



**BOULDER CITY
CITY COUNCIL**

MAYOR
JOE HARDY

COUNCIL MEMBERS:
COKIE BOOTH
MATT FOX
SHERRI JORGENSEN
STEVE WALTON



MEETING LOCATION:
CITY COUNCIL CHAMBER
401 CALIFORNIA AVENUE
BOULDER CITY, NV 89005

MAILING ADDRESS:
401 CALIFORNIA AVENUE
BOULDER CITY, NV 89005

WEBPAGE:
WWW.BCNV.ORG



CITY MANAGER:
TAYLOUR TEDDER, CECD

CITY ATTORNEY:
BRITTANY LEE WALKER, ESQ

CITY CLERK:
TAMI MCKAY, MMC, CPO

ADMINISTRATIVE SERVICES DIRECTOR:
BRYCE BOLDT

COMMUNITY DEVELOPMENT DIRECTOR:
MICHAEL MAYS, AICP

PUBLIC WORKS DIRECTOR:
JAMIE CURRERI

UTILITIES DIRECTOR:
JOSEPH STUBITZ, P.E.

POLICE CHIEF:
TIM SHEA

FIRE CHIEF:
WILLIAM GRAY, CFO

ACTING FINANCE DIRECTOR:
ANGELA MANNINEN, CFE

PARKS & RECREATION DIRECTOR:
ROGER HALL

City Council Meeting

March 14, 2023

Item No. 8

Staff Report

TO: Taylour Tedder, City Manager

FROM: Joseph Stubitz, Utilities Director

DATE: March 14, 2023

SUBJECT:

Matters pertaining to Boulder City's treated effluent water:

A. Presentation offered by the Southern Nevada Water Authority (SNWA) on Boulder City's options for recycling treated effluent water

B. For possible action: Discussion and staff direction regarding the options provided by the Southern Nevada Water Authority (SNWA) for Boulder City to recycle its treated effluent water

Business Impact Statement:

This action will not have a significant economic impact on business and will not directly restrict the formation, operation, or expansion of a business.

Action Requested:

That City Council receive a presentation from the Southern Nevada Water Authority and discuss the options presented for recycling treated effluent water.

Overview:

- The City of Boulder City and The Southern Nevada Water Authority (SNWA) are discussing an Interlocal Infrastructure Agreement for a project on the Boulder City Wastewater System.
- SNWA provided the city 4 options for the city's effluent water.
- These options include SNWA potentially funding and constructing modifications to Boulder City's existing wastewater treatment facility and water distribution system to enable the delivery and use of reclaimed water. Sending treated wastewater to Henderson's collection system for treatment, sending treated wastewater to Black Mountain Reservoir, or sending treated wastewater to Hoover Dam.

- The Utility Advisory Committee discussed these options during their February 1, 2023, regular meeting and unanimously voted that options 2 and 3 would have the greatest benefit to the city and should be further investigated.

Background Information:

The City of Boulder City and The Southern Nevada Water Authority (SNWA) have discussed an Interlocal Infrastructure Agreement regarding a project for the Boulder City Wastewater System. A draft of the agreement outlines that SNWA could possibly fund and construct modifications to the City of Boulder City's existing wastewater treatment facility and water distribution system to enable the delivery and use of reclaimed water from that facility at the golf courses under Boulder City's management, as well as the City-owned Veterans Memorial Park. Another option exists in which Boulder City would send its treated effluent to Henderson's collection system for treatment and return through the Las Vegas Wash for return flow credits. Other options include sending the city's treated wastewater to Black Mountain Reservoir or sending treated wastewater to Hoover Dam.

During the regular Utility Advisory Committee (UAC) meeting on January 11, 2023, SNWA presented these 4 options for recycling the city's effluent water to the committee. The UAC further discussed these options during their February 1, 2023 regular meeting and voted unanimously that options 2 and 3 would have the greatest benefit to the city and should be further investigated. The committee was also in agreement that options 1 and 4 are not in the city's best interest and should be avoided.

Financial:

Boulder City Strategic Plan Goal:

Goal B: Invest in Infrastructure

Department Recommendation: The Utilities Department recommends that the City Council receive a presentation by the Southern Nevada Water Authority on the options presented for recycling treated effluent water, and hold discussions to guide staff on subsequent action. Subsequent action by SNWA based on City Council direction would be to hire a consultant to do a complete feasibility study for the option or options.

Attachment:

PowerPoint