
2. DETAILED DESCRIPTION OF AUTHORIZED WORK

In accordance with the terms and conditions of this Department of the Army permit, **Will-O-Wisp Metropolitan District** is granted authorization by the Secretary of the Army to excavate and place fill material into 1.23 acres of wetlands to construct a metering weir, an infiltration gallery, an intake structure, a grit chamber, a diversion dam and a raw water line to a pump station [constructed in uplands]. Maps and drawings are attached. Issuance of this permit and the description of the project is based on documents submitted in the original permit application received by the Denver Regulatory Office on 10 November 2008, an alternative analysis received 20 July 2009, and numerous other submittals throughout the duration of the permitting process including revised project plans on 4 March 2010 and later.

2.1. Location. The project impacts are located in Section 26, Township 6 South, Range 72 West, Park County, Colorado and project details are shown on the attached drawings in eight (8) Sheets dated March 25, 2010.

2.2. Existing Conditions. The project site is at an elevation of 8,300 feet above mean sea level and consists of a wet meadow on the south side of Elk Creek. Hydrology to the wet meadow is from a small un-named tributary to Elk Creek that flows south to north. Uplands surrounding the project site consist of pine forests with large rock outcrops. The surrounding area also contains single family dwellings and small ranches. The wetland vegetation consists primarily of sedges and rushes.

2.3. Description of Work. Water will be diverted from Elk Creek at Glasman Ditch #2 utilizing an intake structure and infiltration gallery located on Elk Creek. Water collected will flow to the raw water pumping station where the water will be metered and pumped to the water treatment plant located within the District. The route of the raw water line will pass over Jones Creek via the utility easement associated with the bridge. No impacts to waters would occur at that site.

2.4. Impacts and Mitigation. The project would impact 1.23 acres of wetlands that would be restored at a 1:1 ratio upon project completion.