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August 19, 2010

Department of Administration
Nevada State Clearinghouse
209 E. Musser Street, Room 200
Carson City, Nevada 89701

RE: Water Study in Lander County, Austin, Combined Sewer & Water District #2
SUBJ: Information request

Dear Sir or Madam,

Day Engineering is in the process of performing an environmental review pursuant to the National Environmental Policy Act for the USDA, Rural Utilities Service in order that it may assess the environmental impacts of drilling a new well southwest of the Town of Austin and installing a pipeline to connect the new well to the existing system. In the event good water cannot be found, the other option being looked at is installing a treatment plant above the existing well, located in Reese River Valley. The project is being proposed to lower the arsenic levels in the District's water supply to acceptable limits.

In either case, a new 250,000 gallon water tank is proposed, to be located on the east side of Reese River Valley, for system reliability and to serve the area recently opened up for development by the installation of a new wastewater treatment plant lower in the Reese River Valley. Enclosed is a map that depicts the proposal's construction activities and a description of the work involved in both scenarios.

Day Engineering requests the assistance of your office in identifying historic properties that are listed or are eligible for listing on the National Register of Historic Places and that may be affected by the proposed project. Please provide any recommendations you may have to mitigate or avoid these impacts, to the properties that may be affected.

We would appreciate a response within thirty days. If you need further information or wish to discuss our project, please contact me in our Ely office at (775) 289-5353.

I thank you in advance for your cooperation in this matter.

Sincerely,

Andrew Whittaker, P.E.

Enclosure

LANDER COUNTY SEWER AND WATER DIST 2

WATER STUDY

OPTIONS 1 AND 2, AND ADDITIONAL RECOMMENDATIONS

(See Exhibit)

Option 1. New Well, Well Building and Water Transmission Line from north end of Carter Ranch to Existing Water Transmission Line in Highway 50

- a) Water Production / Water Rights: Depending on water quality results from bore hole sampling, a production well will be drilled at the north end of the Carter Ranch (APN 006-070-02). Water rights will be transferred from the existing well owned and operated by Lander County Sewer and Water Dist. 2 near Highway 50 in Reese River Valley.
- b) Water Transmission / Distribution / Connection: About 5 miles of 10" water pipe will need to be constructed starting near the intersection of Highway 722 and Highway 50 along Highway 722 to the road to Carter Ranch, and along the Carter Ranch Road south to the proposed well. The water line connection would be near the intersection of Highway 722 and Highway 50.
- c) Water Treatment: A chlorination system will need to be installed at the proposed well house.
- d) Water Pump Stations: No additional pump station is necessary.
- e) Water Storage: No additional water storage improvements are necessary.
- f) Right-of-Way / Easements: Right-of-way and/or easements will need to be established for areas within the pipeline alignment on BLM and NDOT property. Property may need to be purchased by current land owner for well and well building.

Option 2. Water Treatment Plant

- a) Water Production / Water Rights: If a well, as described in Option 1, cannot produce water that meets arsenic maximum contaminant levels, than a water treatment plant will need to be constructed. There appears to be enough area for a water treatment facility within the fenced area of the existing well location in Reese River Valley. Water rights will not be affected.

- b) Water Transmission / Distribution / Connection: The water transmission line near the existing well building will have to connect to the treatment plant.
- c) Water Treatment: Besides the treatment of arsenic, no additional water treatment improvements are necessary.
- d) Water Pump Stations: No additional pump stations are necessary.
- e) Water Storage: No additional water storage improvements are necessary.
- f) Right-of-Way / Easements: Right-of-way and/or easements should not be required since the treatment facility can be placed within the existing fence line of the well site.

Recommended Improvements

Add Tank near Booster Pump Station northwest of Highway 50 and Highway 305

- a) Water Production / Water Rights: No additional water production or additional water rights are required for the proposed tank.
- b) Water Transmission / Distribution / Connection: The proposed tank will connect into the existing transmission water line at the inlet of the pump station. The tank will be uphill from the pump station.
- c) Water Treatment: No additional water treatment is necessary.
- d) Water Pump Station: Adding a tank will improve the reliability of the of the nearby booster pump station.
- e) Water Storage: The tank will provide additional water storage; even though it is no required.
- f) Right-of-Way / Easements: A right-of-way or easement is required for the tank. Another option is to purchase the land for the proposed tank.

Replace Pressure Reducing Valve (PRV) at 6th Street and Bateman

- a) Water Production / Water Rights: No additional water production or additional water rights are required for the replacement of the PRV.
- b) Water Transmission / Distribution / Connection: The proposed PRV will connect into the existing distribution water lines similar to the existing PRV.
- c) Water Treatment: No additional water treatment is necessary.
- d) Water Pump Station: No pump station additions are necessary.

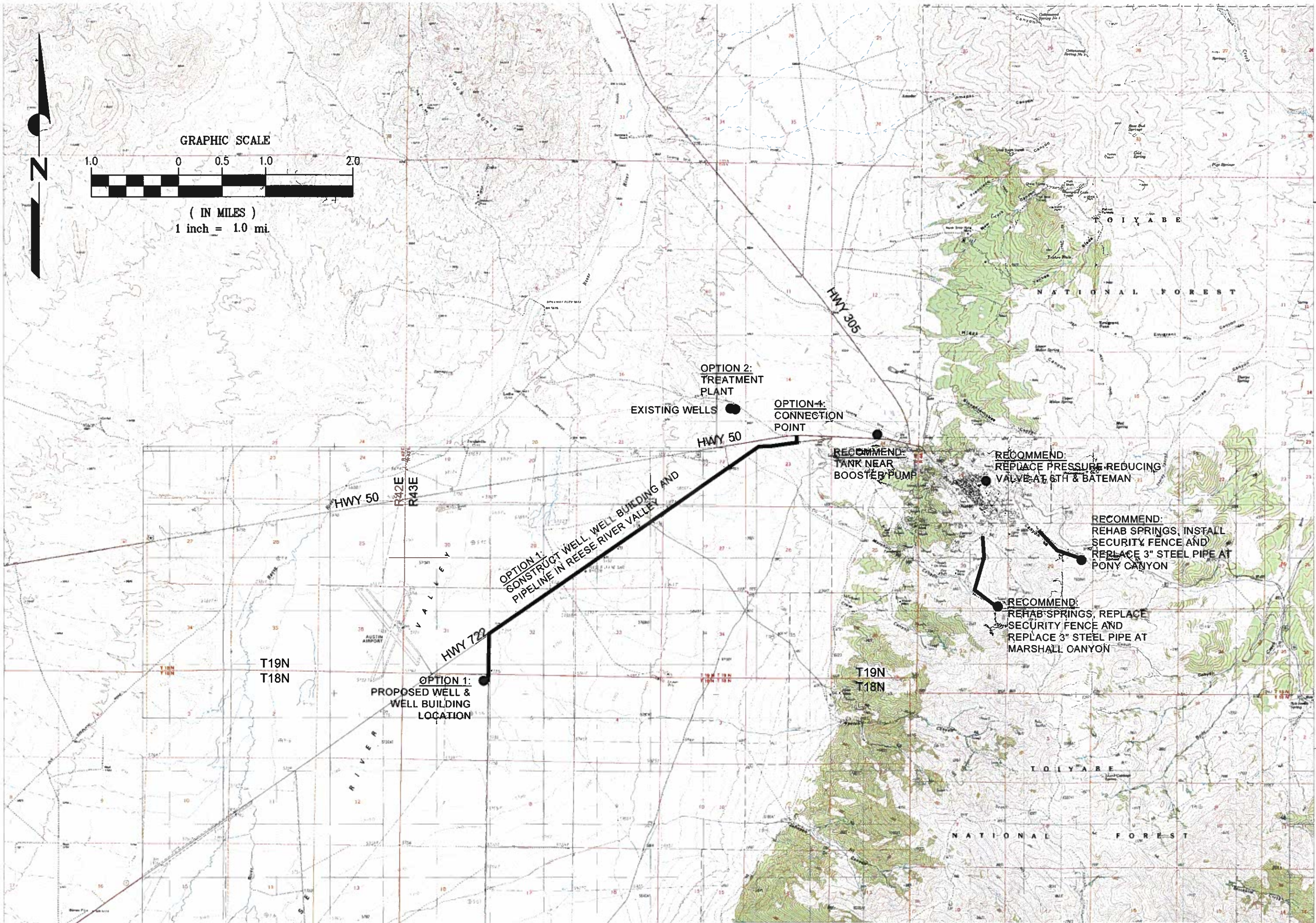
- e) Water Storage: No additional water storage is necessary.
- f) Right-of-Way / Easements: The replaced PRV is located underground in the middle of the street within the existing right-of-way. It may be necessary to replace the PRV along the side of the street; therefore, an easement may be necessary.

Rehab Marshall Canyon Springs, Replace 3" Water Line from Springs to Tank, and Replace Security Fence around Springs

- a) Water Production / Water Rights: Water production may increase with rehabilitating the springs. Water rights are already established.
- b) Water Transmission / Distribution / Connection: The proposed 3" water line will connect between the springs and Marshall Tank.
- c) Water Treatment: No additional water treatment is necessary.
- d) Water Pump Station: No pump station additions are necessary.
- e) Water Storage: No additional water storage is necessary.
- f) Right-of-Way / Easements: The existing 3" water line was constructed many years ago. Right-of-Way or easements may be required to meet new laws. The new water line will follow the same alignment as the existing water line.

Rehab Pony Canyon Springs, Replace 3" Water Line from Springs to Tank, and Install Security Fence around Springs

- a) Water Production / Water Rights: Water production may increase with rehabilitating the springs. Water rights are already established.
- b) Water Transmission / Distribution / Connection: The proposed 3" water line will connect between the springs and Marshall Tank.
- c) Water Treatment: No additional water treatment is necessary.
- d) Water Pump Station: No pump station additions are necessary.
- e) Water Storage: No additional water storage is necessary.
- f) Right-of-Way / Easements: The existing 3" water line was constructed many years ago. Right-of-Way or easements may be required to meet new laws. The new water line will follow the same alignment as the existing water line.



LANDER COUNTY SEWER AND WATER
 DISTRICT 2 - WATER STUDY OPTIONS
 AUGUST 2010