



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SACRAMENTO DISTRICT
1325 J STREET
SACRAMENTO CA 95814-2922

May 13, 2016

Regulatory Division (SPK-2015-00780)

Summit County Open Space and Trails
Attn: Mr. Jason Lederer
0037 Peak One Drive
Frisco, Colorado 80443
Jason.Lederer@SummitCountyCO.gov

Dear Mr. Lederer:

We are responding to your March 30, 2016, request for a Department of the Army permit for the Swan River Restoration Project. The approximately 29-acre project site is located along the Swan River adjacent to Tiger Road (CR6), approximately between Muggins Gulch Road and Rock Island Road, Latitude 39.523537°, Longitude - 105.966068°, S ½ of Section 14, Township 6 South, Range 77 West, Summit County, Colorado.

Based on the information you provided to this office, the Swan River Restoration Project involves work in accordance with the Swan River Restoration Project Pre-Construction Notification plans dated March 18, 2016. These activities will result in the relocation of approximately 2,504 linear feet of the channelized Swan River, resulting in the re-establishment of approximately 5,131 linear feet of stream channel. The project will also result in the temporary loss of approximately 2.23 acres of wetland. This segment of river has been highly modified and degraded from dredged boat mining and remaining spoils left on-site. Restoration of the natural channel form, and re-connection of the stream to its floodplain and groundwater interaction, as well as large scale revegetation efforts, is expected to result in abundant riparian and wetland vegetation restoration across the largely denuded site.

The specific activities that require work/structures or the discharge of dredged or fill material in waters of the United States include restoration of the entire valley bottom and new channel alignment within the Project Area, which will require extensive earthwork and contouring. Heavy equipment will contour the existing landscape to re-establish appropriate valley shape, landforms and achieve appropriate elevations for groundwater interactions. Onsite material will be stockpiled and processed (sorted/screened/crushed) to produce specific materials (fine mineral soils, gravel and cobbles) used for restoration features. A majority of the surface grading and new channel excavation work will be completed with groundwater and stream flows directed around active earthwork areas. However localized drainage and minor flows are anticipated within the new channel work and will be discharged through Best Management Practices (BMPs). Once the new

channel is completed, flows will be introduced and the existing channel abandoned and backfilled.

The new channel alignment and the goal to eliminate fish barriers will require installation of an open bottom culvert bridge for Tiger Road and re-alignment of a section of Tiger Road and Muggins Gulch Road. Tiger Road will be shifted slightly east and Muggins Gulch Road will be shifted north providing adequate room for the new channel alignment. An arched open bottom culvert will be installed in Tiger Road to accommodate the new channel, replacing the current failing pipe culverts conveying stream flows through Tiger Road.

Large scale revegetation efforts will focus on developing a suitable growth medium to cap dredge spoils and the contoured land surface in order to establish native riparian and upland vegetation communities.

We have determined activities in waters of the U.S. associated with the project are authorized by **Nationwide Permit Number (NWP) 27 - Aquatic Habitat Restoration, Establishment, and Enhancement Activities**. You must comply with all terms and conditions of the NWP, applicable regional conditions, and project-specific special conditions. Information about the NWP and regional conditions are available on our website at www.spk.usace.army.mil/Missions/Regulatory/Permitting/NationwidePermits.aspx. In addition, your work must comply with the following special conditions:

1. Within 30 days following construction activities, you shall submit post-construction site and aerial photographs of the project site, showing the work conducted, to the Corps. The camera positions and view angles of post-construction photographs shall be identified on a map, aerial photo, or project drawing. Construction locations shall include all major project features and waters of the U.S.

2. You shall submit a brief annual monitoring report for a period of five years, beginning one year from the completion of project construction. These reports shall be submitted by December 31 of each year, and shall include a narrative describing the status of the both the channel restoration work and the success of the target objectives of the project. Representative ground photography of the sites shall be included in all reports.

Within 30 days after completion of the authorized work, you must sign the enclosed Compliance Certification and return it to this office.

This verification is valid until March 18, 2017, when the existing NWPs are scheduled to be modified, reissued, or revoked. Furthermore, if you commence or are under contract to commence this activity before the date the NWP is modified, reissued, or revoked, you will have 12 months from the date of the modification, reissuance or revocation to complete the activity under the present terms and conditions. Failure to comply with the

general and regional conditions of this NWP, or the project-specific special conditions of this authorization, may result in the suspension or revocation of your authorization.

We would appreciate your feedback on this permit action including your interaction with our staff. At your earliest convenience, please tell us how we are doing by completing the Corps' Regulatory Program national customer service survey found on our website at www.spk.usace.army.mil/Missions/Regulatory.aspx.

Please refer to identification number SPK-2015-00780 in any correspondence concerning this project. If you have any questions, please contact me at our Grand Junction Regulatory Office, 400 Rood Avenue, Room 224, Grand Junction, Colorado 81501, by email at Matthew.R.Montgomery@usace.army.mil, or telephone at 970-243-1199 Ext. 17.

Sincerely,

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ATTHEW.RAY.125
8492168

Digitally signed by
MONTGOMERY.MATTHEW.RAY.1258492168
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=MONTGOMERY.MATTHEW.RAY.12584921
68
Date: 2016.05.13 11:38:22 -06'00'

Matthew Montgomery
Senior Project Manager, CO West Branch
Regulatory Division

Enclosure

1. Compliance Certification
2. Aerial Photo of Swan River Restoration Project, Corps File No. SPK-2015-00780

cc: (w/ encls)

Mr. Dave Blauch, Ecological Resource Consultants, via email: Dave@erccolorado.net
Ms. Lindsay Hirsh, Summit County Engineering, via email: LindsayH@co.summit.co.us
Mr. Jon Ewert, Colorado Parks and Wildlife, via email: jon.ewert@state.co.us
Ms. Ann Timberman, US FWS, via email: ann_timberman@fws.gov
Ms. Sarah Fowler, US EPA, via email; Fowler.Sarah@epamail.epa.gov

COMPLIANCE CERTIFICATION

Permit File Name: Swan River Restoration Project

Action ID: SPK-2015-00780

Nationwide Permit Number:

Permittee: Summit County Open Space and Trails
Attn: Mr. Jason Lederer
0037 Peak One Drive
Frisco, Colorado 80443

County: Summit

Date of Verification: May 13, 2016

Within 30 days after completion of the activity authorized by this permit, sign this certification and return it to the following address:

U.S. Army Corps of Engineers
Sacramento District
400 Rood Avenue, Room 224
Grand Junction, Colorado 81501
DLL-CESPK-RD-Compliance@usace.army.mil

Please note that your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with the terms and conditions of the permit your authorization may be suspended, modified, or revoked. If you have any questions about this certification, please contact the U.S. Army Corps of Engineers.

* * * * *

I hereby certify that the work authorized by the above-referenced permit, including all the required mitigation, was completed in accordance with the terms and conditions of the permit verification.

Permittee Signature

Date

Swan River Restoration Project

SPK-2015-00780

Legend

 Project Area

