



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203 ph(303) 866-3567

REQUEST FOR TECHNICAL REVISION (TR) COVER SHEET

File No.: M- 1979-097 Site Name: East Rigden Pit

County Larimer TR# _____ (DRMS Use only)

Permittee: City of Fort Collins

Operator (If Other than Permittee): _____

Permittee Representative: Matt Parker

Please provide a brief description of the proposed revision: _____

The approved revegetation plan specified planting of trees and shrubs adjacent to the future reservoir shoreline. This Technical Revision application seeks to remove the required planting of trees and shrubs in favor of allowing naturally established trees and shrubs to remain where appropriate. Additionally, as nearly 1/3 of the permit area is planned as a future community park, trees are planned throughout the future park site.

As defined by the Minerals Rules, a Technical Revision (TR) is: “a change in the permit or application which does not have more than a minor effect upon the approved or proposed Reclamation or Environmental Protection Plan.” The Division is charged with determining if the revision as submitted meets this definition. If the Division determines that the proposed revision is beyond the scope of a TR, the Division may require the submittal of a permit amendment to make the required or desired changes to the permit.

The request for a TR is not considered “filed for review” until the appropriate fee is received by the Division (as listed below by permit type). Please submit the appropriate fee with your request to expedite the review process. After the TR is submitted with the appropriate fee, the Division will determine if it is approvable within 30 days. If the Division requires additional information to approve a TR, you will be notified of specific deficiencies that will need to be addressed. If at the end of the 30 day review period there are still outstanding deficiencies, the Division must deny the TR unless the permittee requests additional time, in writing, to provide the required information.

There is no pre-defined format for the submittal of a TR; however, it is up to the permittee to provide sufficient information to the Division to approve the TR request, including updated mining and reclamation plan maps that accurately depict the changes proposed in the requested TR.

Required Fees for Technical Revision by Permit Type - Please mark the correct fee and submit it with your request for a Technical Revision.

<u>Permit Type</u>	<u>Required TR Fee</u>	<u>Submitted</u> (mark only one)
110c, 111, 112 construction materials, and 112 quarries	\$216	<input checked="" type="checkbox"/>
112 hard rock (not DMO)	\$175	<input type="checkbox"/>
110d, 112d(1, 2 or 3)	\$1006	<input type="checkbox"/>

East Rigden Pit Mining Permit

#M1979-097

Technical Revision # _____

June 27, 2023

This Technical Revision application seeks to amend Exhibit E.1 of the 2015 approved reclamation plan for the East Rigden Pit Mine #1979-97. Exhibit E.1, page E-2, which pertains to the Reservoir Parcel, states “[t]he following trees and shrubs are anticipated to be planted adjacent to the reservoir site: (a) Cottonwoods; (b) Ponderosa Pines; (c) Colorado Pinyons; (d) Rocky Mountain Junipers; (e) Hackberry; and (f) Rabbitbrush.”

The above statement does not provide any location information or quantities specific to the species anticipated for planting. While there are currently ponderosa pines and Colorado pinyons planted near the pumphouse structure (see photo A below), a reasonable interpretation of the above statement would indicate a more substantial planting.

This Technical Revision seeks to remove any requirement for trees and shrubs to be planted within the permit area, in favor of two management conditions. First, 58 acres of the permit area, owned by the City is slated to become a community park, replete with a variety of native and locally adapted shade trees. Secondly, the Reservoir Parcel is currently managed as a municipal open space property with site goals focused on creating and maintaining high-quality, native habitat at all vegetation structural levels including native grasses, forbs, shrubs, and trees. Rabbitbrush has established extensively throughout the permit area (photo B is an example), and pockets of cottonwoods and peach-leaf willow (photos C and D) have established as well. In both cases, management of the City-owned mining permit area will continue to improve habitat over time with a focus on promoting the natural establishment of tree and shrub species within self-selected habitat niches.

Planting species such as Ponderosa pine, pinyon pine, and Rocky Mountain juniper would require irrigation infrastructure to maintain plant health as these species do not naturally occur at this latitude and/or elevation. While the City is by no means adverse to investing in this site, permanent irrigation infrastructure is in line with development of the future park site which will occur at a later date. These species should not have been identified in the original revegetation plan.

PHYSICAL VISION PLAN

Proposed Parks, Land Acquired

New parks recommended in the 2008 Parks and Recreation Policy Plan that have yet to be master planned and built. These parks include the northeast community park, the east community park, Bacon Park, Trailhead Park, and Iron Horse Park.

Proposed Parks, Land Not Acquired

Parks that have been planned but land has not been acquired yet. These parks include Interstate Park, Bucking Horse Park, Eastridge Park, and Fossil Lake Park.

Proposed Parks

New neighborhood, schoolsite, or urban parks recommended by this plan to meet level of service standards.

Proposed Community/Neighborhood Centers

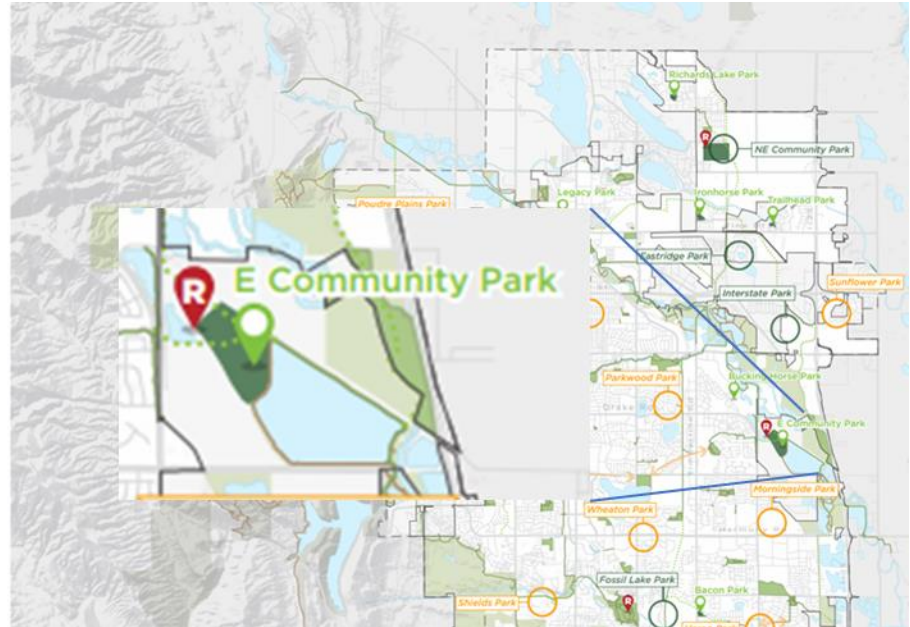
The planned Southeast Community Center in Fossil Creek Community Park and two additional community or neighborhood centers—in the new northeast and **east community parks**—recommended by this plan to meet level of service standards.

Proposed Trails

Additional major paved trail connections recommended based on this plan's policy framework to complete the trail system and close gaps.

Proposed Trail Connections

Trails that are currently planned should be completed in order to expand the existing system.



City of Fort Collins Parks and Recreation Master Plan, 2021 (page 166) showing location of future East Community Park on land within the East Rigden Pit #M1979-79.



Photo A taken (June 27, 2023) looking NW from the pumphouse area showing Ponderosa pines and a cottonwood, planted and staked.



Photo B (taken June 27, 2023) showing an example area of naturally established Rabbitbrush plants along the Rigden Reservoir shoreline.



Photo C (taken June 27, 2023) showing Cottonwood trees naturally recruited and growing within a small swale providing natural irrigation.



Photo D (taken June 27, 2023) showing naturally established rabbitbrush, cottonwoods, and peach-leaf willow along the shoreline of Rigden Reservoir.