

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

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Ref: 8P-W-TF

March 14, 2013

FINDING OF NO SIGNIFICANT IMPACT

PROJECT: Judge Tunnel Water Line, Park City Municipal Corporation, Summit County, Utah

TO: All Interested Government Agencies and the Public

TOTAL EPA GRANT: \$ 3,587,636

EPA PORTION: \$ 1,973,200

LOCAL MATCH: \$ 1,614,436

As required by the National Environmental Policy Act (NEPA), an environmental review has been performed on the proposed U.S. Environmental Protection Agency (EPA) grant for the above project that will be funded in part by the EPA through a Special Appropriations Grant.

The overall purpose of the proposed Judge Tunnel pipeline is to improve drinking water quality and reliability of the Judge Tunnel as a water supply source for Park City. This project utilizes water that currently is discharged to a drainage channel (located approximately ½ mile up Empire Canyon) and Judge Tunnel water that currently enters Park City Municipal Corporation's (PCMC) drinking water system. The proposed action is to convey Judge Tunnel water that currently discharges from the Judge Tunnel waterworks to Quinn's Junction Water Treatment Plant (QWTP) for treatment so that it will comply with the National Primary Drinking Water Standards promulgated at 40 C.F.R. Part 141, in accordance with the Safe Drinking Water Act, 42 U.S.C. § 300f et seq.. Specifically, the drinking water standard (MCL) for antimony will be consistently achieved by blending water from the Judge Tunnel with other water sources at the QWTP.

The proposed project is a new 24,000 foot raw water pipeline to convey water from the Judge Tunnel to the QWTP. The overall cost of the water line project is estimated at \$8,000,000.

The Environmental Assessment evaluated four alternatives described briefly below.

Alignment Alternative 1 – Treasure Hill (Proposed Alternative)

This alignment goes down Empire Canyon road and heads northwest along an existing water line to the Woodside tank. It then continues north in the foothills through the Park City Mountain Resort and along west Park City on Lowell Avenue before coming through the Park City Golf

Club course, then east down Homestake Road and Kearns Boulevard to connect to an existing pipeline on Wyatt Earp Way.

Alignment Alternative 2 – Marsac Avenue to Deer Valley Dr.

This alignment goes down Empire Canyon road and heads east up to Prospect Ridge, then drops down to Marsac Avenue, then to Deer Valley Drive. It ties into an existing waterline that goes along Deer Valley Drive and Bonanza Drive. The alignment then heads east toward the proposed water treatment plant.

Alignment Alternative 3– Chatham Crossing

This alignment goes down Empire Canyon road and heads east up to Prospect Ridge. The alignment then travels down Prospect Ridge and drops down to Marsac Avenue. The alignment eventually drops down and goes along the Deer Valley ponds. It continues on Solamere Drive and heads north and follows an existing 30’ water line easement north through the Chatham Crossing subdivision to the Park City Rail Trail where it heads east towards Wyatt Earp Way.

Alignment Alternative 4 – US-40 Frontage Road

This alignment goes down Empire Canyon road and heads east up to Prospect Ridge then drops down to Marsac Ave. The alignment continues east eventually following the easement to the Morning Star Estates Subdivision, and follows an existing 50’ right-of-way then crosses through the Gillmor property. It then travels north along the Summit County frontage road to an existing dirt road on the south side of Silver Creek where it heads west then north across the rail trail and Silver Creek to the proposed water treatment plant. A portion of this alignment is located in Summit County.

The Environmental Assessment reviewed the potential for impacts to: geology, soils, groundwater, regulated sites, water quality, water quantity, wetlands, riparian habitat, wildlife, noxious weeds, air quality, visual resources, cultural resources, traffic, noise, environmental justice communities, prime farmland and trails. A summary of the main environmental factors identified in the environmental analysis is as follows:

- 1) Pipeline alignment Options 1 and 2 are within the PCMC Soils Ordinance Boundary; compliance measures necessary.
- 2) Crossing of tributary to McLeod Creek required; Army Corps of Engineers (ACOE) permitting may be necessary.
- 3) Potential impacts to Silver Creek. See Section 1.3.
- 4) Temporary impacts to wetlands anticipated; wetland delineation and permitting may be necessary.

The Environmental Assessment identified no significant impacts to these resources. The proposed project will have few environmental impacts other than the typical impacts of installing an underground pipeline, such as dust, traffic and noise. Although the project is not anticipated to affect any of the historic properties in Park City, the EPA consulted with the State Historic Preservation Officer. The specifics of the consultation are in Appendix E of the Environmental Assessment (EA). Although no impacts to historic properties are anticipated, because of the

many historic properties in the area, we have added a mitigation measure for the construction contractor to monitor for potential historic properties along Northstar Road.

The proposed project will slightly increase the diversion of water from the Judge Tunnel. Historically, most of the tunnel water has been diverted into the Park City water system. The new pipeline will allow more water to be diverted during periods of higher flows and turbidity. To mitigate the slight increase in water diversion, Park City has agreed to provide water to the Silver Maple Claims wetlands along Silver Creek. The details of the mitigation plan are included in Appendix N of the EA.

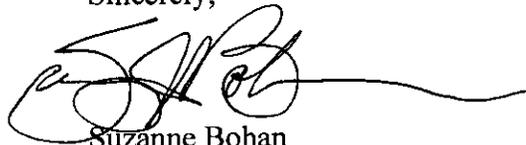
The review process did not indicate that significant environmental impacts would result from the proposed action. Consequently, a preliminary decision not to prepare an Environmental Impact Statement has been made. This action is taken on the basis of careful review of the *Park City Municipal Corporation, Water Pipeline Interconnection, Judge Tunnel Water Line Environmental Assessment* prepared for this project. Copies of the document are available at the Park City Public Work office at 1053 Iron Horse Drive, Park City, Utah 84060 or on line at <http://www.epa.gov/region8/compliance/nepa/docs.html>.

Comments supporting or disagreeing with this decision may be submitted for consideration by the EPA to:

Bruce Cooper
cooper.bruce@epa.gov
US EPA, Region 8, 8P-W-TF
1595 Wynkoop Street
Denver, CO 80202-1129

After evaluating the comments received, the EPA will make a final decision. No administrative action will be taken on the project for at least 30 calendar days after release of the Finding of No Significant Impact.

Sincerely,

A handwritten signature in black ink, appearing to read 'Suzanne Bohan', with a long horizontal flourish extending to the right.

Suzanne Bohan
Director, NEPA Compliance and Review Program
Ecosystems Protection and Remediation