water protection goals.

## OneDrive

- Carson City CSWP Plan Update




**Nevada Integrated Source Water Protection Program**


<https://ndep.nv.gov/water/source-water-protection>

Bureau of Safe Drinking Water


- ISWPP Coordinator
- 775-687-9503
- [e.mason@ndep.nv.gov](mailto:e.mason@ndep.nv.gov)



Presentation by



Contractor for the Nevada Integrated Source Water Protection Program (ISWPP)

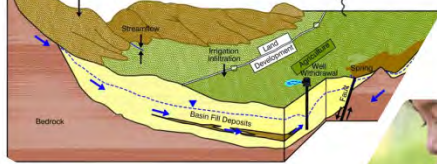


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### What's in a Community Source Water Protection Plan (CSWP Plan)?

Local Team	Develop a Local Planning Team.
Water Source	Identify where your source water comes from.
Potential Contaminants	Identify potential contaminant sources including present and future land use.
Strategies	Develop strategies to protect source water from potential sources of contamination.
Action Plan	Develop an action plan to implement protection measures.
Implementation	Implement the action plan.


3




### What is the Integrated Source Water Protection Program?

ISWPP is **voluntary** approach... to empower communities to develop and implement a local plan to protect their sources of drinking water

**Your community protecting your drinking water.**





2

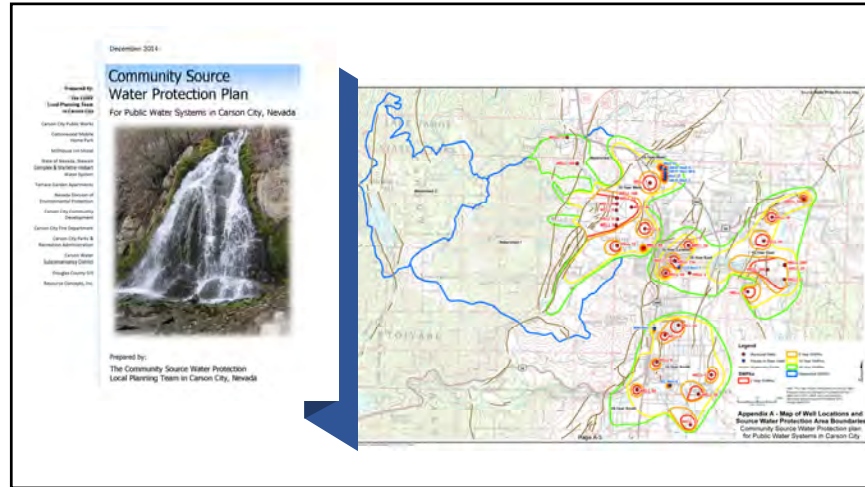
### What's in a Community Source Water Protection Plan (CSWP Plan)?

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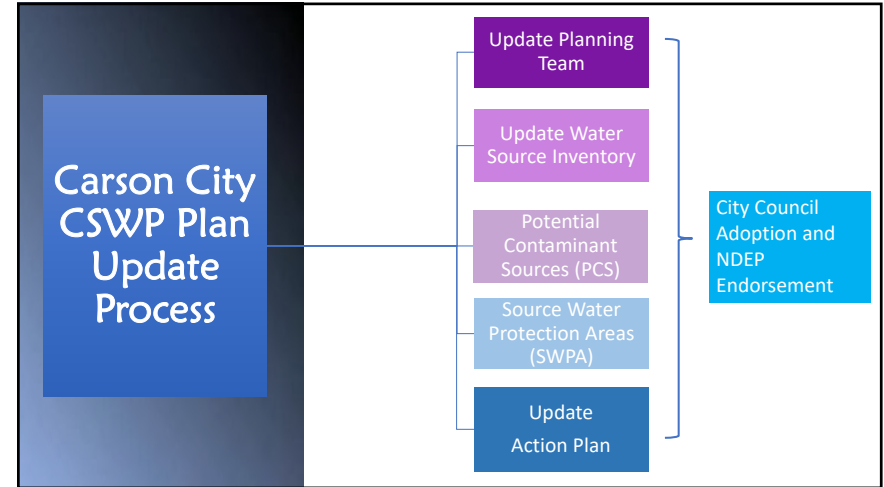
City Council Adoption and NDEP Endorsement

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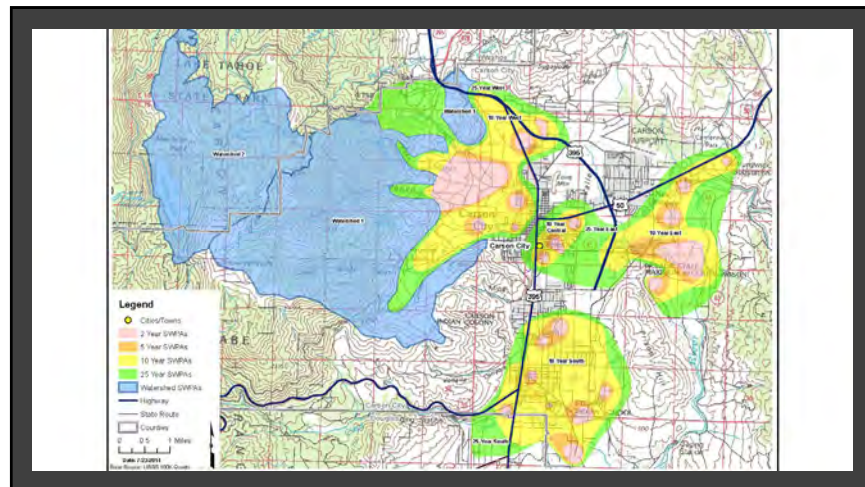




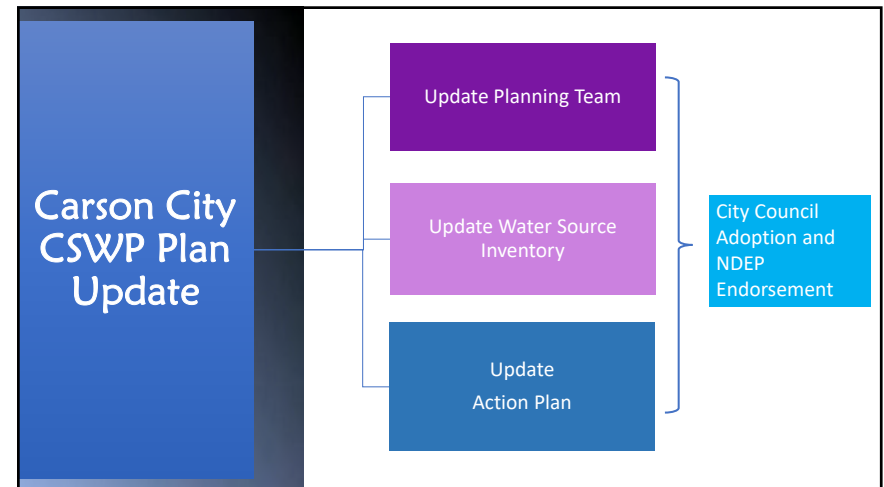
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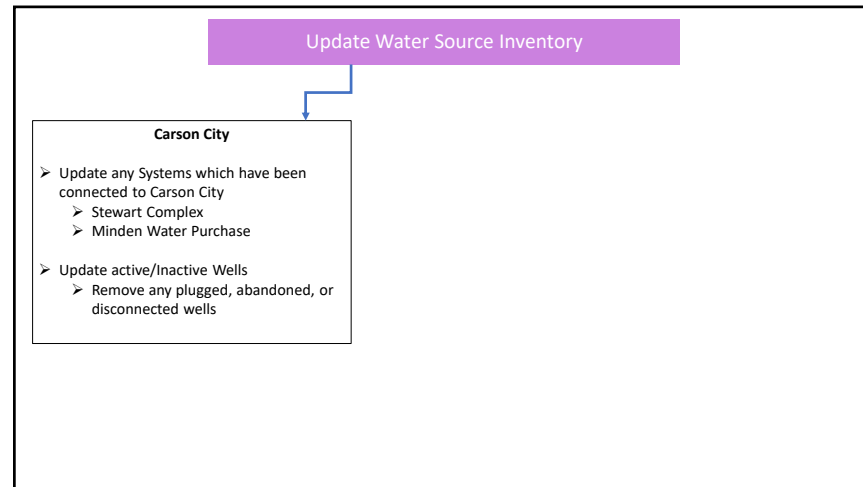
Update the Planning Team:

CSWP Plan Contact List Update

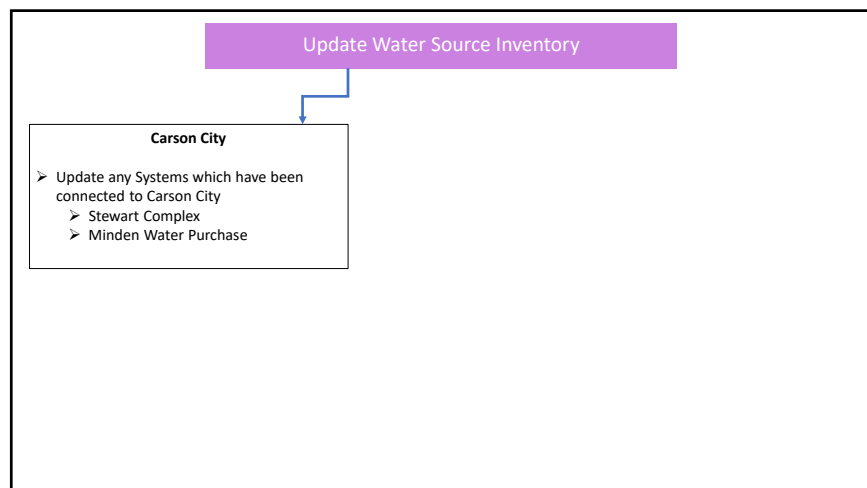
Team Member	Contact Information	Planning Effort Responsibilities
Carson Water Subconservancy District <i>General Manager</i>	775-887-7456	Coordination and context with other Carson River watershed communities.
Carson City Public Works <i>Water Operations Manager Utility Director Environmental Control Supervisor Chief Stormwater Engineer</i>	775-887-2355	Provided details for operations, goals, and management strategy development.
Carson City Fire Department <i>Assistant Fire Chief Fire Chief</i>	775-887-2210	Coordination with emergency response procedures and personnel training.
Carson City Parks & Open Space Department <i>Open Space Manager</i>	775-887-2262	Coordination for watershed protection.
Carson City Planning Department <i>Director</i>	775-887-2180	Planning coordination and management strategy development.
Cottonwood Mobile Home Park <i>Proprietor</i>	775-883-8823	Privately owned PWS protection input
Douglas County GIS <i>GIS Supervisor</i>	775-782-9045	GIS CSWP Flex Viewer development.
Marlette-Hobart Water System State of Nevada <i>Water Systems Manager</i>	775-687-1022	Coordination and details regarding the Marlette-Hobart Water System and Stewart Complex well.
Nevada Division of Environmental Protection, Bureau of Water Pollution Control, ISWPP <i>Program Coordinator</i>	775-687-9503	Plan development guidance.
Resource Concepts, Inc. <i>Technical staff</i>	775-883-1600	Plan coordination and technical assistance.

RCI will send out Table 2-1 to the Team.....

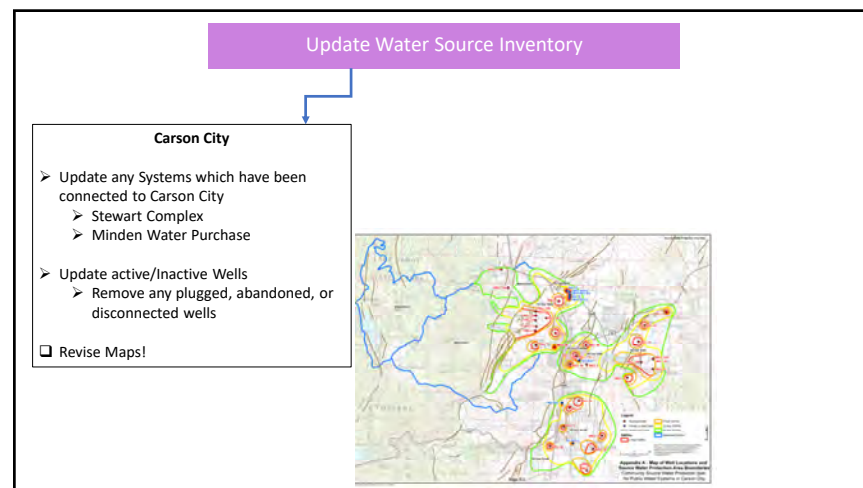
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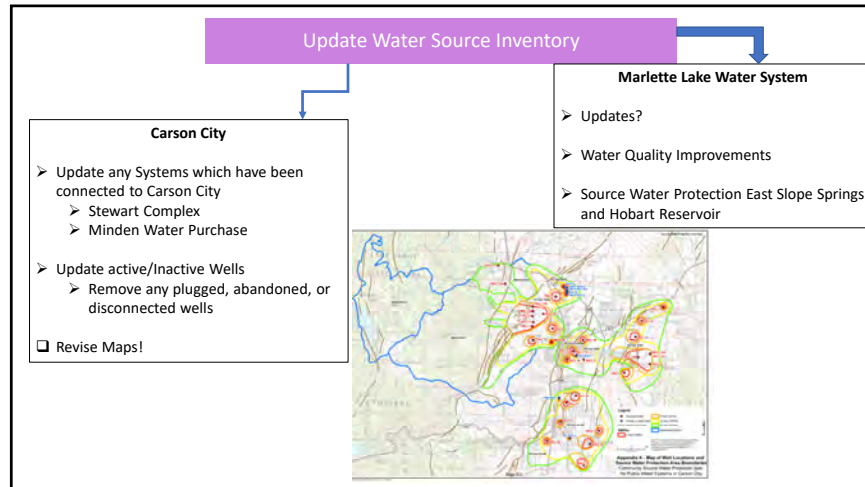
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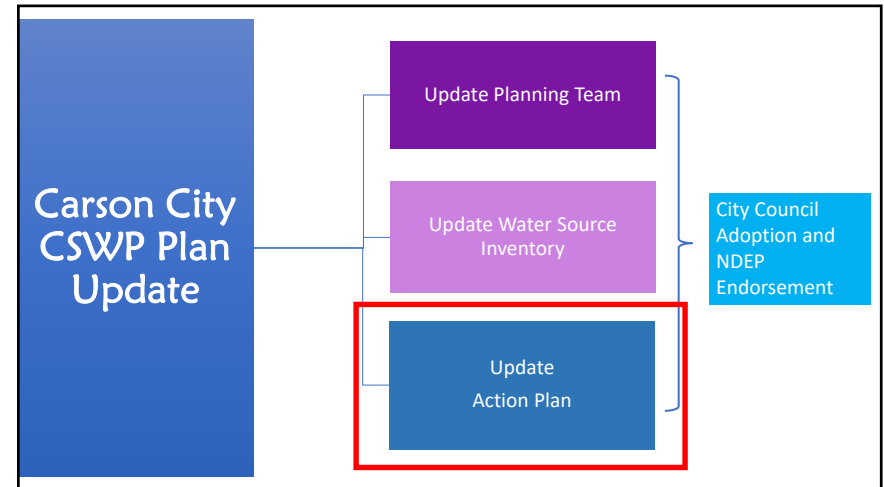
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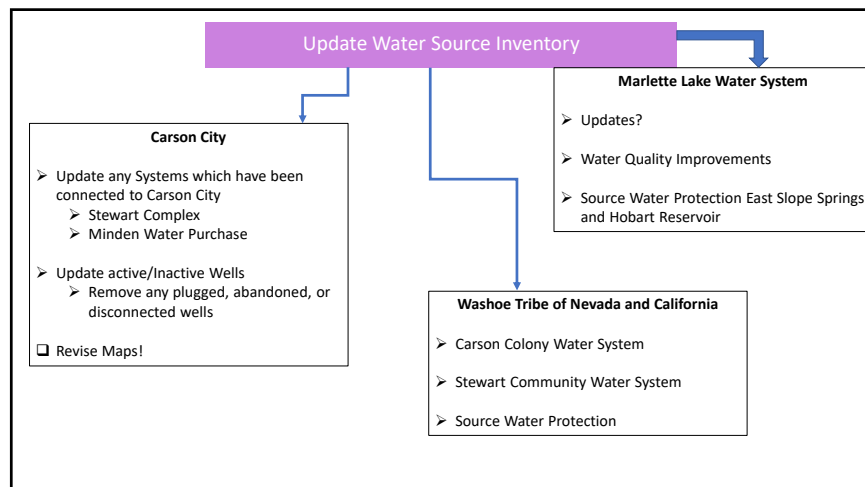
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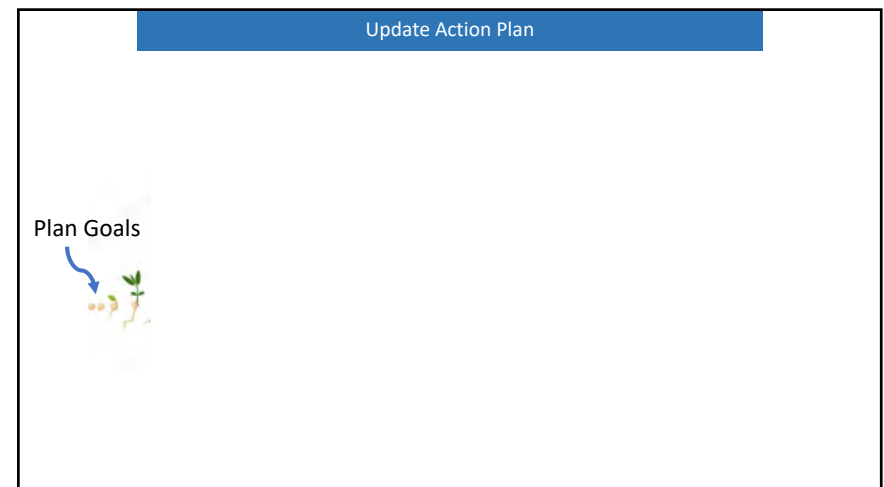
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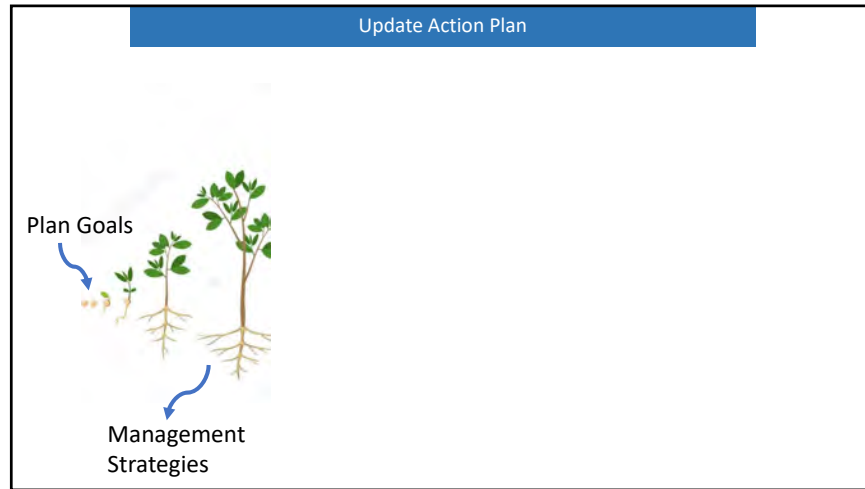
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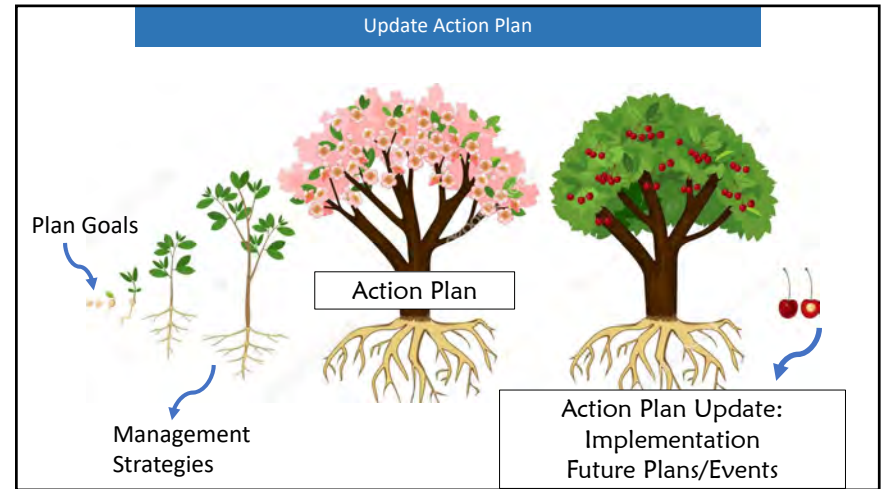
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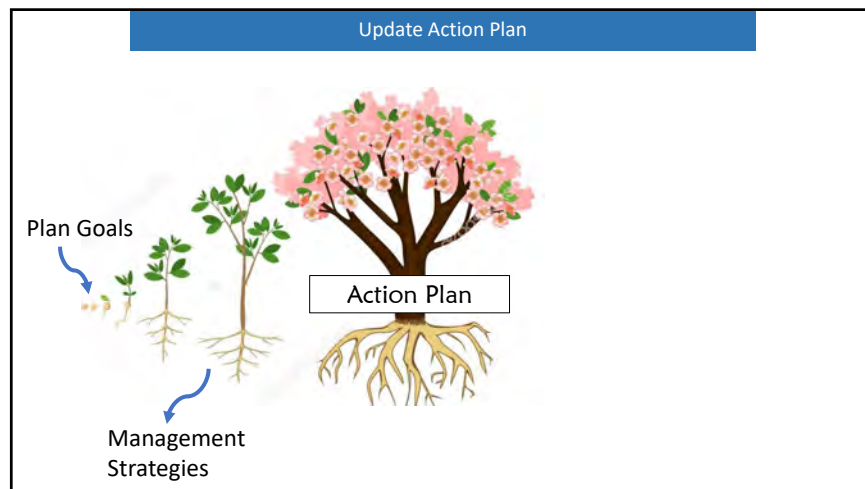
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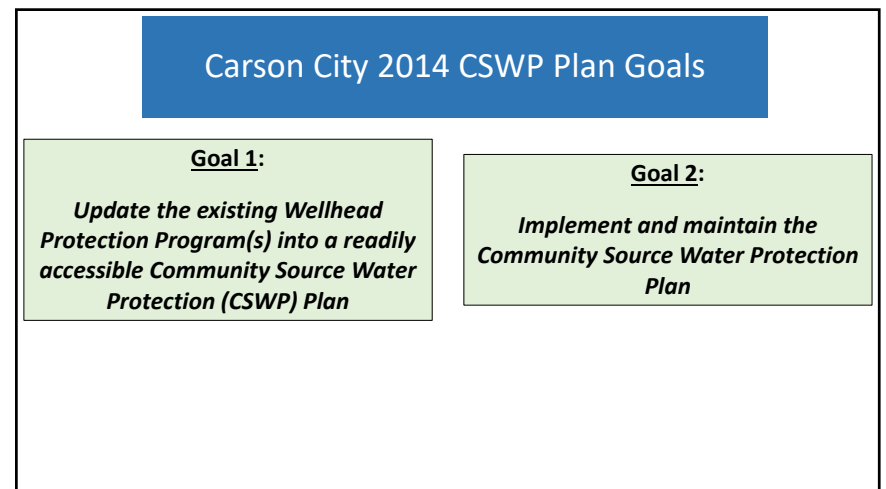
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### Carson City 2014 CSWP Plan Goals

**Goal 1:**

*✓✓ Update the existing Wellhead Protection Program(s) into a readily accessible Community Source Water Protection (CSWP) Plan*

**Goal 2:**

*Implement and maintain the Community Source Water Protection Plan*

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### 2023 Management Strategies

- ❖ Coordination and Planning
- ❖ Domestic Septic Tank Program
- ❖ Fuel Storage Tank Program
- ❖ Household Hazardous Waste Program
- ❖ Maintenance
- ❖ Open Space Management
- ❖ Pretreatment Program

- ❖ Public Outreach and Education
- ❖ Regulatory Measures
- ❖ Shallow Groundwater Monitoring
- ❖ Solid Waste Management Program
- ❖ Spills and Complaints
- ❖ Private Well Condition

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### Goal 2: Implement and maintain the CSWP Plan. 2014 Management Strategies


- ❖ Coordination and Planning
- ❖ Domestic Septic Tank Program
- ❖ Fuel Storage Tank Program
- ❖ Household Hazardous Waste Program
- ❖ Maintenance
- ❖ Open Space Management
- ❖ Pretreatment Program

- ❖ Public Outreach and Education
- ❖ Regulatory Measures
- ❖ Shallow Groundwater Monitoring
- ❖ Solid Waste Management Program
- ❖ Spills and Complaints
- ❖ Private Well Condition


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Update Action Plan:  
Highlight YOUR Source Water Protection Achievements!  
What else are YOU hoping to accomplish?

Any measure of a successful society is in some way related to access to safe water.



HAVE A QUESTION ABOUT  
**WATER?**  
We have answers.



Delivering Safe Drinking Water

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Update Action Plan: Highlight YOUR Source Water Protection Achievements! What else are YOU hoping to accomplish?									
Carson City Source Water Protection Action Plan		Applicable Area							Key Implementing Department or Group
Management Strategy	Action Description	Priority +/-	County Wide	2-yr SWPA	5-yr SWPA	10-yr SWPA	25-yr SWPA	Watershed/Recharge	
Coordination and Planning	Consider conducting a source water protection needs assessment in collaboration with landowners.	High						X	Public Works, State Hobart/Mariette System
Coordination and Planning	Consider designating the land use "public conservation" to protect water quality.	Medium						X	Planning
Coordination and Planning	Consider direct coordination with State Parks for protection of surface water quality in the Mariette-Hobart water system.	Medium						X	Public Works, State Hobart/Mariette System
Coordination and Planning	Consider an agreement between Carson City and the State of Nevada to clarify roles and responsibilities regarding the Mariette-Hobart water system.	Medium	X					X	Public Works State Hobart/Mariette System
Coordination and Planning	Consider an annual interdepartmental CSWP Plan status update including assigning roles and responsibilities in coordination with other meetings or trainings (Planning, Health and Human Services, Public Works (environmental control, water stormwater, Fire Department, Open Space).	High	X						Public Works Director or Designee
Coordination and Planning	Consider annual updates and maintenance of the CSWP FlexViewer digital files	High	X						Public Works
Domestic Septic Tank Program	Maintain the existing program and continue to work toward completing mandatory connections in the New Empire and Southeast Carson City areas.	High		X	X	X	X		Public Works

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Update Action Plan Highlight YOUR Source Water Protection Achievements!	
<p><b><u>2020 Effluent Management Plan and SWP</u></b>  <i>Anticipated increases in future sewage flows and future effluent reuse irrigation locations</i></p> <p><b><u>Management Strategy:</u></b> Coordination and Planning</p> <p><b><u>Action:</u></b> Consider Source Water Protection in updates to the Effluent Management Plan.</p>	

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Update Action Plan Highlight YOUR Source Water Protection Achievements!	
<p><b><u>2020 Effluent Management Plan and SWP</u></b>  <i>Anticipated increases in future sewage flows and future effluent reuse irrigation locations</i></p>	

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Update Action Plan Highlight YOUR Source Water Protection Achievements!	
<p><b><u>2021 Vulnerability Assessment and Emergency Response Plan</u></b>  <i>Update any potential risks to water quality which weren't addressed in the 2014 CSWP Plan and highlight efforts which protect source water.</i></p>	

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Update Action Plan  
 Highlight YOUR Source Water Protection Achievements!

**2021 Vulnerability Assessment and Emergency Response Plan**  
*Update any potential risks to water quality which weren't addressed in the 2014 CSWP Plan and highlight efforts which protect source water.*

**Management Strategy:** Coordination and Planning....  
*Anything else?*

- ❖ Domestic Septic Tank Program
- ❖ Fuel Storage Tank Program
- ❖ Household Hazardous Waste Program
- ❖ Maintenance
- ❖ Open Space Management
- ❖ Pretreatment Program
- ❖ Public Outreach and Education
- ❖ Regulatory Measures
- ❖ Shallow Groundwater Monitoring
- ❖ Solid Waste Management Program
- ❖ Spills and Complaints
- ❖ Private Well Condition

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Update Action Plan  
 Highlight YOUR Source Water Protection Achievements!

**Carson City and Marlette Lake Water System Agreement**  
*Long-Term agreement between Carson City and MLWS pertaining to water quality and dam improvements.*

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Update Action Plan  
 Highlight YOUR Source Water Protection Achievements!

**2021 Vulnerability Assessment and Emergency Response Plan**  
*Update any potential risks to water quality which weren't addressed in the 2014 CSWP Plan and highlight efforts which protect source water.*

**Management Strategy:** Coordination and Planning....  
*Anything else?*

**Team Lead:** Carson City Public Works submit summary to RCI

- ❖ Domestic Septic Tank Program
- ❖ Fuel Storage Tank Program
- ❖ Household Hazardous Waste Program
- ❖ Maintenance
- ❖ Open Space Management
- ❖ Pretreatment Program
- ❖ Public Outreach and Education
- ❖ Regulatory Measures
- ❖ Shallow Groundwater Monitoring
- ❖ Solid Waste Management Program
- ❖ Spills and Complaints
- ❖ Private Well Condition

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Update Action Plan  
 Highlight YOUR Source Water Protection Achievements!

**Carson City and Marlette Lake Water System Agreement**  
*Long-Term agreement between Carson City and MLWS pertaining to water quality and dam improvements.*

**Management Strategy:** Coordination and Planning....  
*Anything else?*

- ❖ Domestic Septic Tank Program
- ❖ Fuel Storage Tank Program
- ❖ Household Hazardous Waste Program
- ❖ Maintenance
- ❖ Open Space Management
- ❖ Pretreatment Program
- ❖ Public Outreach and Education
- ❖ Regulatory Measures
- ❖ Shallow Groundwater Monitoring
- ❖ Solid Waste Management Program
- ❖ Spills and Complaints
- ❖ Private Well Condition

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Update Action Plan  
Highlight YOUR Source Water Protection Achievements!

**Carson City and Marlette Lake Water System Agreement**  
*Long-Term agreement between Carson City and MLWS pertaining to water quality and dam improvements.*

**Management Strategy:** Coordination and Planning....  
Anything else?

**Team Lead:** Carson City Public Works and MLWS submit summary to RCI to highlight your SWP achievements.

- ❖ Domestic Septic Tank Program
- ❖ Fuel Storage Tank Program
- ❖ Household Hazardous Waste Program
- ❖ Maintenance
- ❖ Open Space Management
- ❖ Pretreatment Program
- ❖ Public Outreach and Education
- ❖ Regulatory Measures
- ❖ Shallow Groundwater Monitoring
- ❖ Solid Waste Management Program
- ❖ Spills and Complaints
- ❖ Private Well Condition

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**Highlight Action Plan Success!!**

**Management Strategy:**  
Domestic Septic Tank Program

✓ Mandatory connections in the New Empire area have been completed

**Management Strategy:**  
Household Hazardous Waste Program

✓ Currently accepts needles and sharps from the Partnership Carson City and from private citizens.

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Update Action Plan  
Highlight YOUR Source Water Protection Achievements!

**Carson City Quill Water Treatment Plant Watershed Control Plan**

➤ 2021 Action Plan Update

➤ 2022 Annual Status Report

- ❖ Domestic Septic Tank Program
- ❖ Fuel Storage Tank Program
- ❖ Household Hazardous Waste Program
- ❖ Maintenance
- ❖ Open Space Management
- ❖ Pretreatment Program
- ❖ Public Outreach and Education
- ❖ Regulatory Measures
- ❖ Shallow Groundwater Monitoring
- ❖ Solid Waste Management Program
- ❖ Spills and Complaints
- ❖ Private Well Condition


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**Highlight Action Plan Success!!**


Carson City Source Water Protection Action Plan		Applicable Area							Key Implementing Department or Group	
Management Strategy	Action Description	Priority	County Wide	2-yr SWPA	5-yr SWPA	10-yr SWPA	25-yr SWPA	Watershed/Recharge		Other
Domestic Septic Tank Program	Consider prioritizing municipal sewage facility extension projects based on the location of septic systems in the 2, 5, 10, or 25-year SWPAs.	High	X							Public Works
Domestic Septic Tank Program	Consider revising code language to allow more control over new septic systems on single parcels.	Low		X			X	X		Planning
Fuel Storage Tank Program	Develop and maintain management strategies directed at the ASTs.	Medium	X							Public Works, Fire Department
Household Hazardous Waste Program	Request technical assistance to update the HHW outreach and education process (handouts, mailings, website information, etc.). <span style="background-color: #00ff00;">Request HHW training, assist in signage, workshop on vehicles</span>	High	X							Public Works
Household Hazardous Waste Program	Request technical assistance to formalize operating procedures for the existing HHW program. <span style="background-color: #00ff00;">HHW SOPs, Manual</span>	High	X							Public Works
Household Hazardous Waste Program	Consider HHW Program collaboration with other communities or counties. <span style="background-color: #00ff00;">Visit Cheyenne main line without program. Designate HHW program locations</span>	High	X							Public Works
Household Hazardous Waste Program	Evaluate the need and feasibility for accepting waste paint. <span style="background-color: #00ff00;">Waste paint could come from private and public groups, and from illegal or other sources</span>	High	X							Public Works
Household Hazardous Waste Program	Consider expanding the HHW program to address disposal of pharmaceuticals from residential sources. <span style="background-color: #00ff00;">We don't currently</span>	Low	X							Public Works

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Management Strategy	Action Description
Open Space Management	Consider conducting an open space needs assessment for source water protection coordinated among Public Works and Open Space Departments for surface waters.
Open Space Management	Identify facilities or best management practices to protect runoff and recharge water quality.
✓✓ Public Outreach and Education	✓✓ Consider coordination with Parks and Open Space for educational signage regarding source water protection for watershed/recharge SWPAs.
Public Outreach and Education	Future Events.....




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- Emergency Management
- Public Works
- Community Development
- Community Relations
- State of Nevada
- Parks and Recreation
- Washoe Tribe of Nevada and California
- Carson City GIS



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Management Strategy	Action Description
Coordination and Planning	Consider designating the land use "public conservation" to protect water quality.
Domestic Septic Tank Program	Consider revising code language to allow more control over new septic systems on single parcels. – Codes <a href="#">12.05.015</a> and <a href="#">12.05.020</a> – Anything Recent?
Maintenance	Continue best management practices that reduce stormwater contamination and the potential for contaminant infiltration in areas near wellheads.
Regulatory Measures	Request technical assistance to review code and to develop a strategy for revisions.
Regulatory Measures	Consider code updates for septic system construction appropriate for watershed/recharge areas. – Codes <a href="#">12.05.015</a> and <a href="#">12.05.020</a> – Anything Recent?
	Future Actions?



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**Goal 2:**

***Implement and maintain the  
Community Source Water Protection  
Plan***



Link to OneDrive: [ACTION PLAN  
Carson City CSWP Plan Update](#)

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**Goal 2:**  
*Implement and maintain the  
Community Source Water Protection  
Plan*

How do YOU want your Updated CSWP Plan to be formatted?

41

**Goal 2:**  
*Implement and maintain the  
Community Source Water Protection  
Plan*

How do YC want your Updated CSWP Plan to be formatted?

How do ed CSWP want your Updated CSWP Plan to be formatted?

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**Goal 2:**  
*Implement and maintain the  
Community Source Water Protection  
Plan*

How do YOU want your Updated CSWP Plan to be formatted?

City Council Adoption

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**NEXT STEPS.....**

❖ *Meeting Date and Time*

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## Meeting Notes

### Carson City Community Source Water Protection Plan Update Meeting

February 15, 2023

3:00-4:15 (Pacific)

In Person Meeting at Resource Concepts, Inc. (RCI)

#### Attending

NAME	CONTACT INFORMATION		AFFILIATION
Blake Gudmundson	775-687-1022	BGudmundson@admin.nv.gov	State of Nevada – Water System Operator
Ethan Mason	775-687-9311	e.mason@ndep.nv.gov	NDEP Integrated Source Water Protection Coordinator
Alison Cramer	775-883-1600	alison@rci-nv.com	Resource Concepts, Inc. (RCI)
Jill Sutherland	775-883-1600	jill@rci-nv.com	Resource Concepts, Inc. (RCI)

#### Purpose & Overview

The purpose of this meeting was to discuss updates to the Marlette - Hobart Water System (Marlette System) for the 2014 Carson City Community Source Water Protection Plan (CSWP Plan) update. The Carson City CSWP Plan was finalized and adopted in 2014. The meeting began with introductions, and the State of Nevada provided an overview of the Marlette System. The group reviewed the 2014 action plan and discussed updates for the State water systems.

#### Discussion

##### Welcome, Introductions, and CSWP Plan Review

The meeting began with a brief introduction of each group member and their affiliations.

##### Stewart Complex

The State of Nevada provided a brief overview of the Stewart Complex, including:

- 4 wells in the Stewart complex, and one disinfection water treatment system which has been shut down,
- One abandoned well, two inactive wells, one of which cannot be abandoned due to a historic building sitting atop the wellhead, and one active well which is not currently in use (Well 6),
- The two inactive wells were not included in the 2014 Carson City CSWP Plan,
- The two inactive wells will remain inactive to keep State of Nevada water rights current,
- The State tied into Carson City Public Water System (PWS) and does not currently use Well 6,
- Well 6 is currently still active, although not in use, and still belongs to the State, and
- The well at the armory was abandoned, and water rights were moved from the armory to the Stewart Complex.

The group discussed the current Source Water Protection Area (SWPA) around Well 6. The State of Nevada agreed that the SWPA around Well 6 should remain, as it is still a conduit to groundwater.

## Clear Creek

The State of Nevada provided a brief overview of the Clear Creek wells and water treatment system, including:

- Two wells in the Clear Creek Water System and one wastewater treatment plant,
- The State has water rights to Clear Creek and currently uses it for irrigation,
- The treatment plant is currently inactive, but the building is intact,
- The State runs the wells every summer to keep water rights active,
- Clear Creek is not a public water system, and
- All of the homes along Clear Creek are most likely on private wells and individual sewage disposal systems.

## Marlette-Hobart Water System

The State of Nevada provided an overview of updates to the Marlette System including:

- There have currently been no cryptosporidium hits,
- Carson City public works has a separate water quality sampling program for Marlette Lake,
- Dam improvements for Marlette Lake are currently in the planning process, and will be coordinated with updates to the Quill Treatment Plant, and
- The biggest source water protection concern for the State is public access to Marlette Lake and Hobart Reservoir.

The group discussed and agreed on Action Items to add to the 2014 Carson City CSWP Plan, including:

- SWPA signage along the pipeline road to Hobart Reservoir,
- SWPA signage at the base of the mountain bike and hiking trails leading to Marlette Lake,
- Coordination with Carson City to incorporate the Marlette System into Source Water Assessment Day, and
- Interactive signage, such as QR codes, which explain source water and source water protection to the public who use Marlette Lake and Hobart Reservoir for recreation.

## Next Steps

### RCI

- Send the State of Nevada updated Action Plan items for review.

### State of Nevada

- Update the water system sections of the 2014 CSWP Plan provided to you by RCI.

## OneDrive

- Carson City CSWP Plan Update



# Agenda

## Source Water Protection Program

### **Carson City Community Source Water Protection (CSWP) Plan Update**

Date: March 22, 2023

Time: 10:00 – 11:00 am

Where: Virtual

#### **1. Welcome & Introductions**

#### **2. Review and Discuss CSWP Plan Main Body Updates**

- Water Sources,
- Existing Plans and Studies, and
- Planning Team Tables.

#### **3. Review and Discuss CSWP Action Plan Updates**

Review and discuss the updated Action Plan, which highlights Source Water Protection accomplishments since 2014 and outlines future Source Water Protection projects.

#### **4. Discuss CSWP Plan Update Format**

#### **Next Steps...**

Carson City CSWP Plan Update

## Meeting Notes

### Carson City Community Source Water Protection Plan Update Meeting

March 22, 2023

10:00AM-11:00AM (Pacific)

Virtual meeting on Teams

#### Attending

NAME	CONTACT INFORMATION		AFFILIATION
Eddy Quaglieri	775-283-7395	EQuaglieri@carson.org	Carson City – Water Utility Manager
Andy Hummel	775-283-7357	AHummel@carson.org	Carson City – Wastewater Utility Manager
Kelly Hale	775-283-7376	khale@carson.org	Carson City – Environmental Control Foreman
Brianna Greenlaw	775-283-7083	Bgreenlaw@carson.org	Carson City – Stormwater Manager
James Salanoa	775-283-7011	JSalanoa@carson.org	Carson City – Community Relations Coordinator
Tyler Jesse	775-283-7392	TJesse@carsn.org	Carson City – GIS Specialist
Ed James	775-887-7456	edjames@cwdsd.org	Carson Water Subconservancy District (CWSD) – General Manager
Christopher Berkey	702-540-6107	christohperb@nvrwa.org	Nevada Rural Water Assoc. (NvRWA)
Ethan Mason	775-687-9311	e.mason@ndep.nv.gov	NDEP Integrated Source Water Protection Coordinator
Alison Cramer	775-883-1600	alison@rci-nv.com	Resource Concepts, Inc. (RCI)
Jill Sutherland	775-883-1600	jill@rci-nv.com	Resource Concepts, Inc. (RCI)

#### Purpose & Overview

The purpose of this meeting was to discuss the update to the Carson City Community Source Water Protection Plan (CSWP Plan) with the Local Planning Team (Team). The Team reviewed the 2014 Carson City CSWP Plan and addressed key updates. Key updates include a water system description, references to current City-wide plans, and the Action Plan.

#### Discussion

##### 1. Welcome and Introductions

Contacts responsive but unable to attend include: CC Open Space, Washoe Tribe of Nevada and California (WTNC), Marlette-Hobart System, CC Fire Dept., CC Planning Department. RCI will follow up with them.

##### 2. Review and Discuss CSWP Plan Main Body Updates

###### *Review CSWP Plan Update Outline*

The 2014 CSWP Plan Update Outline was discussed with the Team, including:

- Update Planning Team,
- Update Water Source Inventory,
- Reference recent City-wide plans, relevant to Source Water Protection, in the Carson City CSWP Plan, and
- Update the Action Plan.

### *Planning Team Update*

The Team reviewed the current *Organizations* Table in the 2014 Executive Summary. The Team was encouraged to use OneDrive and update their contact list to reflect the most current contact and phone number for each participating organization.

### *Water Source Update*

The Team reviewed completed and ongoing updates to the water sources and water systems in the CSWP Plan.

- Carson City Public Works, Carson City GIS, and RCI will schedule a separate meeting to discuss revising the CSWP Plan maps and future organization of geospatial data, and
- The Team agreed with the State of Nevada to leave the Source Water Protection Area (SWPA) around Well 6, as it is still a conduit to groundwater.

The Team agreed that RCI would continue to work with the WTNC regarding the CSWP Plan update, and potentially add the following to the CSWP Plan update:

- Link to the WTNC Wellhead Protection Plan,
- Add WTNC's SWPAs, if any, to the Carson City Maps,
- Include a water system description in the Main Body of the 2023 CSWP Plan, and
- Work on adding the communication between Carson City and the WTNC public water systems to the Draft Action Plan update.

## **3. Review and Discuss CSWP Action Plan Updates**

The Team reviewed the benefits of the Action Plan, Appendix E of the 2014 CSWP Plan. (Note: To be eligible for ISWPP technical assistance with implementation, projects need to be included in the Action Plan.) The Team agreed in Team Meeting 1 that highlighting source water protection achievements since 2014 was important for the update. The following format was discussed to highlight source water protection achievements:

- Separate tables, titled *Community Source Water Protection Plan Implementation*, outlining source water protection achievements, organized by Action Project and Management Strategy, for both Carson City and the State of Nevada,
- Add a Management Strategy for the Quill Water Treatment Plant Watershed Control Plan (Quill WCP). The Watershed 1 and Watershed 2 SWPAs encompass the Quill WCP Areas of Influence, and all Quill WCP Action Projects contribute to source water protection,
- Add completed projects from the Quill WCP into the *Community Source Water Protection Plan Implementation* Tables, and
- Keep the 2014 Action Plan Tables for each water system.

The Team agreed to review and edit the updated Action Plan. Examples of updates discussed during the meeting include:

- Updating Achievement 2.1 to include the completed vs. currently pursuing percentages of the Southeast Sewer extension project,

- Adding a new Action Project to the Domestic Septic Tank Program Strategy which indicates that Carson City will continue to evaluate new areas which may need septic to sewer conversion in the future,
- Updating accomplishments to include LID and new Drainage Manual effective July 2021, in which CWSD was involved.

RCI will reach out to CWSD and Public Works - Stormwater Division, to discuss additional stormwater achievements and source water protection updates.

### *Public Education and Outreach*

The Team discussed possible future education and outreach activities to promote source water protection within the community. Carson City – Community Relations, informed the Team that information about the source water protection project is not easily accessible for the community. Several new ideas about public education and outreach were discussed, including:

- Developing a source water protection coaster (or koozie) with a QR code that could reference a website for local breweries,
- Work with River Wranglers and CWSD in upcoming STEM nights,
- Expand source water education to small businesses,
- Promotional nights, where breweries donate a small amount for every beer purchased,
- Work with local libraries on source water protection interactive activities, and
- Add NvRWA as an education resource.

RCI agreed to send Carson City – Community Relations, examples of education and outreach activities which have been completed since 2014.

## **4. Discuss CSWP Plan Update Format**

The following timeline was proposed:

- RCI to submit Draft Documents OneDrive for Team review by April 12, 2023,
- Team edits back to RCI by May 3, 2023,
- RCI to have final draft ready by May 17, 2023,
- Next Meeting May 17, 2023, to review the final draft and discuss City Council presentation.

### **Next Steps**

**Next Team Meeting:** Wednesday May 17, 2023, from 10:00AM – 11:30AM (Pacific)

#### **Team**

- Open Space, Stormwater, Fire Department to provide follow up information to RCI.
- CC Community relations will explore additional education ideas/efforts. See <https://washoecountycleanwater.org/>
- Review documents as they become available on OneDrive and submit to RCI by May 3, 2023.

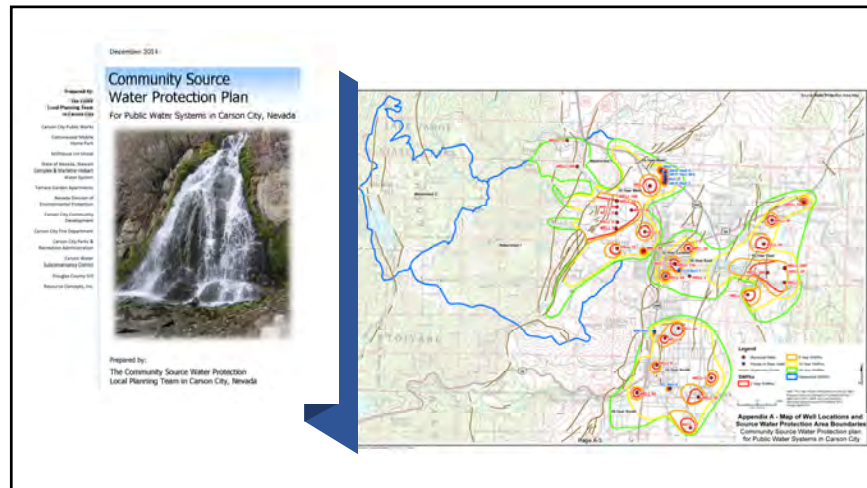


## RCI

- Meet with Carson City Public Works and GIS to update the source water GIS files and update water source maps for Team review,
- Work on Implementation Plan and Action Plan updates, based on Team comments, for Team review by April 12, 2023,
- Draft updates to sections of the Main Body for Team review by April 12, 2023,
- Follow up with Carson City Open Space and Carson City Public Works – Stormwater Division, to bring the representatives up to date of CSWP Plan progress,
- Follow up with the WTNC.

## OneDrive

- Carson City CSWP Plan Update



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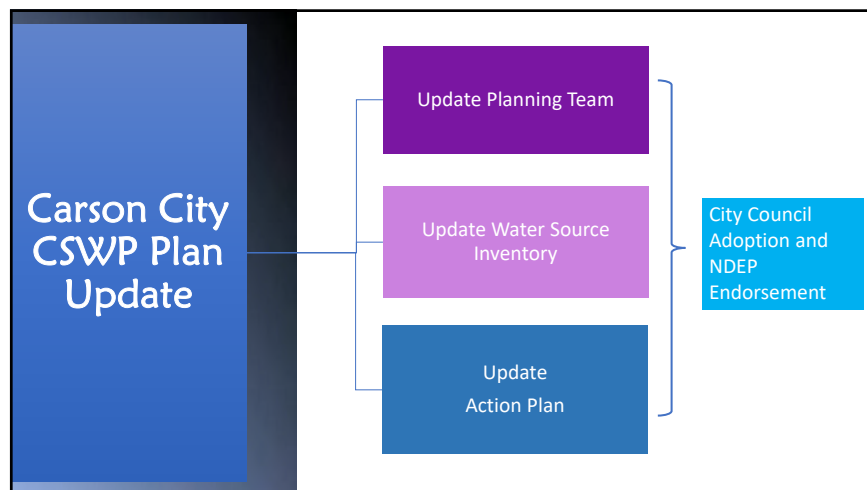
Update the Planning Team:

CSWP Plan Contact List Update

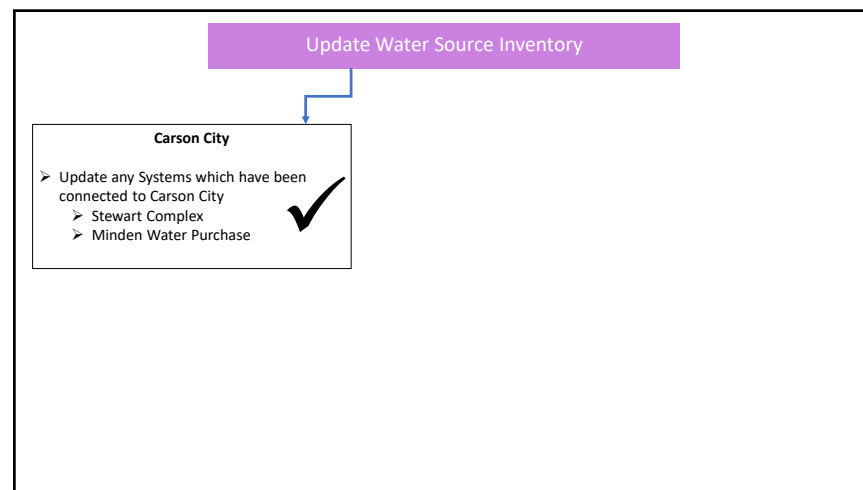
Organizations	Phone Numbers	Contact Information
<b>Public Water Systems</b>		
Carson City Public Works	775-887-2355	equaglieri@carson.org
Cottonwood Mobile Home Park	775-882-6028	Albert & Mary Fischer, Proprietors
Millhouse Inn Motel	775-882-2715	Marie Etchemendy, Proprietor
State of Nevada, Marlette-Hobart Water System	775-687-1022	bgudmundson@admin.nv.gov
Terrace Garden Apartments	775-720-7357	skertv@bzglobal.net
<b>Nevada Division of Environmental Protection</b>		
Bureau of Safe Drinking Water	775-687-9311	e.mason@ndep.nv.gov
<b>Planning and Technical Resources</b>		
Carson City Community Development	775-283-7922	hsullivan@carson.org
Carson City Community Relations	775-283-7011	jalanoa@carson.org
Carson City Deputy Emergency Manager	775-283-7668	jdane@carson.org
Carson City Parks & Recreation Administration	775-283-7341	lboyer@carson.org
Carson Water Subconservancy District	775-887-7456	edjames@cwisd.org
Carson City GIS	775-283-7392	tjesse@carson.org
Resource Concepts, Inc.	775-883-1600	jill@rci-nv.com alison@rci-nv.com pete@rci-nv.com

RCI sent out two Tables to the TEAM

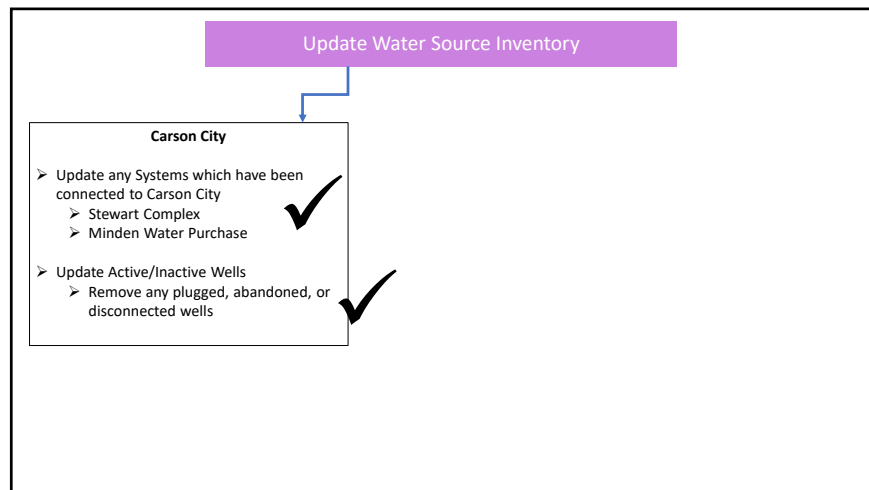
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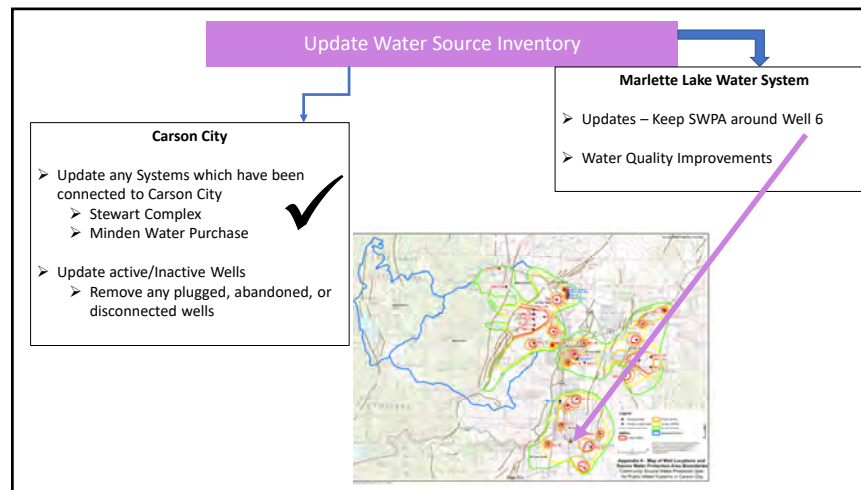
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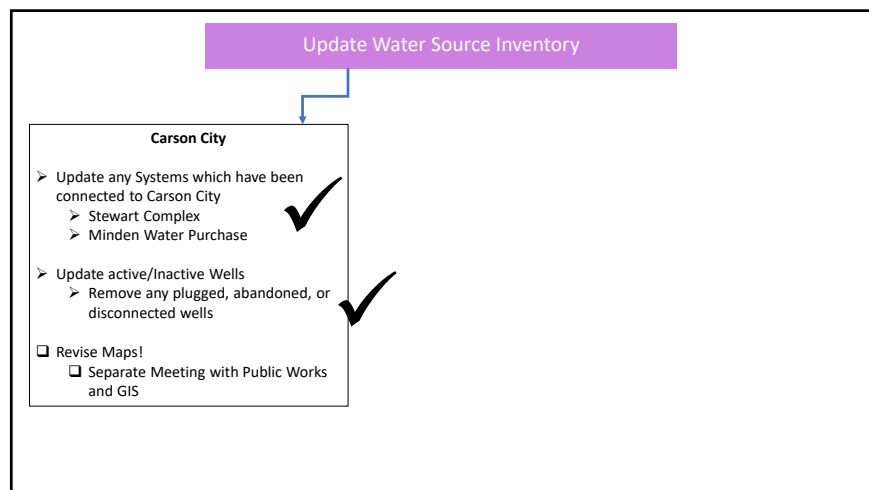
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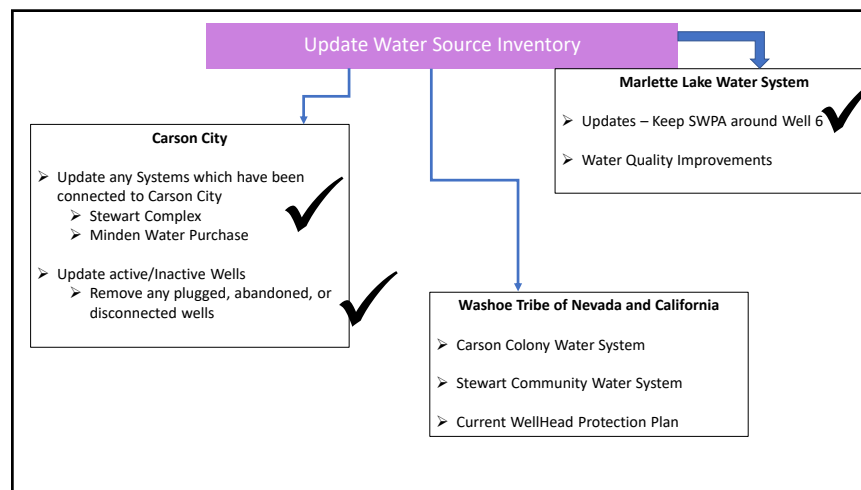
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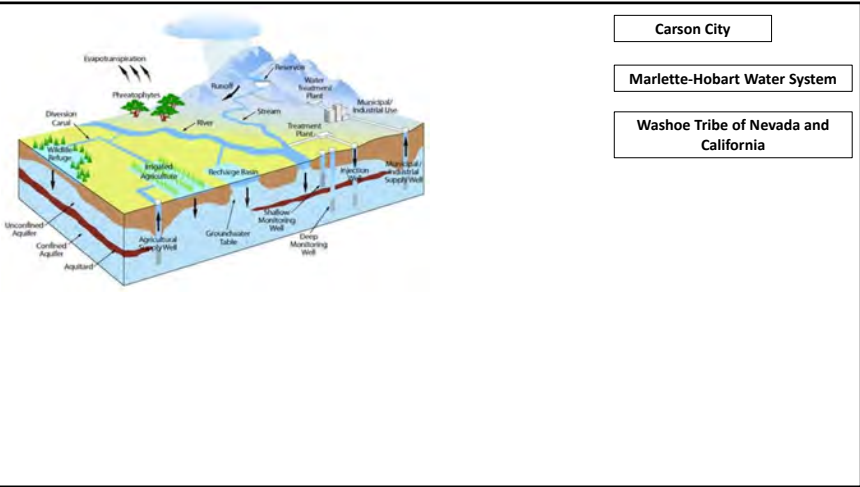
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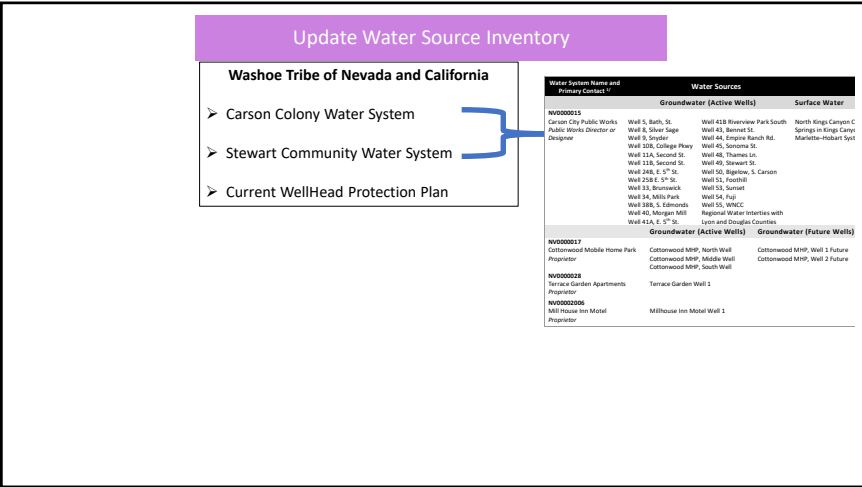
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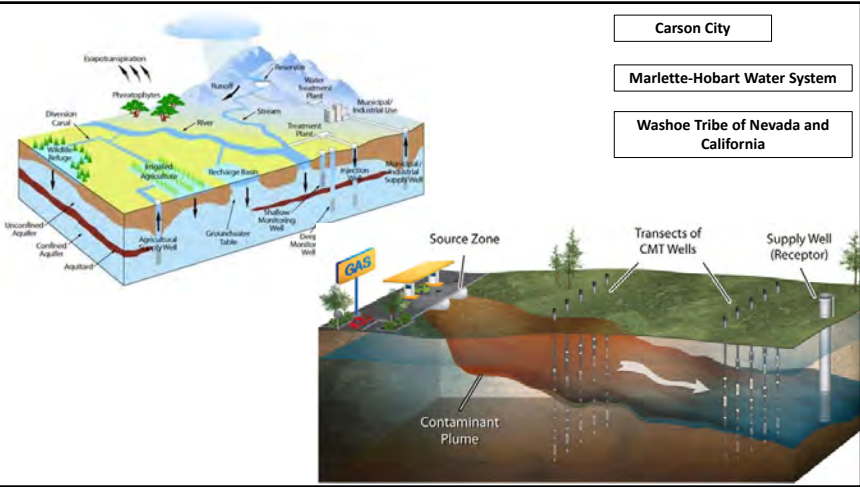
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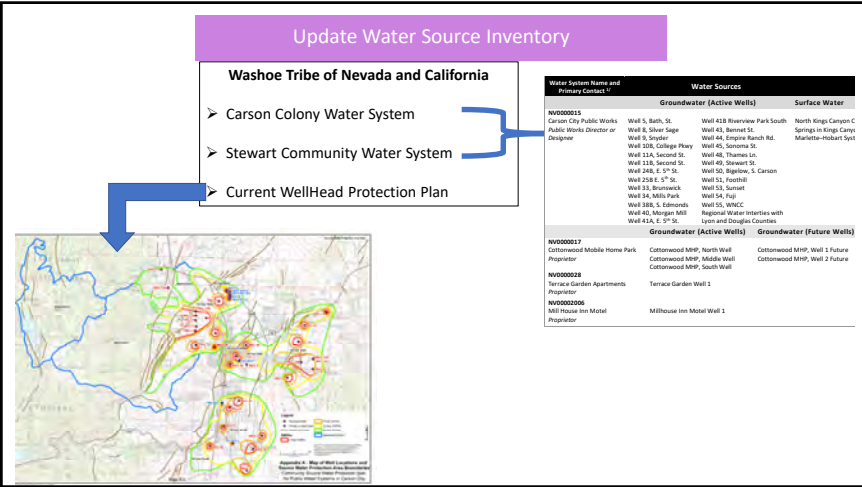
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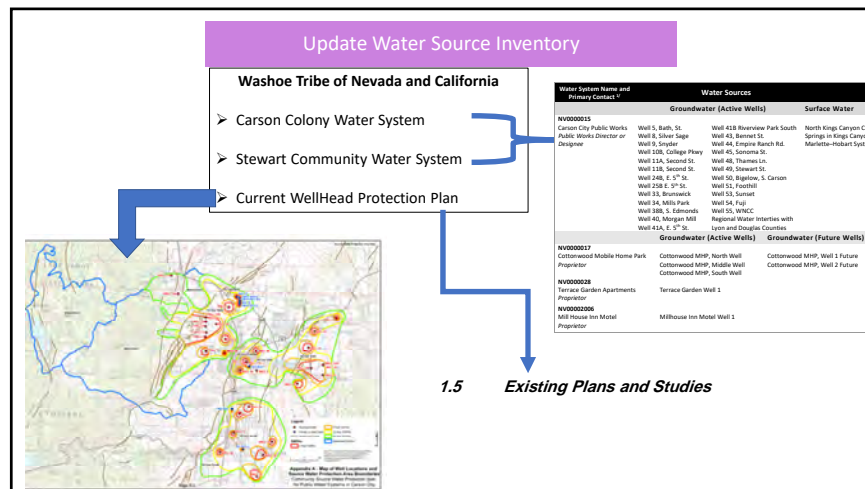
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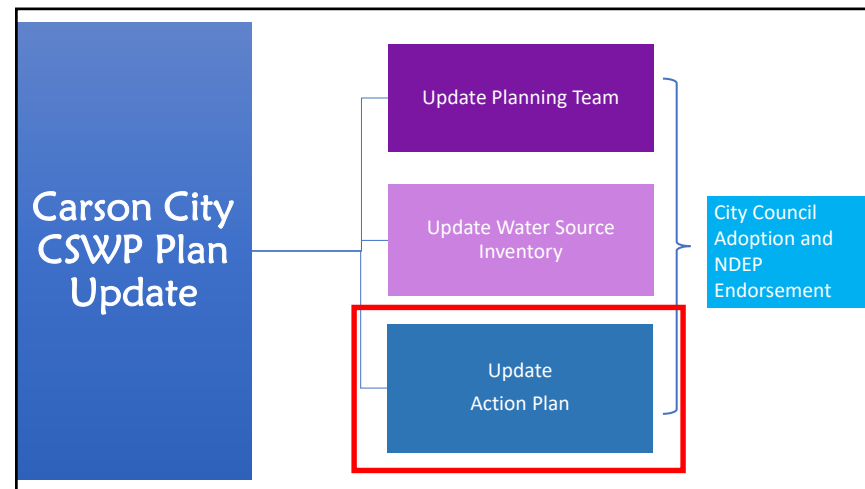
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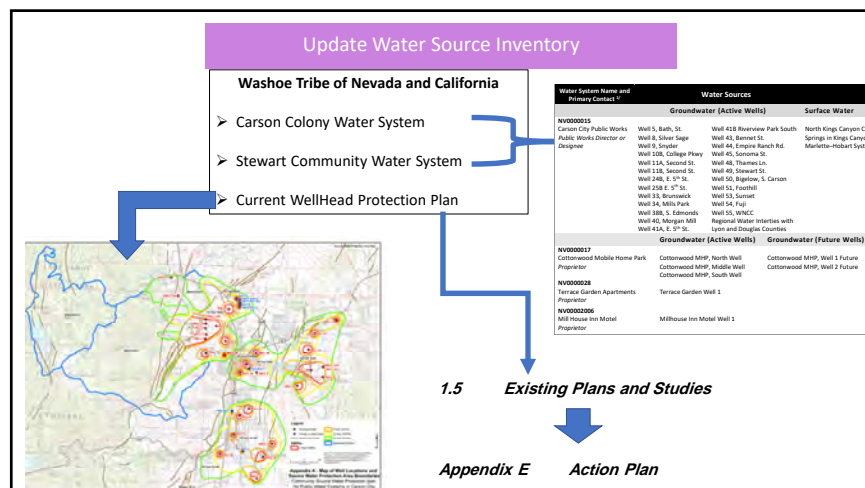
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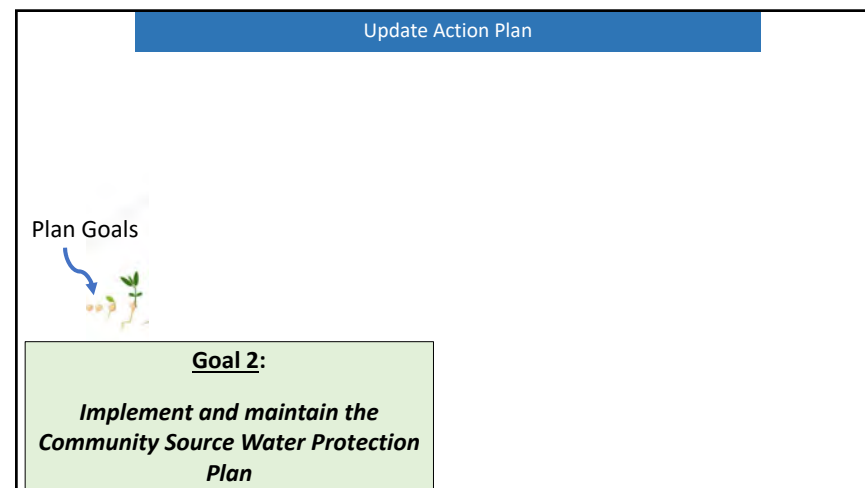
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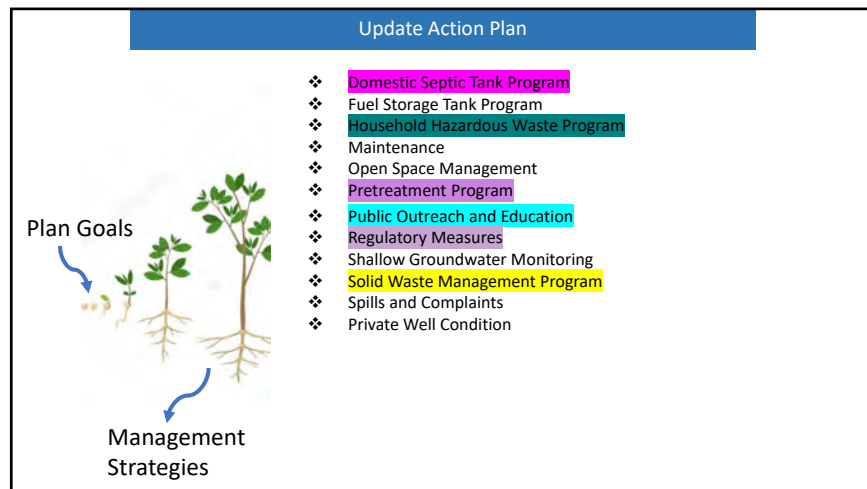
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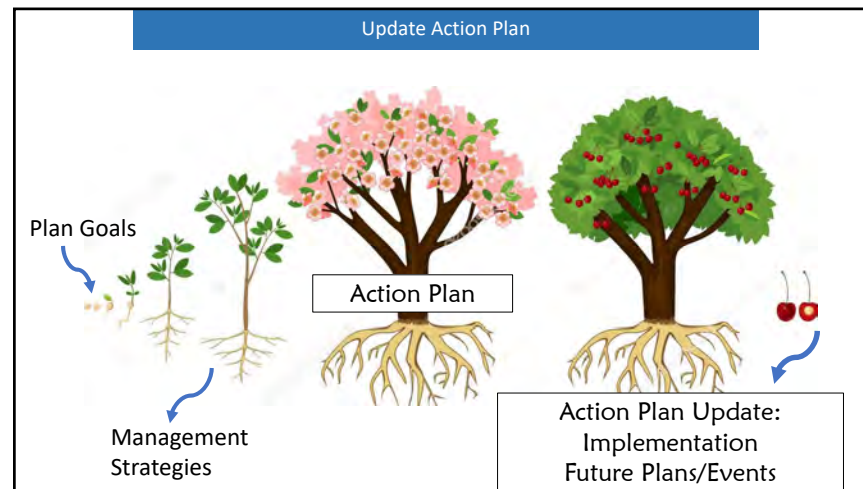
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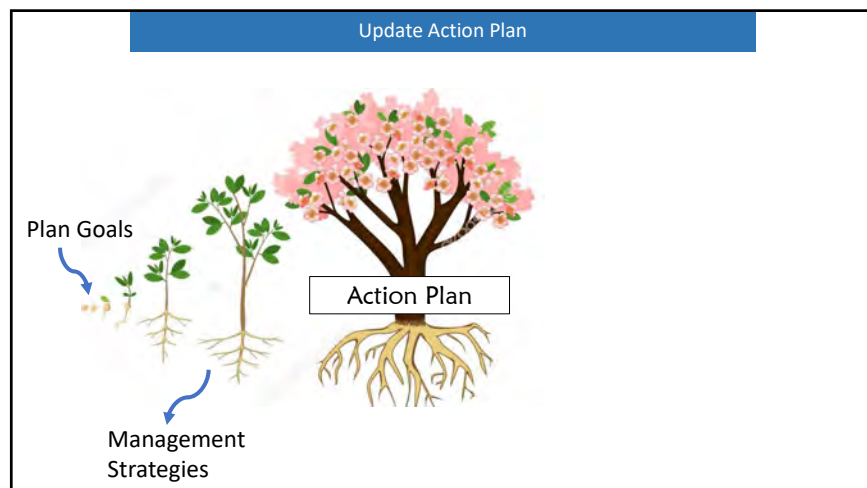
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**Update Action Plan:**  
Highlight YOUR Source Water Protection Achievements!  
What else are YOU hoping to accomplish?

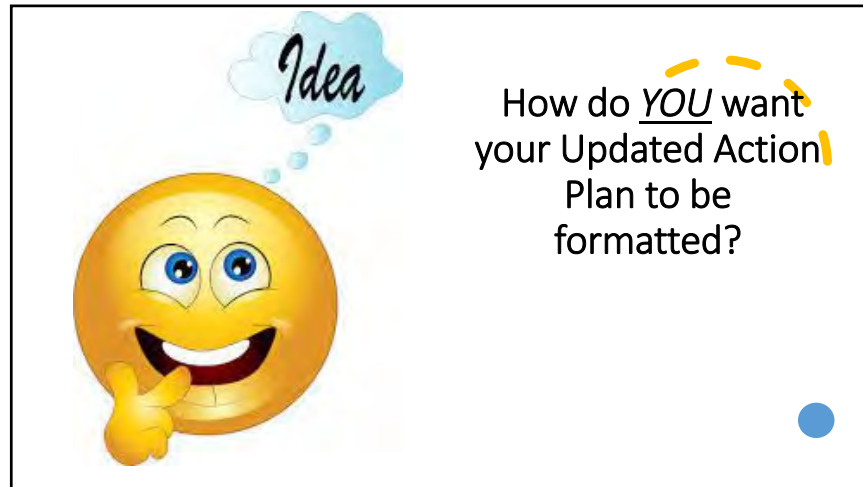
Any measure of a successful society is in some way related to access to safe water.

Delivering Safe Drinking Water

HAVE A QUESTION ABOUT WATER? We have answers.

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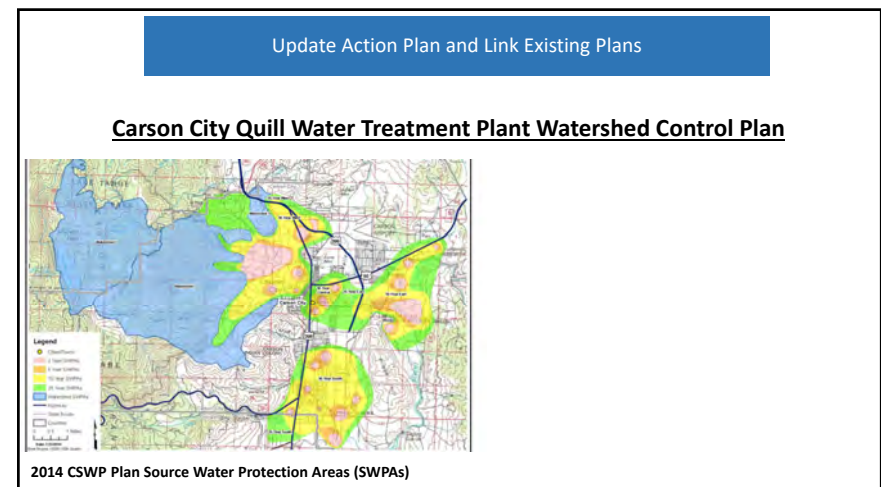
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Carson City Community Source Water Protection Plan Implementation					
Carson City Public Works – Water Division					
	Management Strategy	Action Description	Achievements	Implemented	Implementing Department and Area(s)
2.1	Domestic Septic Tank Program	Maintain the existing program and continue to work toward completing mandatory connections in the New Empire and Southeast Carson City areas.	Carson City has completed mandatory sewer connections in the New Empire Area and is currently pursuing a Southeast sewer conversion project. Additional information can be found on the Carson City Public Works sewer extension project <a href="#">website</a> .	✓	Public Works County-Wide 2-Yr SWPA 5-Yr SWPA
6.1	Open Space Management	Identify facilities or best management practices to protect runoff and recharge water quality.	Facility identification is an informal practice that is incorporated into regular Open Space management activities. Each property is evaluated by maintenance and natural resource staff to identify runoff issues and mitigation options. Through experience of the conditions of the properties that Open Space manages, Open Space is aware of potential areas of concern for erosion and runoff.	✓	Open Space, Public Works & State Hobart/Mariette System 25-Yr SWPA Watershed/Recharge
8.1	Public Outreach and Education	The first Annual Carson City Source Water Assessment Day was held at the Kings Canyon Trailhead on September 10 <sup>th</sup> , 2022. Participating organizations included River Wranglers, Muscle Powered, Carson Valley Trails Association, and the ISWPP.	Carson City Public Works has plans to continue and expand the Annual Source Water Assessment Day. For example, Carson City Public Works will coordinate with the previous organizations and expand education about source water protection to the Westside Creeks water sources and the Mariette Lake-Hobart Water System.	✓	Public Works, Open Space, & Carson Water Subconservancy District County-Wide

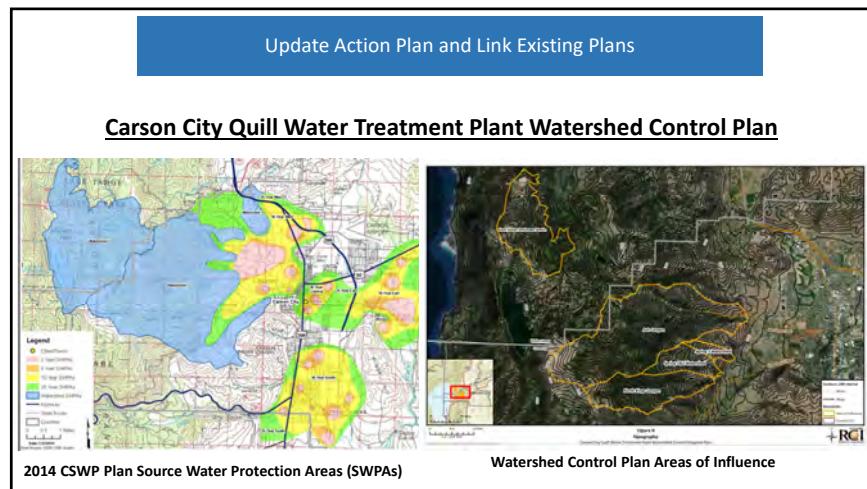
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Carson City Source Water Protection Action Plan									
Carson City Source Water Protection Action Plan		Applicable Area							
Management Strategy	Action Description	Priority	County Wide	2-Yr SWPA	5-Yr SWPA	10-Yr SWPA	25-Yr SWPA	Watershed/Recharge	Other
Coordination and Planning	Consider conducting a source water protection needs assessment in collaboration with landowners.	High						X	
Coordination and Planning	Consider designating the land use "public conservation" to protect water quality.	Medium						X	
Coordination and Planning	Consider direct coordination with State Parks for protection of surface water quality in the Mariette-Hobart water system.	Medium						X	
Coordination and Planning	Consider an agreement between Carson City and the State of Nevada to clarify roles and responsibilities regarding the Mariette-Hobart water system.	Medium	X					X	
Coordination and Planning	Consider an annual interdepartmental CSWP Plan status update including assigning roles and responsibilities in coordination with other meetings or trainings (Planning, Health and Human Services, Public Works (environmental control, water stormwater, Fire Department, Open Space).	High	X						
Coordination and Planning	Consider annual updates and maintenance of the CSWP <a href="#">FlexViewer</a> digital files	High	X						
Domestic Septic Tank Program	Maintain the existing program and continue to work toward completing mandatory connections in the New Empire and Southeast Carson City areas.	High		X	X	X	X		

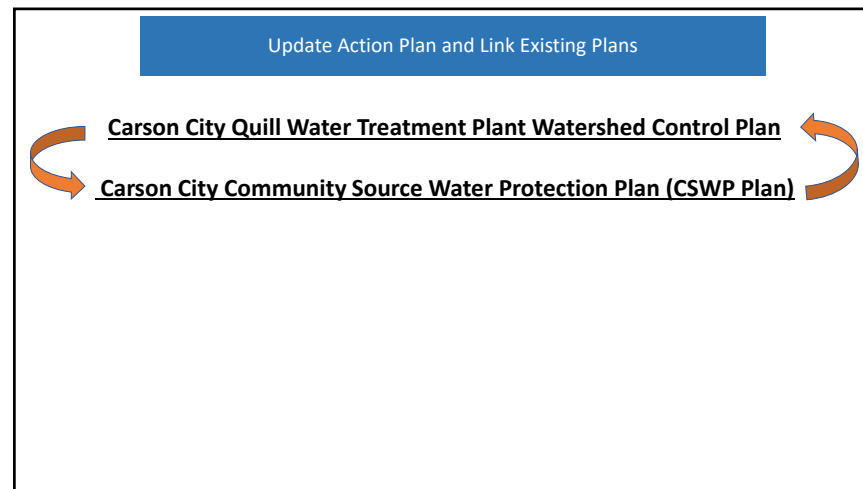
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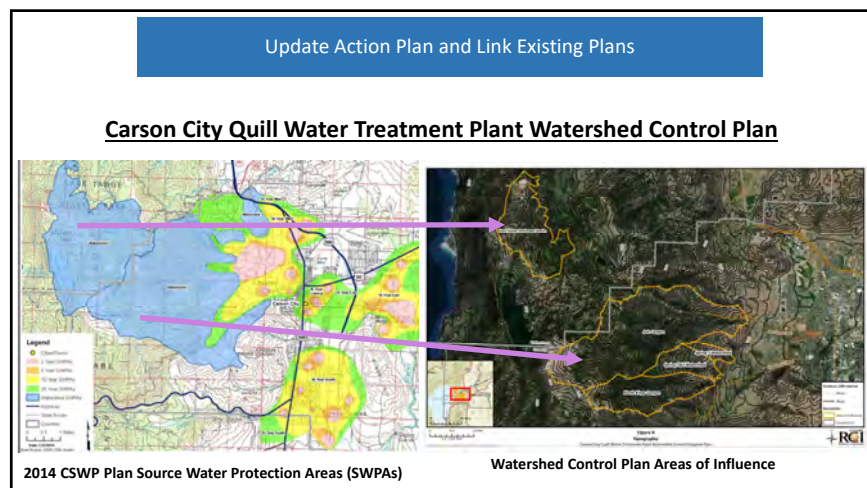
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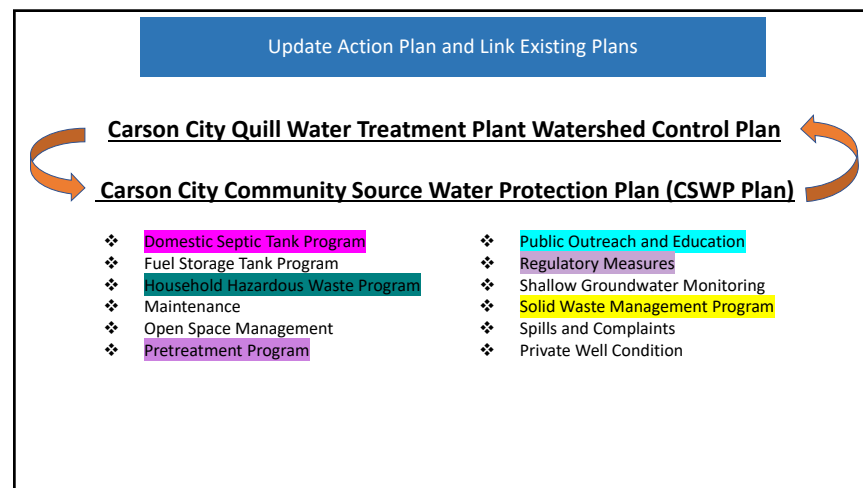
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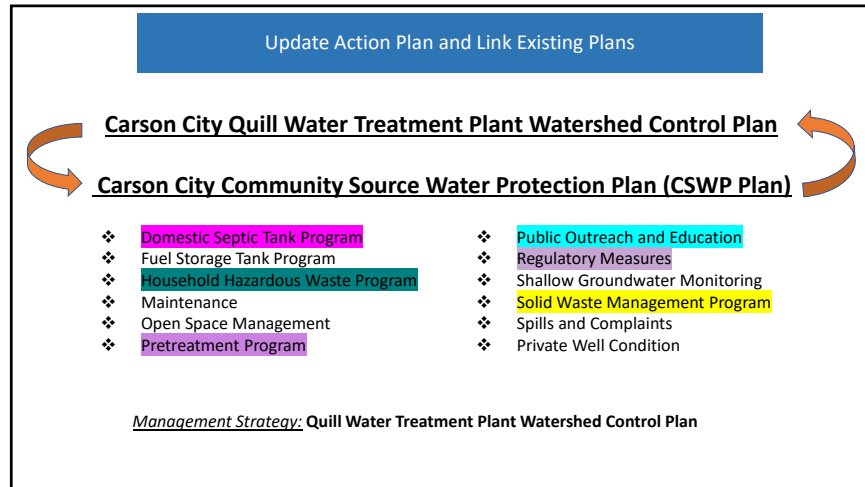


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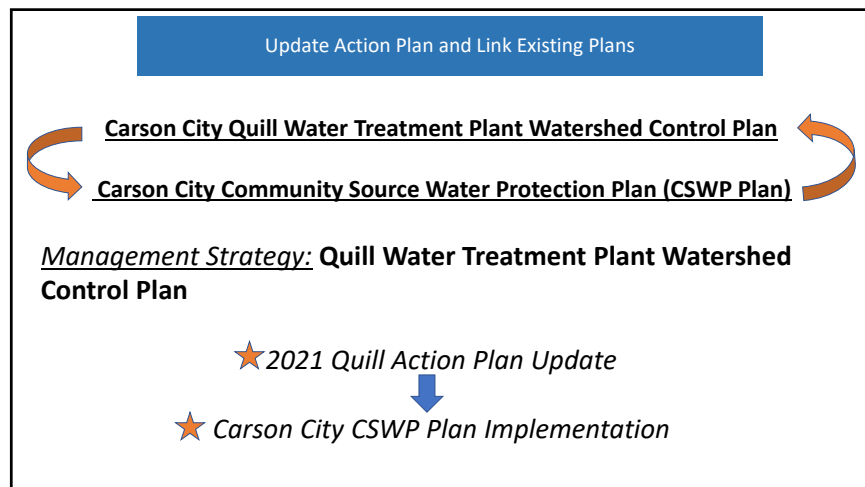




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Carson City Community Source Water Protection Plan Implementation					
Carson City Public Works – Water Division					
	Management Strategy	Action Description	Achievements	Implemented	Implementing Department and Area(s)
13.2	Quill Water Treatment Plant Watershed Control Plan	Continue to control access within the Areas of Influence.	North kings Canyon Road is closed to motorized access, and Ash Canyon Road was seasonally closed for the 2021/2022 winter. Trails are in good condition and maintenance is ongoing.	✓	Public Works & Open Space Watershed 1 SWPA Watershed 2 SWPA
13.3	Quill Water Treatment Plant Watershed Control Plan	Maintain Ash Canyon Road.	Carson City Open Space conducted road maintenance on Ash Canyon Road prior to opening the road to vehicles in Summer 2022. <b>For example,</b> Annual maintenance will continue into the foreseeable future.	✓	Public Works & Open Space Watershed 1 SWPA Watershed 2 SWPA
13.4	Quill Water Treatment Plant Watershed Control Plan	Prioritize stabilization in the Area of Influence.	Collaboration between Muscle Powered and Carson City Open Space resulted in trail and road stabilization within the Areas of Influence. Stabilization practices are ongoing as erosion and sedimentation issues arise.	✓	Open Space & Muscle Powered Watershed 1 SWPA Watershed 2 SWPA

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Carson City Community Source Water Protection Plan Implementation					
Carson City Public Works – Water Division					
	Management Strategy	Action Description	Achievements	Implemented	Implementing Department and Area(s)
State of Nevada Community Source Water Protection Plan Implementation					
Marlette-Hobart Water System					
	Management Strategy	Action Description	Achievements	Implemented	Key Implementing Department or Group <sup>12</sup>

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Carson City Community Source Water Protection Plan Implementation									
Management Strategy	Action Description	Applicable Area	Priority	County Wide	2-Yr SWPA	5-Yr SWPA	10-Yr SWPA	25-Yr SWPA	Watershed/Recharge
									Other
Carson City Source Water Protection Action Plan <sup>1</sup>									
Carson City Public Works – Water Division									
Management Strategy	Action Description	Applicable Area	Priority	County Wide	2-Yr SWPA	5-Yr SWPA	10-Yr SWPA	25-Yr SWPA	Watershed/Recharge
									Other
State of Nevada Action Plan <sup>1</sup>									
Marlette-Hobart Water System									
Management Strategy	Action Description	Applicable Area	Priority	County Wide	2-Yr SWPA	5-Yr SWPA	10-Yr SWPA	25-Yr SWPA	Watershed/Recharge
									Other
Cottonwood Mobile Home Park Wellhead Protection Plan									
Action Summary <sup>1</sup>									
Cottonwood Mobile Home Park Wellhead Protection Plan Action Summary					Source of Actions <sup>1, 12</sup>				
Management Strategy	Action Description				Cotton wood MHP Comments	WHP Plan – Existing PCSs	WHP Plan – Future PCSs		

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Carson City Source Water Protection Action Plan <sup>1</sup>									
Carson City Public Works – Water Division			Applicable Area						
Management Strategy	Action Description	Priority	County Wide	2-Yr SWPA	5-Yr SWPA	10-Yr SWPA	25-Yr SWPA	Watershed/Recharge	Other
3.1	Fuel Storage Tank Program	Medium	X						Public Works & Fire Department
12.1	Spills and Complaints	High	X				X		Public Works – Fire Department?
	Regulatory Measures	Medium		X					Public Works

39

Carson City Source Water Protection Action Plan <sup>1</sup>									
Carson City Public Works – Water Division			Applicable Area						
Management Strategy	Action Description	Priority	County Wide	2-Yr SWPA	5-Yr SWPA	10-Yr SWPA	25-Yr SWPA	Watershed/Recharge	Other
3.1	Fuel Storage Tank Program	Medium	X						Public Works & Fire Department
12.1	Spills and Complaints	High	X				X		Public Works – Fire Department?

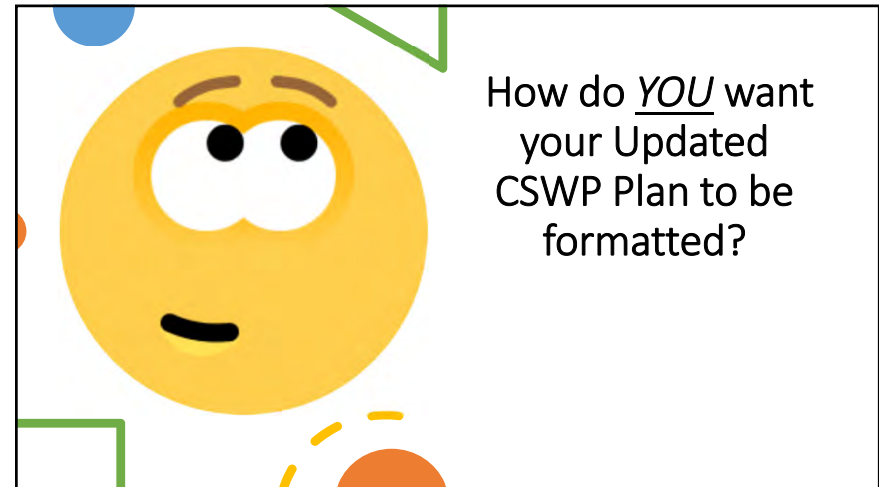
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Carson City Source Water Protection Action Plan <sup>1</sup>									
Carson City Public Works – Water Division			Applicable Area						
Management Strategy	Action Description	Priority	County Wide	2-Yr SWPA	5-Yr SWPA	10-Yr SWPA	25-Yr SWPA	Watershed/Recharge	Other
3.1	Fuel Storage Tank Program	Medium	X						Public Works & Fire Department
12.1	Spills and Complaints	High	X				X		Public Works – Fire Department?
	Regulatory Measures	Medium		X					Public Works
1.6	Coordination and Planning	High	X						Public Works, Planning, & Washoe Tribe of Nevada and California
1.9	Coordination and Planning	High	X						Public Works & Planning

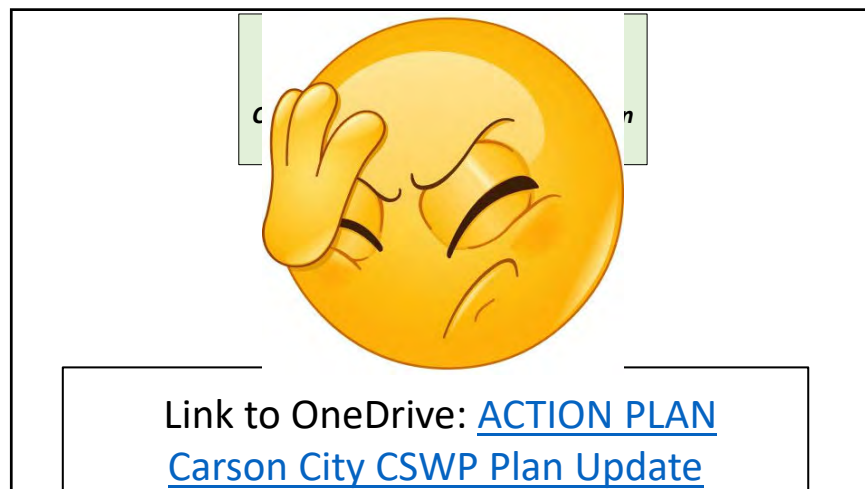
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Carson City Source Water Protection Action Plan <sup>1</sup>										
Carson City Public Works – Water Division			Applicable Area							
Management Strategy	Action Description	Priority	County Wide	2-yr SWPA	5-yr SWPA	10-yr SWPA	25-yr SWPA	Watershed/Recharge	Other	Key Implementing Department or Group
8.10	Public Outreach and Education	Coordinate with the school district about perpetuating a school curriculum as described in the Carson City CSWP Education Plan.	High	X						School District
8.12	Public Outreach and Education	Consider coordination with schools to participate in “water week” or “public works week” activities. <b>No time or staff</b>	High	X						School District, Public Works
10.1	Shallow Groundwater Monitoring	Consider conducting an assessment of future groundwater quality monitoring needs and the triggers for developing and implementing new groundwater monitoring plans. For example, consider coordinating a groundwater assessment with the Carson City Master Plan update. (2023)	Low	X						Public Works & Planning

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How do <u>YOU</u> want your Updated CSWP Plan to be formatted?	
<b><u>Acknowledgements</u></b>	<b><u>3.0 PLAN DEVELOPMENT</u></b>
<b><u>Executive Summary</u></b>	<b><u>3.1 Source Inventory and Planning</u></b>
<b><u>1.0 INTRODUCTION</u></b>	<b><u>3.2 Source Water Protection Areas and Delineation</u></b>
<b><u>1.1 Overview</u></b>	<b><u>3.3 Potential Contaminant Source Inventory</u></b>
<b><u>1.2 Background</u></b>	<b><u>3.4 Source Water Protection Management Strategies</u></b>
<b><u>1.3 Plan Purpose</u></b>	<b><u>3.5 Contingency Plan</u></b>
<b><u>1.4 Description of Planning Area and Source Water</u></b>	<b><u>3.6 New Well Siting and New Water Sources</u></b>
<b><u>1.5 Existing Plans and Studies</u></b>	<b><u>4.0 PLAN IMPLEMENTATION</u></b>
<b><u>2.0 TEAM FORMATION &amp; PROGRAM GOALS</u></b>	<b><u>4.1 Action Plan Implementation</u></b>
<b><u>2.1 Team Formation Summary</u></b>	<b><u>4.2 Potential Funding Opportunities</u></b>
<b><u>2.2 Local Planning Team Members and Roles</u></b>	<b><u>4.3 Updates</u></b>
<b><u>2.3 Source Water Protection Goals</u></b>	<b><u>5.0 PUBLIC PARTICIPATION</u></b>

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How do YOU want your Updated CSWP Plan to be formatted?

<b><u>Acknowledgements</u></b>	<b><u>3.0 PLAN DEVELOPMENT</u></b>
<b><u>Executive Summary</u></b>	<b><u>3.1 Source Inventory and Planning</u></b>
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<b><u>1.2 Background</u></b>	<b><u>3.4 Source Water Protection Management Strategies</u></b>
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<b><u>1.4 Description of Planning Area and Source Water</u></b>	<b><u>3.6 New Well Siting and New Water Sources</u></b>
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<b><u>2.2 Local Planning Team Members and Roles</u></b>	<b><u>4.3 Updates</u></b>
<b><u>2.3 Source Water Protection Goals</u></b>	<b><u>5.0 PUBLIC PARTICIPATION</u></b>

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How do YOU want your Updated CSWP Plan to be formatted?

APPENDICES (Separate pdf files)

Appendix A	Source Water Protection Area Map – Add in Washoe Tribe of California and Nevada if possible
Appendix B	Meeting & Public Participation Documentation
Appendix C	Capture Zone Delineation Summary Report/Report & Maps
Appendix D	Potential Contaminant Source Summary
Appendix E	Action Plans
Appendix F	Public Education and Outreach Information & Materials
Appendix G	Contingency Plans

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How do YOU want your Updated CSWP Plan to be formatted?

APPENDICES (Separate pdf files)

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Appendix B	Meeting & Public Participation Documentation
Appendix C	Capture Zone Delineation Summary Report/Report & Maps
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Appendix E	Action Plans
Appendix F	Public Education and Outreach Information & Materials
Appendix G	Contingency Plans

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How do YOU want your Updated CSWP Plan to be formatted?

Amendment Log:  
<https://washoecountycleanwater.org/>

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**How do YOU want your Updated CSWP Plan to be formatted?**

Amendment Log:  
<https://washoecountycleanwater.org/>

Online plan?  
CAN be added to the Action Plan for the future.....

49

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**How do YOU want your Updated CSWP Plan to be formatted?**

Amendment Log:  
<https://washoecountycleanwater.org/>

Online plan?  
CAN be added to the Action Plan for the future.....

Which amendments can be done by the Planning Team?  
Which amendments need to go in front of the Board for adoption again?

Presenting Source Water Protection Accomplishments to different boards:  
How does this fit in with the City's process?

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**NEXT STEPS.....**

- ❖ Documents on OneDrive for Review by April 12, 2023
- ❖ Edits back to RCI by May 3, 2023
- ❖ RCI have FINAL DRAFT ready May 17, 2023
- ❖ Next Meeting May 17, 2023: Discuss City Council Presentation

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## Meeting Notes

### Carson City Community Source Water Protection Plan Update Meeting

March 30, 2023

10:00AM-11:00AM (Pacific)

Virtual meeting on Teams

#### Attending

NAME	CONTACT INFORMATION		AFFILIATION
Jason Danen	775-283-7668	Jdanen@carson.org	Carson City – Deputy Emergency Manager
Kevin Nyberg	775-283-7668	Knyberg@carson.org	Carson City – Deputy Emergency Manager
Lindsay Boyer	775-283-7341	lboyer@carson.org	Carson City – Open Space Manager
Brianna Greenlaw	775-283-7083	Bgreenlaw@carson.org	Carson City – Stormwater Manager
Alison Cramer	775-883-1600	alison@rci-nv.com	Resource Concepts, Inc. (RCI)
Jill Sutherland	775-883-1600	jill@rci-nv.com	Resource Concepts, Inc. (RCI)

#### Purpose & Overview

The purpose of this meeting was to discuss the Carson City (CC) Community Source Water Protection Plan (CSWP Plan) update with members of the Local Planning Team (Team). Key updates include a water system description, references to current City-wide plans, and the Action Plan.

#### Discussion

##### 1. Welcome and Introductions

Attendance included: CC Open Space, CC Fire Dept., and CC Public Works – Stormwater Management.

##### 2. Review and Discuss CSWP Plan Main Body Updates

###### *Review CSWP Plan Update Outline*

The 2014 CSWP Plan Update Outline was discussed with the group, including:

- Update Planning Team,
- Update Water Source Inventory,
- Reference recent City-wide plans, relevant to Source Water Protection, in the Carson City CSWP Plan, and
- Update the Action Plan.

##### 3. Review and Discuss CSWP Action Plan Updates

The group reviewed the benefits of the Action Plan, Appendix E of the 2014 CSWP Plan. (Note: To be eligible for ISWPP technical assistance with implementation, projects need to be included in the Action Plan.) The Local Planning Team (Team) agreed in Team Meeting 1 that highlighting source water protection achievements since 2014 was important for the update. The group reviewed the Team approvals from Team Meeting 2, including:

- Add a Management Strategy for the Quill Water Treatment Plant Watershed Control Plan (Quill WCP). The Watershed 1 and Watershed 2 SWPAs encompass the Quill WCP Areas of Influence, and all Quill WCP Action Projects contribute to source water protection,
- Add completed projects from the Quill WCP into the *Community Source Water Protection Plan Implementation* Tables, and

Examples of Action Plan updates pertinent to each attendee's division during the meeting include:

- Enhance communication between local government departments to promote awareness about potential effects on water sources during emergency response and spill clean-up operations. For example, form a local working group to establish spill response notifications from dispatch in real time.
- Facilitate the exchange and maintenance of internal source water protection mapping updates with Carson City Fire Department. For example, a shared Environmental Systems Research Institute) (ESRI) viewer could include the most current SWPAs, well locations, and hazardous spill response locations,
- Expand communication with the Washoe Tribe of Nevada and California (WTNC) related to emergency response and spill clean-up operations to protect water quality, and
- Expand communication with the WTNC Emergency Manager and the Carson City Fire Chief regarding emergency and stormwater management that potentially protect water sources.

RCI has reached out to WTNC to discuss the CSWP Plan update.

Examples of additions to the Action Plan Implementation Tables include:

- Adoption of Low Impact Design (LID) standards, which were developed in the recent drainage manual update, has been *achieved*. Stormwater Management will submit draft language to RCI, and
- A spill response feedback loop exists between Environmental Control and Stormwater Management. Carson City Public Works will provide a draft sentence or two for RCI.

The group also discussed and agreed to review the recently updated Hazard Mitigation Plan for relevance to the CSWP Plan update.

#### 4. Discuss CSWP Plan Update Format

The timeline agreed upon in Team Meeting 2 was presented to the group, as follows:

- RCI to submit Draft Documents OneDrive for Team review by April 12, 2023,
- Team edits back to RCI by May 3, 2023,
- RCI to have final draft ready by May 17, 2023,
- Next Meeting May 17, 2023, to review the final draft and discuss City Council presentation.

#### Next Steps

**Next Team Meeting:** Wednesday May 17, 2023, from 10:00AM – 11:30AM (Pacific)

#### Group

- Stormwater Management - draft short description for the Action Implementation table showing source water protection achievements about the:




- Existing spill response “feedback loop” with Env. Control and stormwater program, and
  - How low impact design has been adopted/integrated into the stormwater program.
- Review documents as they become available on OneDrive and submit to RCI by May 3, 2023.

#### **RCI**

- Send Fire Department email to receive a copy of the updated Hazard Mitigation Plan, review the plan and identify plan elements which contribute to source water protection, and
- RCI to update the DRAFT Action Plan based off group discussions.

#### **OneDrive**


- Carson City CSWP Plan Update




<https://ndep.nv.gov/water/source-water-protection>

Bureau of Safe Drinking Water


- ISWPP Coordinator
- 775-687-9503
- [e.mason@ndep.nv.gov](mailto:e.mason@ndep.nv.gov)



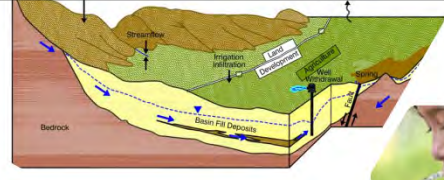

Presentation by



Contractor for the Nevada Integrated Source Water Protection Program (ISWPP)



1

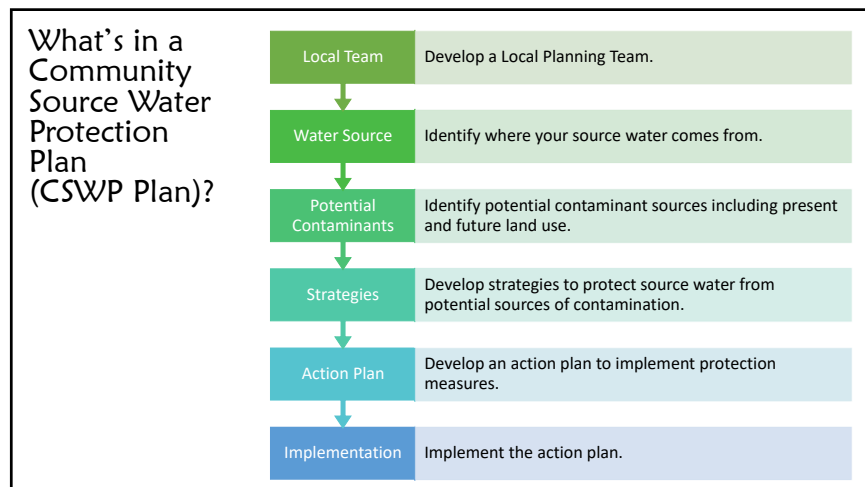



## What is the Integrated Source Water Protection Program?

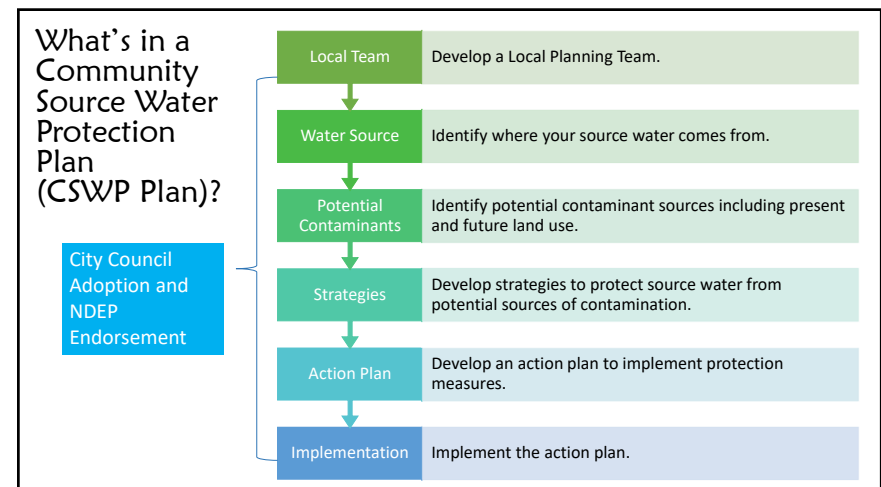
ISWPP is **voluntary** approach... to empower communities to develop and implement a local plan to protect their sources of drinking water

Your community protecting your drinking water.

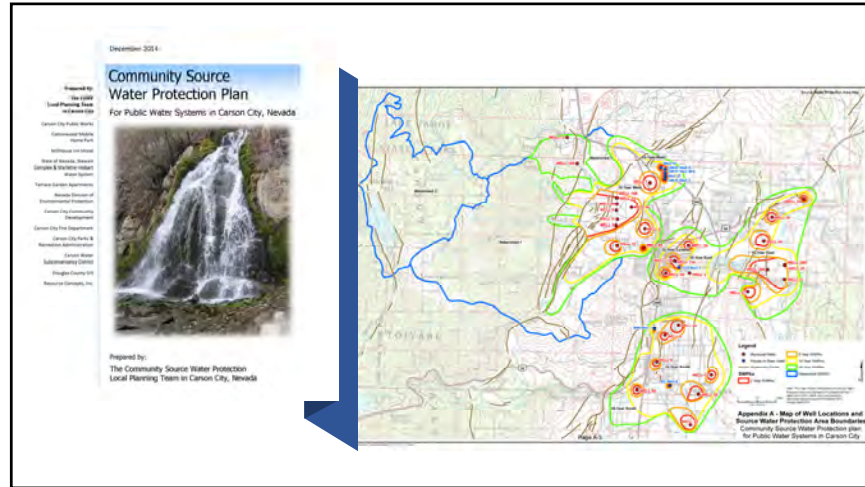
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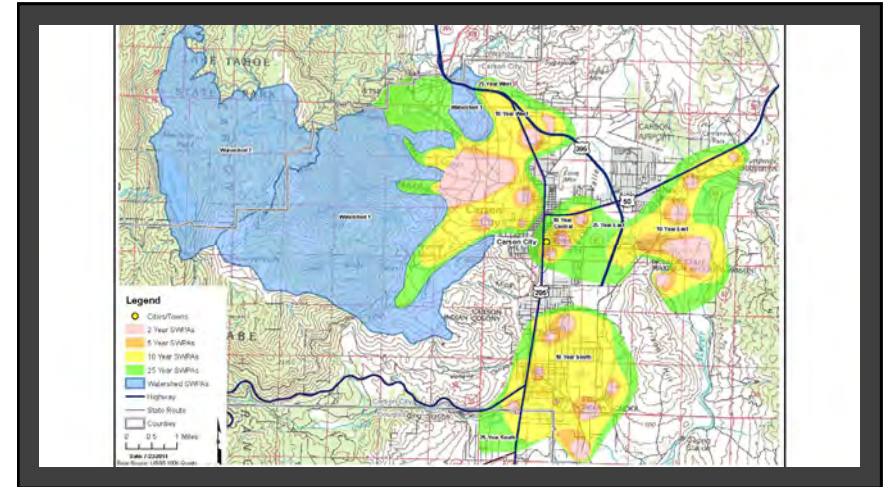
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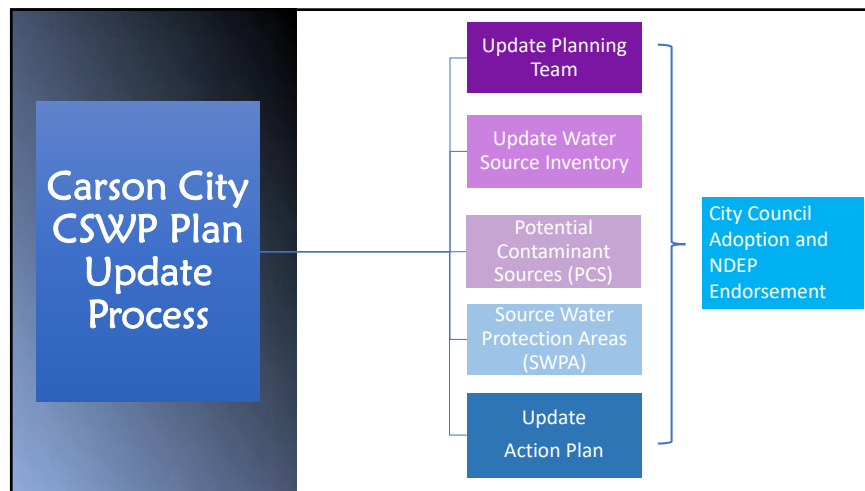
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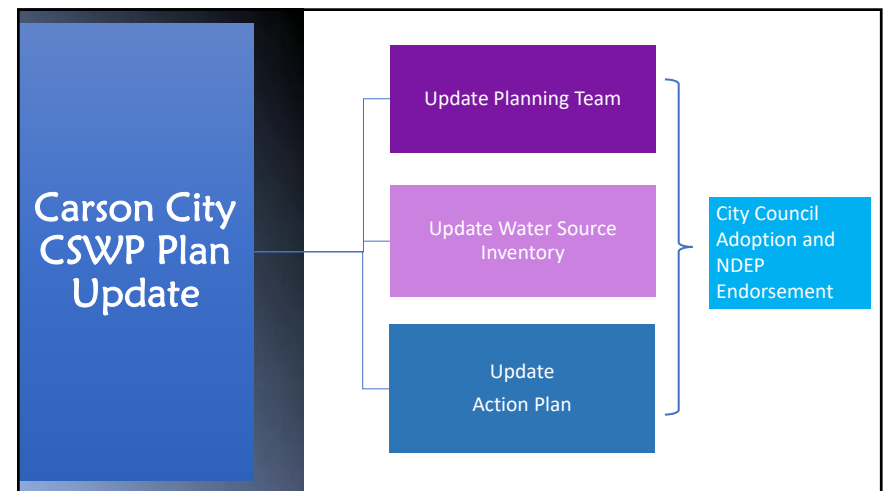
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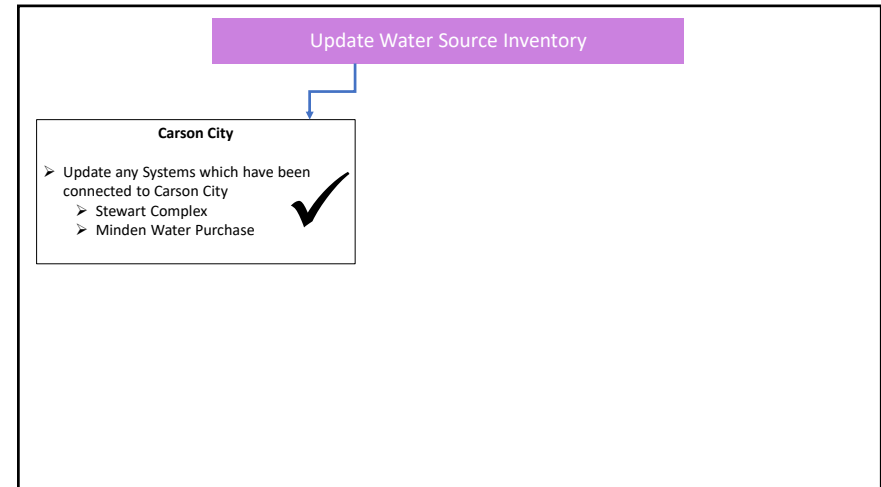
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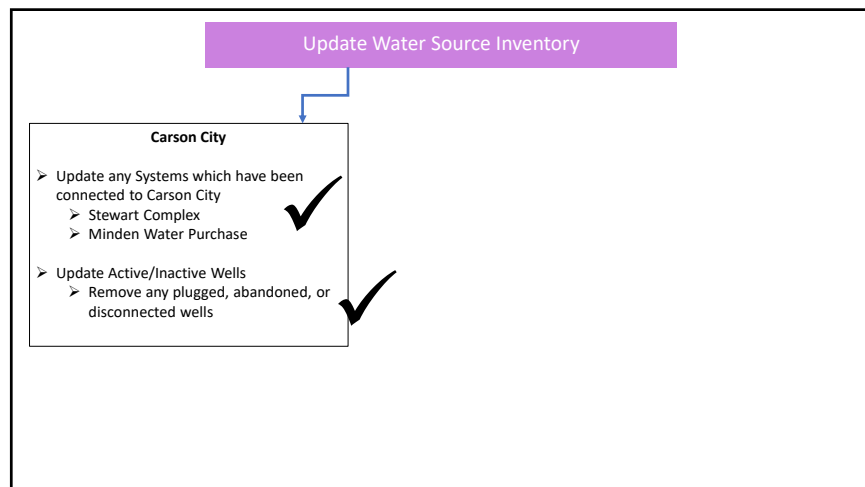
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Update the Planning Team:  CSWP Plan Contact List Update	Team Member	Contact Information	Planning Effort Responsibilities
	Carson City Community Relations <i>Community Relations Coordinator</i>		Coordination with local businesses
	Carson City Fire Department <i>Deputy Emergency Manager</i>	775-887-2210	Coordination with emergency response procedures and personnel training.
	Carson City GIS <i>GIS Specialist</i>		
	Carson City Parks & Open Space Department <i>Open Space Manager</i>	775-887-2262	Coordination for watershed protection.
	Carson City Planning Department <i>Director</i>	775-887-2180	Planning coordination and management strategy development.
	Carson City Public Works <i>Water Production Operator Water Utility Manager Environmental Control Foreman Stormwater Manager Wastewater Utility Manager</i>	775-887-2355	Provided details for operations, goals, and management strategy development.
	Carson Water Subconservancy District <i>General Manager</i>	775-887-7456	Coordination and context with other Carson River watershed communities.
	Marlette-Hobart Water System <i>State of Nevada Water Systems Manager</i>	775-687-1022	Coordination and details regarding the Marlette-Hobart Water System.
	Nevada Division of Environmental Protection, Bureau of Safe Drinking Water, ISWPP <i>Program Coordinator</i>	775-687-9503	Plan development guidance.
	Resource Concepts, Inc. <i>Technical staff</i>	775-883-1600	Plan coordination and technical assistance.

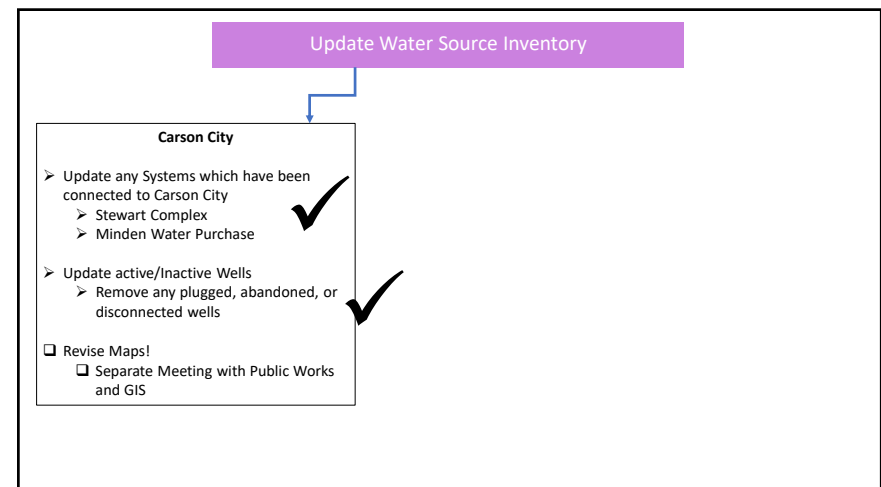
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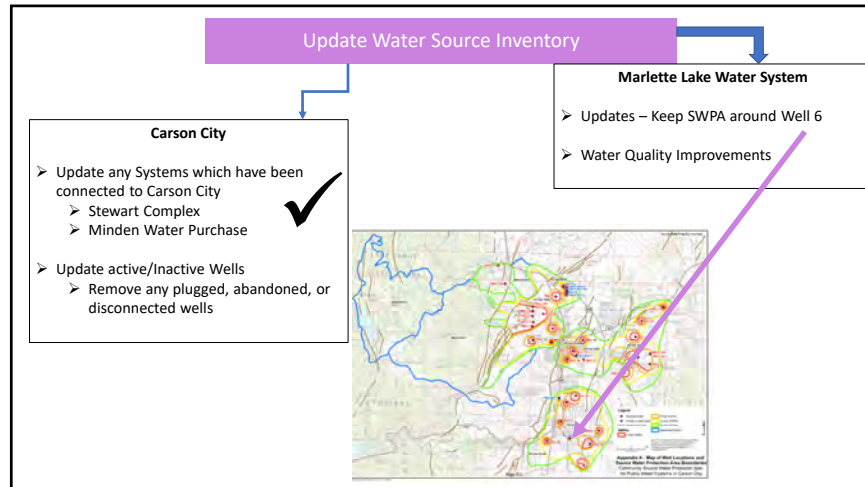
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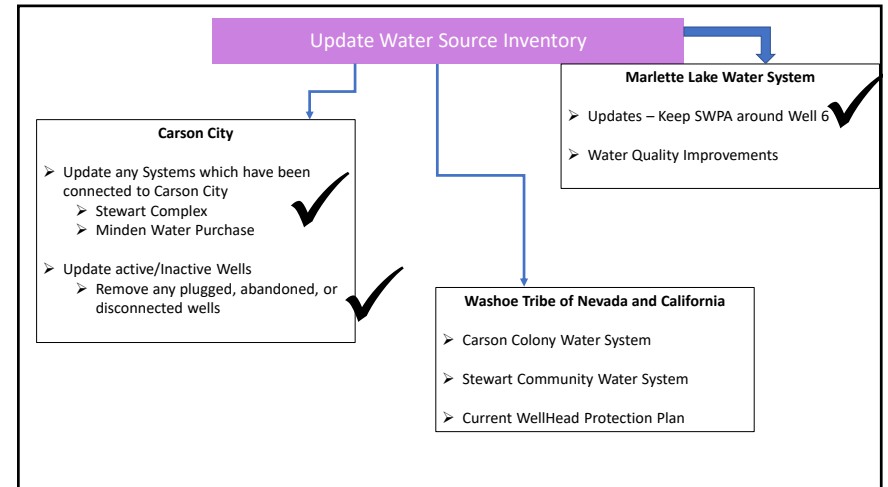
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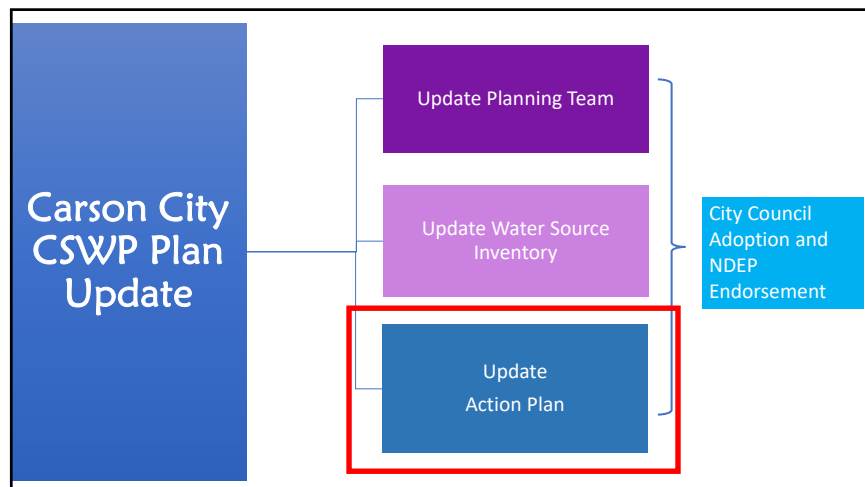
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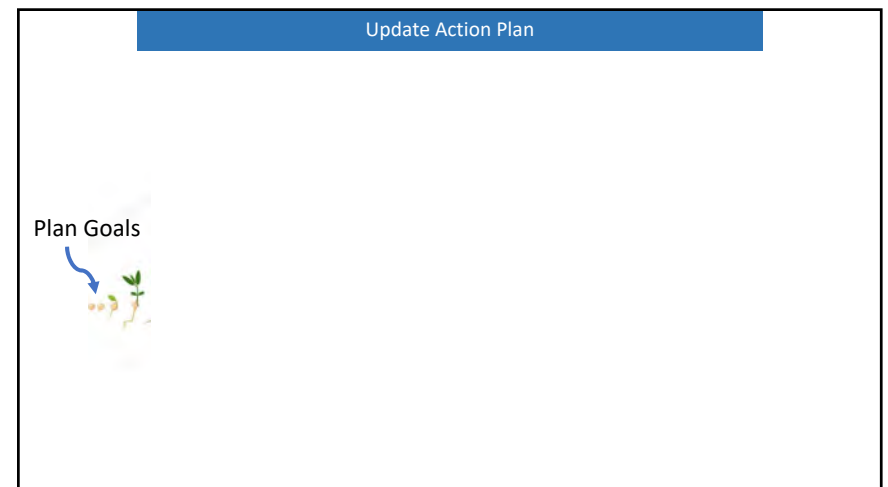
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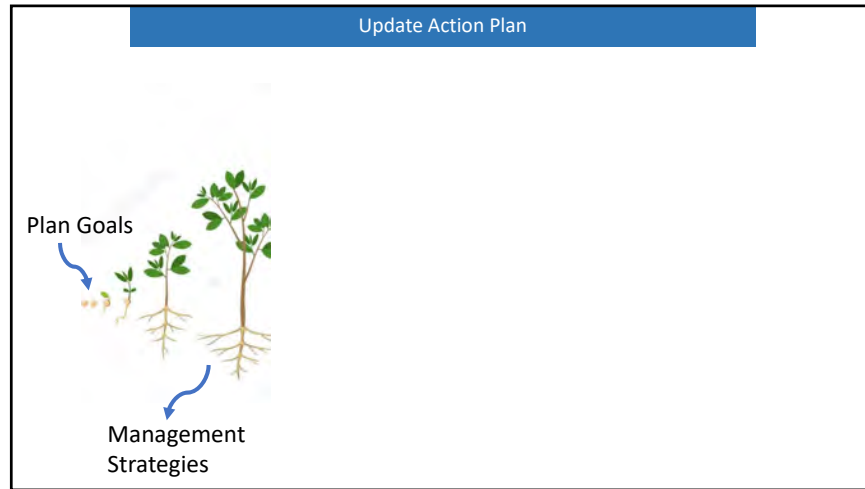
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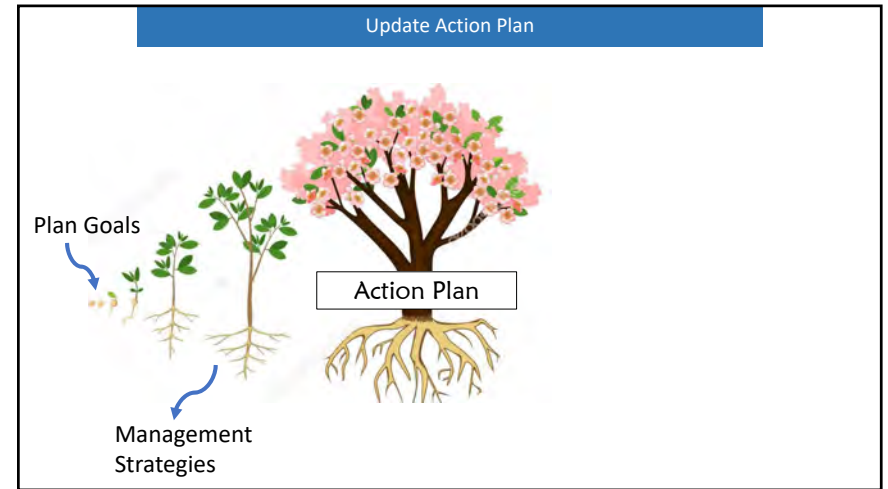
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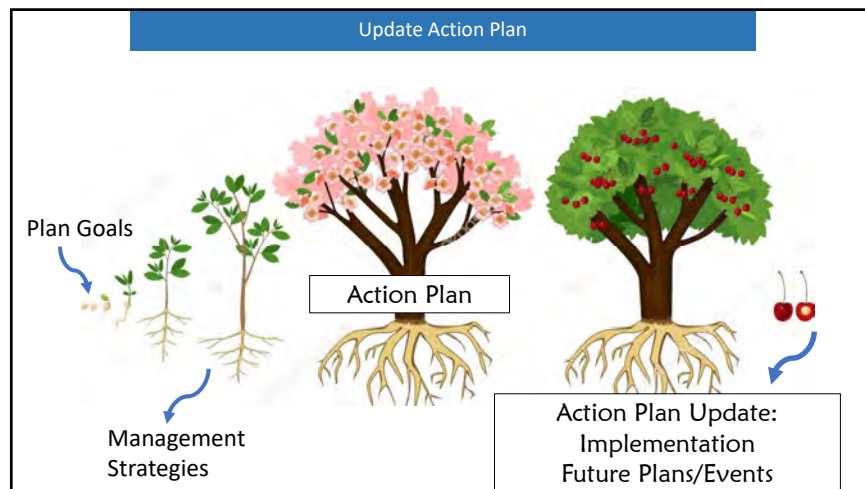
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## Carson City 2014 CSWP Plan Goals

### Goal 1:

✓✓ *Update the existing Wellhead Protection Program(s) into a readily accessible Community Source Water Protection (CSWP) Plan*

### Goal 2:

*Implement and maintain the Community Source Water Protection Plan*

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## Goal 2: Implement and maintain the CSWP Plan. 2014 Management Strategies

- ❖ Coordination and Planning
- ❖ Domestic Septic Tank Program
- ❖ Fuel Storage Tank Program
- ❖ Household Hazardous Waste Program
- ❖ Maintenance
- ❖ Open Space Management
- ❖ Pretreatment Program
- ❖ Public Outreach and Education
- ❖ Regulatory Measures
- ❖ Shallow Groundwater Monitoring
- ❖ Solid Waste Management Program
- ❖ Spills and Complaints
- ❖ Private Well Condition

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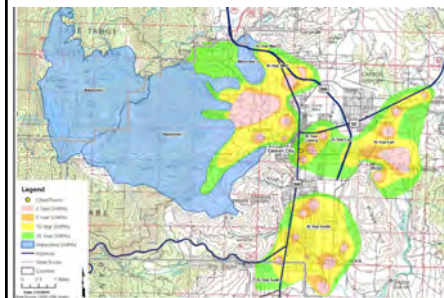
## 2023 Management Strategies

- ❖ Coordination and Planning
- ❖ Domestic Septic Tank Program
- ❖ Fuel Storage Tank Program
- ❖ Household Hazardous Waste Program
- ❖ Maintenance
- ❖ Open Space Management
- ❖ Pretreatment Program
- ❖ Public Outreach and Education
- ❖ Regulatory Measures
- ❖ Shallow Groundwater Monitoring
- ❖ Solid Waste Management Program
- ❖ Spills and Complaints
- ❖ Private Well Condition

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## Update Action Plan and Link Existing Plans

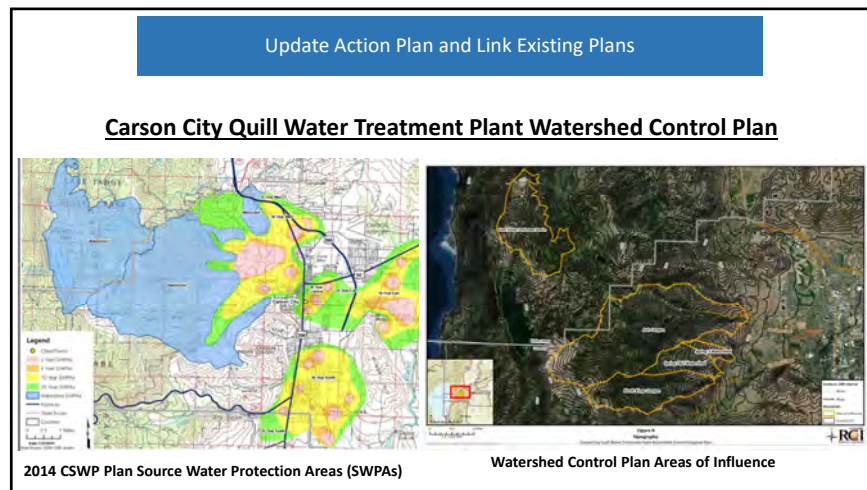
### Carson City Quill Water Treatment Plant Watershed Control Plan



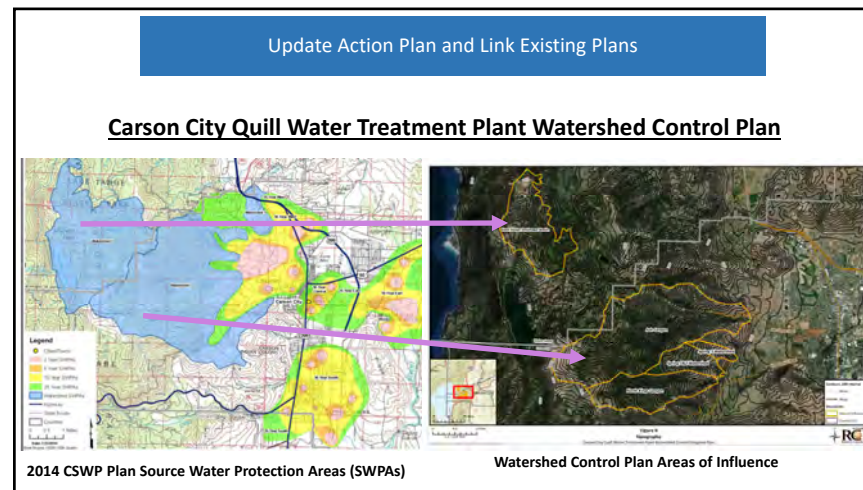
2014 CSWP Plan Source Water Protection Areas (SWPAs)

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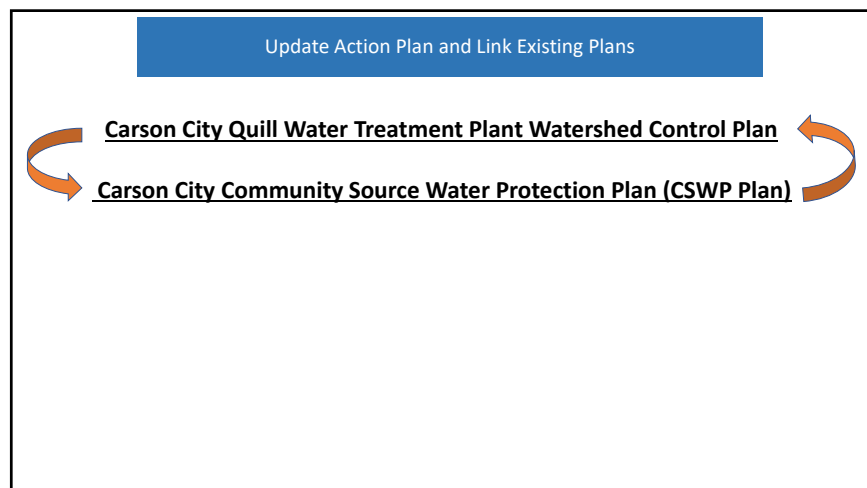




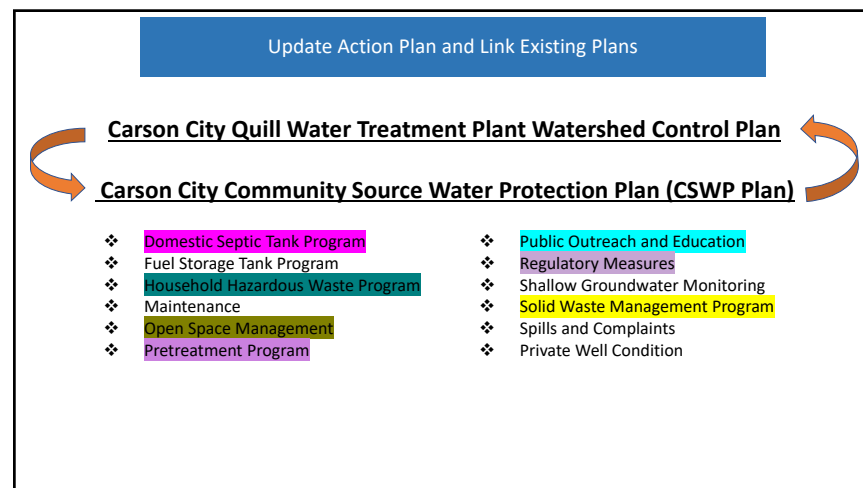
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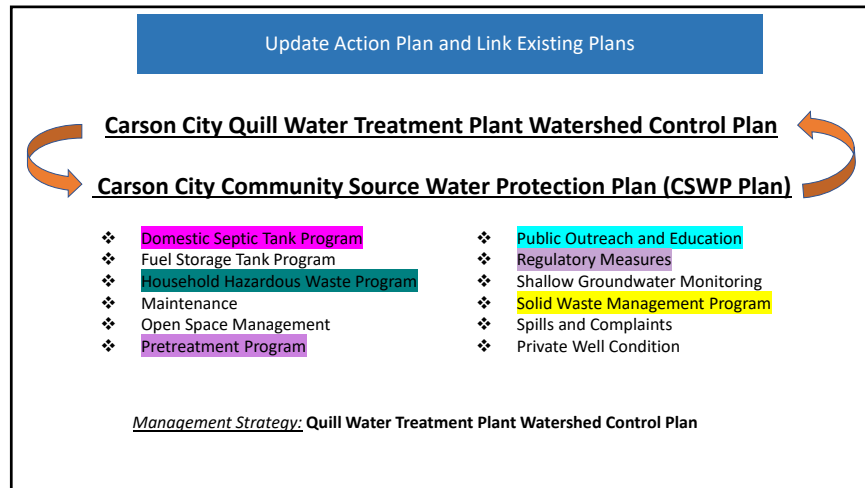


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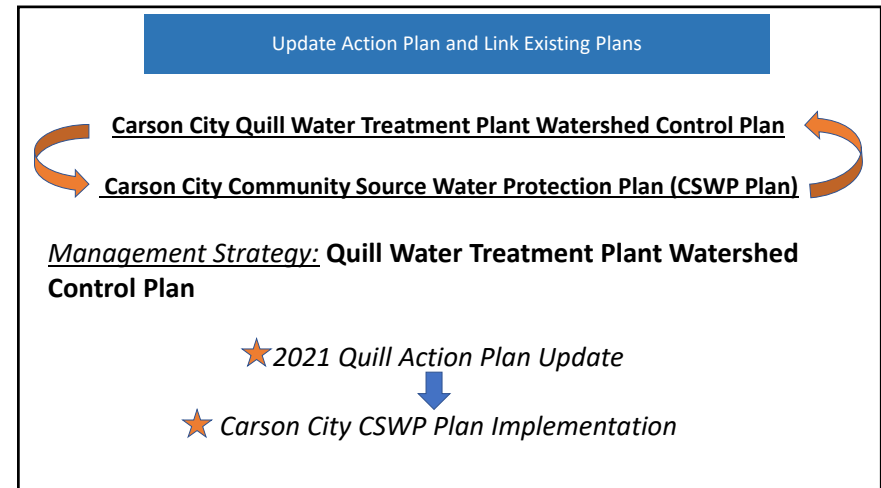


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Update Action Plan:  
Highlight YOUR Source Water Protection Achievements!  
What else are YOU hoping to accomplish?

**Any measure of a successful society is in some way related to access to safe water.**

HAVE A QUESTION ABOUT  
**WATER?**  
We have answers.

**Delivering Safe Drinking Water**

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Update Action Plan:  
Highlight YOUR Source Water Protection Achievements!  
What else are YOU hoping to accomplish?

Carson City Source Water Protection Action Plan		Applicable Area								Key Implementing Department or Group
Management Strategy	Action Description	Priority 1/2	County Wide	2-yr SWPA	5-yr SWPA	10-yr SWPA	25-yr SWPA	Watershed/Recharge	Other	
Coordination and Planning	Consider conducting a source water protection needs assessment in collaboration with landowners.	High							X	Public Works, State Hobart/Mariette System
Coordination and Planning	Consider designating the land use "public conservation" to protect water quality.	Medium							X	Planning
Coordination and Planning	Consider direct coordination with State Parks for protection of surface water quality in the Mariette-Hobart water system.	Medium							X	Public Works, State Hobart/Mariette System
Coordination and Planning	Consider an agreement between Carson City and the State of Nevada to clarify roles and responsibilities regarding the Mariette-Hobart water system.	Medium	X						X	Public Works State Hobart/Mariette System
Coordination and Planning	Consider an annual interdepartmental CSWP Plan status update including assigning roles and responsibilities in coordination with other meetings or trainings (Planning, Health and Human Services, Public Works (environmental control, water stormwater, Fire Department, Open Space).	High	X							Public Works Director or Designee
Coordination and Planning	Consider annual updates and maintenance of the CSWP FlexViewer digital files	High	X							Public Works
Domestic Septic Tank Program	Maintain the existing program and continue to work toward completing mandatory connections in the New Empire and Southeast Carson City areas.	High		X	X	X	X			Public Works

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Carson City Community Source Water Protection Plan Implementation						
Carson City Public Works – Water Division						
	Management Strategy	Action Description	Achievements	Implemented	Ongoing	Implementing Department and Area(s)
2.1	Domestic Septic Tank Program	Maintain the existing program and continue to work toward completing mandatory connections in the New Empire and Southeast Carson City areas.	Carson City has completed mandatory sewer connections in the New Empire Area and is currently pursuing a Southeast sewer conversion project. Additional information can be found on the Carson City Public Works sewer extension project <a href="#">website</a> .	✓	✓	Public Works  County-Wide 2-Yr SWPA 5-Yr SWPA
6.1	Open Space Management	Identify facilities or best management practices to protect runoff and recharge water quality.	Facility identification is an informal practice that is incorporated into regular Open Space management activities. Each property is evaluated by maintenance and natural resource staff to identify runoff issues and mitigation options. Through experience of the conditions of the properties that Open Space manages, Open Space is aware of potential areas of concern for erosion and runoff.	✓	✓	Open Space, Public Works & State Hobart/Marlette System  25-Yr SWPA Watershed/Recharge
8.1	Public Outreach and Education	The first Annual Carson City Source Water Assessment Day was held at the Kings Canyon Trailhead on September 10 <sup>th</sup> , 2022. Participating organizations included River Wranglers, Muscle Powered, Carson Valley Trails Association, and the ISWPP.	Carson City Public Works has plans to continue and expand the Annual Source Water Assessment Day. For example, Carson City Public Works will coordinate with the previous organizations and expand education about source water protection to the Westside Creeks water sources and the Marlette Lake-Hobart Water System.	✓	✓	Public Works, Open Space, & Carson Water Subconservancy District  County-Wide

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Carson City Community Source Water Protection Plan Implementation						
Carson City Public Works – Water Division						
	Management Strategy	Action Description	Achievements	Implemented	Ongoing	Implementing Department and Area(s)
13.2	Quill Water Treatment Plant Watershed Control Plan	Continue to control access within the Areas of Influence.	North kings Canyon Road is closed to motorized access, and Ash Canyon Road was seasonally closed for the 2021/2022 winter. Trails are in good condition and maintenance is ongoing.	✓	✓	Public Works & Open Space  Watershed 1 SWPA Watershed 2 SWPA
13.3	Quill Water Treatment Plant Watershed Control Plan	Maintain Ash Canyon Road.	Carson City Open Space conducted road maintenance on Ash Canyon Road prior to opening the road to vehicles in Summer 2022. <b>For example,</b> Annual maintenance will continue into the foreseeable future.	✓	✓	Public Works & Open Space  Watershed 1 SWPA Watershed 2 SWPA
13.4	Quill Water Treatment Plant Watershed Control Plan	Prioritize stabilization in the Area of Influence.	Collaboration between Muscle Powered and Carson City Open Space resulted in trail and road stabilization within the Areas of Influence. Stabilization practices are ongoing as erosion and sedimentation issues arise.	✓	✓	Open Space & Muscle Powered  Watershed 1 SWPA Watershed 2 SWPA

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Carson City Source Water Protection Action Plan <sup>1</sup>											
Carson City Public Works – Water Division				Applicable Area							
	Management Strategy	Action Description	Priority <sup>1/</sup>	County Wide	2-Yr SWPA	5-yr SWPA	10-yr SWPA	25-yr SWPA	Watershed/ Recharge	Other	Key Implementing Department or Group
3.1	Fuel Storage Tank Program	Develop and maintain management strategies directed at the Aboveground Storage Tanks.	Medium	X							Public Works & Fire Department
12.1	Spills and Complaints	Maintain best management practices that reduce spills and potential contaminant infiltration near wellheads.	High	X				X			Public Works – Fire Department?
	Regulatory Measures	Collaborate with other local municipalities in developing appropriate Low Impact Design Standards for stormwater (consider for example appropriateness of infiltration measures near public supply wells).	Medium	X							Public Works

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Carson City Source Water Protection Action Plan <sup>1</sup>											
Carson City Public Works – Water Division				Applicable Area							
	Management Strategy	Action Description	Priority <sup>1/</sup>	County Wide	2-Yr SWPA	5-yr SWPA	10-yr SWPA	25-yr SWPA	Watershed/ Recharge	Other	Key Implementing Department or Group
3.1	Fuel Storage Tank Program	Develop and maintain management strategies directed at the Aboveground Storage Tanks.	Medium	X							Public Works & Fire Department
12.1	Spills and Complaints	Maintain best management practices that reduce spills and potential contaminant infiltration near wellheads.	High	X				X			Public Works – Fire Department?
	Regulatory Measures	Collaborate with other local municipalities in developing appropriate Low Impact Design Standards for stormwater (consider for example appropriateness of infiltration measures near public supply wells).	Medium	X							Public Works
1.6	Coordination and Planning	Consider SWPAs for the Washoe Tribe of Nevada and California in the Carson City CSWP Plan. (2023)	High	X							Public Works, Planning, & Washoe Tribe of Nevada and California
1.9	Coordination and Planning	Consider water resource protection through land use planning in the Carson City Master Plan update. (2023)	High	X							Public Works & Planning

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Carson City Source Water Protection Action Plan <sup>1</sup>										
Carson City Public Works – Water Division			Applicable Area							
	Management Strategy	Action Description	Priority	County Wide	2-yr SWPA	5-yr SWPA	10-yr SWPA	25-yr SWPA	Watershed/ Recharge	Other
8.10	Public Outreach and Education	Coordinate with the school district about perpetuating a school curriculum as described in the Carson City CSWP Education Plan.	High	X						School District
8.12	Public Outreach and Education	Consider coordination with schools to participate in “water week” or “public works week” activities. <b>No time or staff</b>	High	X						School District, Public Works
10.1	Shallow Groundwater Monitoring	Consider conducting an assessment of future groundwater quality monitoring needs and the triggers for developing and implementing new groundwater monitoring plans. For example, consider coordinating a groundwater assessment with the Carson City Master Plan update. (2023)	Low	X						Public Works & Planning

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How do <u>YOU</u> want your Updated CSWP Plan to be formatted?	
<b><u>Acknowledgements</u></b> <b><u>Executive Summary</u></b> <b><u>1.0 INTRODUCTION</u></b> <u>1.1 Overview</u> <u>1.2 Background</u> <u>1.3 Plan Purpose</u> <u>1.4 Description of Planning Area and Source Water</u> <u>1.5 Existing Plans and Studies</u>	<b><u>3.0 PLAN DEVELOPMENT</u></b> <u>3.1 Source Inventory and Planning</u> <u>3.2 Source Water Protection Areas and Delineation</u> <u>3.3 Potential Contaminant Source Inventory</u> <u>3.4 Source Water Protection Management Strategies</u> <u>3.5 Contingency Plan</u> <u>3.6 New Well Siting and New Water Sources</u>
<b><u>2.0 TEAM FORMATION &amp; PROGRAM GOALS</u></b> <u>2.1 Team Formation Summary</u> <u>2.2 Local Planning Team Members and Roles</u> <u>2.3 Source Water Protection Goals</u>	<b><u>4.0 PLAN IMPLEMENTATION</u></b> <u>4.1 Action Plan Implementation</u> <u>4.2 Potential Funding Opportunities</u> <u>4.3 Updates</u> <b><u>5.0 PUBLIC PARTICIPATION</u></b>

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How do <u>YOU</u> want your Updated CSWP Plan to be formatted?	
APPENDICES (Separate pdf files)	
Appendix A	Source Water Protection Area Map
Appendix B	Meeting & Public Participation Documentation
Appendix C	Capture Zone Delineation Summary Report/Report & Maps
Appendix D	Potential Contaminant Source Summary
Appendix E	Action Plans
Appendix F	Public Education and Outreach Information & Materials
Appendix G	Contingency Plans

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How do YOU want your Updated CSWP Plan to be formatted?

APPENDICES (Separate pdf files)

Appendix A	Source Water Protection Area Map – Add in Washoe Tribe of California and Nevada if possible
Appendix B	Meeting & Public Participation Documentation
Appendix C	Capture Zone Delineation Summary Report/Report & Maps
Appendix D	Potential Contaminant Source Summary
Appendix E	Action Plans
Appendix F	Public Education and Outreach Information & Materials
Appendix G	Contingency Plans

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How do YOU want your Updated CSWP Plan to be formatted?

Amendment Log:  
<https://washoecountycleanwater.org/>

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- Emergency Management
- Public Works
- Community Development
- Community Relations
- State of Nevada
- Parks and Recreation
- Washoe Tribe of Nevada and California
- Carson City GIS



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**Goal 2:**  
*Implement and maintain the  
Community Source Water Protection  
Plan*



Link to OneDrive: [ACTION PLAN  
Carson City CSWP Plan Update](#)

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How do <u>YOU</u> want your Updated CSWP Plan to be formatted?
<p>Amendment Log:  <a href="https://washoecountycleanwater.org/">https://washoecountycleanwater.org/</a></p>

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How do <u>YOU</u> want your Updated CSWP Plan to be formatted?
<p>Amendment Log:  <a href="https://washoecountycleanwater.org/">https://washoecountycleanwater.org/</a></p> <p>Online plan?            CAN be added to the Action Plan for the future.....</p>

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How do <u>YOU</u> want your Updated CSWP Plan to be formatted?
<p>Amendment Log:  <a href="https://washoecountycleanwater.org/">https://washoecountycleanwater.org/</a></p> <p>Online plan?            CAN be added to the Action Plan for the future.....</p> <p>Which amendments can be done by the Planning Team?            Which amendments need to go in front of the Board for adoption again?</p> <p>Presenting Source Water Protection Accomplishments to different boards:            How does this fit in with the City's process?</p>

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*NEXT STEPS.....*

- ❖ *Documents on OneDrive for Review by April 12, 2023*
- ❖ *Edits back to RCI by May 3, 2023*
- ❖ *RCI have FINAL DRAFT ready May 17, 2023*
- ❖ *Next Meeting May 17, 2023: Discuss City Council Presentation*



# Agenda

## Source Water Protection Program

### Carson City Source Water Protection Plan Update

Date: July 13, 2023  
Time: 9:00 – 10:00 am  
Where: Virtual Meeting on Teams

- 1. Welcome & Introductions**
- 2. Brief Update from Carson City Public Works**
  - Review any contact updates to Draft CSWP Plan Main Body
- 3. Review Final Drafts of the 2023 Carson City CSWP Plan**
  - Review updates to Appendix C,
  - Discuss final additions to the Action Plan (Appendix E), and
  - Decide on Final Revisions to review with the Team.
- 4. Next Steps**
  - Schedule meeting time to review Final Draft with Team.
  - Review process for the plan update approval.
  - Discuss implementation – “Source Water Assessment Day”

Carson City CSWP Plan Update

## Meeting Notes

### Carson City Community Source Water Protection Plan Update Meeting

July 13, 2023

9:00AM-9:30AM (Pacific)

Virtual meeting on Teams

#### Attending

NAME	CONTACT INFORMATION		AFFILIATION
Andy Hummel	775-283-7357	AHummel@carson.org	Carson City – Utility Manager
Kelly Hale	775-283-7376	khale@carson.org	Carson City – Environmental Control Foreman
Lindsay Boyer	775-283-7341	lboyer@carson.org	Carson City – Open Space Manager
Christopher Berkey	702-540-6107	christopherb@nvrwa.org	Nevada Rural Water Assoc. (NvRWA)
Ethan Mason	775-687-9311	e.mason@ndep.nv.gov	NDEP Integrated Source Water Protection Coordinator
Erin Smith	775-883-1600	erin@rci-nv.com	Resource Concepts, Inc. (RCI)
Alison Cramer	775-883-1600	alison@rci-nv.com	Resource Concepts, Inc. (RCI)
Jill Sutherland	775-883-1600	jill@rci-nv.com	Resource Concepts, Inc. (RCI)

#### Purpose & Overview

The purpose of this meeting was to discuss the Carson City (CC) Community Source Water Protection Plan (CSWP Plan) update with members of the Local Planning Team (Team). Key updates include a water system description, references to current City-wide plans, and the Action Plan.

#### Discussion

##### 1. Welcome and Introductions

Attendance included: CC Public Works, CC Open Space, NvRWA, NDEP, and RCI.

##### 2. Brief Update from Carson City Public Works

Carson City Public Works provided the Group with a brief overview of staff changes and recommended updates to the CSWP Plan Main Body, including:

- Update the Acknowledgements Page to 2023 participants,
  - The 2014 Acknowledgements can be found on the 2014 Carson City CSWP Plan,
- Include Andy Hummel (Utility Manager) as the Carson City Public Works Contact on all applicable Tables,
- Remove *Water Utility Manager*, and replace with *Utility Manager* on all applicable Tables, and
- Remove *Wastewater Utility Manager* on all applicable Tables.

Carson City Public Works and Carson City Open Space agreed that all web links in the CSWP Plan Main Body should be updated, and that all web links no longer applicable/in service should be disabled.

##### 3. Review Final Drafts of the 2023 Carson City CSWP Plan

The Group reviewed the status of updates to Appendix C, Appendix E (The Action Plan), and additional final revisions, and agreed to the following:



- Disable the hyperlinks which are no longer applicable/in service in Appendix C and Appendix D,
- Update the Education and Outreach Plan (Appendix F),
  - Update the hyperlinks to current educational websites and digital materials,
  - Update *Section 4.0 Educational Tools for Presentations to Target Audiences in Carson City* to include current Digital Materials and source water protection web page information, and
- Review the Final Draft of Appendix E, the Action Plan.

#### 4. Next Steps

The timeline agreed upon by the Group for Final CSWP Plan Approval:

- RCI to submit Final Draft following the July 31, 2023, Final Team Meeting, and
- Present the Final CSWP Plan to the Carson City Board of Supervisors for Approval,
  - Tentatively September 21, 2023, Board Meeting, or
  - October 5, 2023, Board Meeting.

#### Next Steps

**Next Team Meeting:** Monday July 31, 2023, from 10:00AM – 11:00AM (Pacific)

##### Group

- Review the Final Draft of Appendix E, the Action Plan and submit comments on OneDrive prior to July 31, 2023.

##### RCI

- Update the CSWP Plan documents and submit to OneDrive for final review.

#### OneDrive

- Carson City CSWP Plan update



# Agenda

## Source Water Protection Program

### Carson City Source Water Protection Plan Update

Date: July 31, 2023  
Time: 10:00 – 11:00 am  
Where: Virtual Meeting on Teams

- 1. Welcome & Introductions**
- 2. Review Final Drafts of the 2023 Carson City CSWP Plan**
  - Review Final Revisions to the CSWP Plan Main Body and Appendix F (Education and Outreach), and
  - Discuss final additions to the Action Plan (Appendix E).
- 3. Review the 2015 Signed Resolution**
- 4. Finalize CSWP Plan Timeline and Discuss Board Presentation**
  - Review process for the plan update approval.
- 5. Next Steps**

Carson City CSWP Plan Update

## Meeting Notes

### Carson City Community Source Water Protection Plan Update Meeting

July 31, 2023

10:00AM-11:00AM (Pacific)

Virtual meeting on Teams

#### Attending

NAME	CONTACT INFORMATION		AFFILIATION
Andy Hummel	775-283-7357	AHummel@carson.org	Carson City – Utility Manager
Joe Reyna	775-887-2355	JReyna@carson.org	Carson City – Water Production Foreman
Kelly Hale	775-283-7376	khale@carson.org	Carson City – Environmental Control Foreman
Lindsay Boyer	775-283-7341	lboyer@carson.org	Carson City – Open Space Manager
Mareanna Lovejoy	775-283-7693	mlovejoy@carson.org	Carson City – Open Space Senior Natural Resource Specialist
Hope Sullivan	775-283-7922	HSullivan@carson.org	Carson City – Community Development Director
Brianna Greenlaw	775-283-7083	Bgreenlaw@carson.org	Carson City – Stormwater Manager
James Salanoa	775-283-7011	JSalanoa@carson.org	Carson City – Community Relations Coordinator
Ethan Mason	775-687-9311	e.mason@ndep.nv.gov	NDEP Integrated Source Water Protection Coordinator
Erin Smith	775-883-1600	erin@rci-nv.com	Resource Concepts, Inc. (RCI)
Alison Cramer	775-883-1600	alison@rci-nv.com	Resource Concepts, Inc. (RCI)

#### Purpose & Overview

The purpose of this meeting was to discuss the Carson City (CC) Community Source Water Protection Plan (CSWP Plan) update with members of the Local Planning Team (Team). Key updates include a water system description, references to current City-wide plans, the Action Plan, and the Education Plan.

#### Discussion

##### 1. Welcome and Introductions

The Team welcomed the new Senior Natural Resource Specialist for Carson City Parks, Recreation, and Open Space, and each attendee introduced themselves and their affiliation. Attendance included: CC Public Works, CC Parks, Recreation and Open Space, CC Community Development, CC City Manager's Office, NDEP, and RCI.

##### 2. Review Final Draft of the 2023 Carson City CSWP Plan

The Team reviewed, discussed, and agreed on final edits to the CSWP Plan Main Body, Appendix C - Capture Zone Report, Appendix E - The Action Plan, and Appendix F - Education Plan, including:

- Leaving Cottonwood Mobile Home Park and Millhouse Inn water system descriptions, contact information, and Action Plan projects unchanged, as they did not participate in the 2023 CSWP Plan Update,
  - Carson City will inquire about any changes to contact information.

- Update Table of Contents and Page numbers in the Final Draft,
- Update Eagle Valley water level information in the CSWP Plan Main Body and Appendix C,
  - Carson City will draft a generalized summary for the CSWP Plan Main Body, and will consider adding more details to Appendix C, and
  - Carson City may consider drafting a paragraph about recharge practices, which coincide with Eagle Valley water level increases, to include in the CSWP Plan Main Body.
- Update the Section 5.0 Public Participation of the CSWP Plan Main Body and Appendix F - Education Plan, including:
  - Remove “wastewater treatment facility” and “film processing centers” from the public education message: *What contaminates the water we drink?*
  - Target Audiences:
    - Remove Elementary School Students, and
    - Add University Students and Local Businesses.
  - Remove the paragraph describing science classes for students, and add a new paragraph which will be appropriate for college-aged students, and
    - Update content in Appendix B to be college-age appropriate.
  - Update any website links that will take readers to a video or pdf, and instead, link them to the educational website from which that content has been created.
- Add Action Project 8.15: *Consider conducting source water protection education and outreach in conjunction with Master Plan policies.* (Subject to change following final Team review).
- Add Action Project 8.16: *Continue to work with CWSD to expand non-point source pollution education in the Carson River Watershed. For example, provide a link to the CWSD website on the Carson City website or the Community Source Water Protection Viewer.* (Subject to change following final Team review).

### 3. Review the 2015 Signed Resolution

- The Team reviewed the 2015 Signed Resolution, which states that, “CSWP Plan maintenance required under the ISWPP are hereby adopted as part of this resolution for a period of five (5) years from the date of this resolution.” (2015).
- The ISWPP recommends the Team present the updated CSWP Plan to the Board of Supervisors once again for CSWP Plan adoption. Carson City will discuss internally how they would like to proceed with a Board presentation for CSWP Plan adoption.

### 4. Finalize CSWP Plan Timeline and Discuss Board Presentation

The timeline discussed by the Team for Final CSWP Plan Approval is as follows:

- RCI to submit Final Draft following submissions from Carson City Public Works, and City Manager’s Office Education Plan review, and
- Present the Final CSWP Plan to the Carson City Board of Supervisors for Approval,
  - Tentatively September 21, 2023, Board Meeting, or
  - October 5, 2023, Board Meeting.

## Next Steps

**Next Team Meeting:** TBD

### RCI/NDEP

- Send Carson City the pertinent paragraphs for the Eagle Valley water level information to update the Main Body and Appendix C.
- Send a Doodle Poll for possible meeting times in two or three weeks.
- Update the CSWP Plan Main Body and associated appendices to incorporate Team comments and the Carson City Eagle Valley water level paragraph submission.
- Send example Board request letters, previous Carson City Board letters, and CWSD website links to the Team.

### Team

- Prepare a summary of eagle Valley water level improvements, and a paragraph about recharge practices for the CSWP Plan Main Body and Appendix C.
- Review Education Plan and Action Plan document updates sent by RCI.
- Discuss the Carson City Board of Supervisors presentation for CSWP Plan adoption.

## OneDrive

- Carson City CSWP Plan Update

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# **Carson City Board of Supervisors Adoption**

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**RESOLUTION NO. 2023-R-31**

**A RESOLUTION ADOPTING THE COMMUNITY SOURCE WATER PROTECTION PLAN FOR PUBLIC WATER SYSTEMS IN CARSON CITY ("CSWP PLAN") DATED JULY 2023.**

**WHEREAS**, on October 18, 2012, the Carson City Board of Supervisors ("Board") approved Carson City's participation in the State of Nevada's Integrated Source Water Protection Program ("ISWP Program"), which is a voluntary program undertaken to prevent pollution of community drinking water resources; and

**WHEREAS**, through the ISWP Program, Carson City's initial CSWP Plan was prepared over a two-year period to provide a framework for long-term protection of public drinking water sources; and

**WHEREAS**, the Board approved Resolution No. 2015-R-12 on March 5, 2015, to adopt the initial CSWP Plan; and

**WHEREAS**, through the ISWP Program, and with assistance from the Nevada Department of Environmental Protection, Carson City has updated the 2015 CSWP Plan, resulting in the 2023 CSWP Plan; and

**WHEREAS**, adoption of the 2023 CSWP Plan by the Board is a prerequisite for the State of Nevada to endorse the 2023 CSWP Plan and improves Carson City's ability to secure grants to implement projects recommended in the 2023 CSWP Plan; and

**WHEREAS**, the Board hereby finds that it is in the best interest of Carson City to adopt the 2023 CSWP Plan to guide activities concerning the protection of Carson City's drinking water sources; and

**NOW, THEREFORE**, the Board of Supervisors hereby resolves that:

- (1) The CSWP Plan dated July 2023, is hereby adopted as an official plan of Carson City; and
- (2) Staff is directed to pursue implementation of the action plan items identified in Appendix E to the 2023 CSWP Plan.

Upon motion by Supervisor Curtis Horton, seconded by Supervisor Lisa Schuette, the foregoing Resolution was passed and adopted this 16th day of November, 2023 by the following vote.

VOTE:	AYES:	Supervisor Stacey Giomi
		Supervisor Maurice White
		Supervisor Curtis Horton
		Supervisor Lisa Schuette
		Mayor Lori Bagwell

NAYS: None

ABSENT: None

ABSTAIN: None

  
Lori Bagwell, Mayor

ATTEST  
  
William Scott Hoen, Clerk-Recorder  
Carson City, Nevada



# NDEP Endorsement



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December 5, 2023

Carson City Board of Supervisors; Mayor and Ward Supervisors  
The Honorable Lori Bagwell, Mayor  
201 N. Carson Street, Suite 2  
Carson City, NV 89701

**RE: NDEP Endorsement of the 2023 Update to the “Community Source Water Protection Plan for Public Water Systems in Carson City, Nevada”**

Dear Mayor Bagwell,

The Nevada Division of Environmental Protection (NDEP) is delighted to endorse and approve the 2023 update to the “Community Source Water Protection Plan for Public Water Systems in Carson City, Nevada” (Plan). Initially, the 2014 Plan was approved by the Carson City Board of Supervisors on March 5th, 2015, in Resolution No. 2015-R-12, and the 2023 update was approved on November 16th, 2023, in Resolution No. 2023-R-31. This update resulted from the collaboration between the local public water systems staff, Carson City officials, and additional stakeholders over the past year.

The Plan meets established criteria for the State of Nevada’s Integrated Source Water Protection Program (ISWPP) and endorsement of a Community Source Water Protection Plan. The Local Planning Team spent considerable time developing this update and refining their efforts on the community’s source water priorities. This Plan’s approval allows participants to request technical and financial assistance through NDEP’s ISWPP.

NDEP celebrates the Local Planning Team in Carson City for their devotion to protecting drinking water sources. We recognize all the team participants and partnering organizations who gave their time and effort to ensure the success of their Plan. These talented team members were instrumental in updating this realistic and community-specific Plan. It was our sincere pleasure to work with the Local Planning Team, and NDEP looks forward to continued collaboration to implement their Plan.

For assistance or questions about this endorsement, please email the Bureau of Safe Drinking Water, [Source Water Protection Program, ndepsourcewater@ndep.nv.gov](mailto:ndepsourcewater@ndep.nv.gov) or call 775-687-9521.

Sincerely,

Ethan Mason  
NDEP ISWPP Coordinator

Cc:    Darren Schulz            Carson City Public Works, Director  
       Andy Hummel            Carson City Public Works, Utility Manager  
       Nancy Paulson          Carson City Managers Office, City Manager

Ec:    Carson City Community Development  
       Carson City Fire Department  
       Carson City Geographic Information System Services  
       Carson City Parks & Recreation Administration  
       Carson City Planning Department  
       Carson Water Subconservancy District  
       District EPA Region 9 SWP Coordinator  
       NDEP Bureau of Safe Drinking Water, BSDW Bureau Chief,  
       NDEP Bureau of Safe Drinking Water, ISWPP Coordinator,  
       Nevada Rural Water Association, USDA Source Water Protection Specialist  
       Resource Concepts Inc., RCI ISWPP Contractor  
       State of Nevada Marlette–Hobart Water System  
       Terrace Garden Apartments