

The objective of this well is to identify impacts on the alluvium of the Middle Fork of the Purgatoire from the waste pile.

PAW-9: A sample from an alluvial well located near PRS-4. The objective of this site is to assess impacts on the Middle Fork of the Purgatoire downstream of Elk facilities area.

PAW-9a: A sample from an alluvial well located down gradient of the ventilation shaft proposed with TR-64. The well will be drilled to the depth of bedrock/alluvial interface. This sample site was established to monitor water quality down gradient of the ventilation shaft.

ACAW-1: A sample from an alluvial well located down gradient of the PR-6 area.

CCAW-1: A sample from an alluvial well located down gradient of the PR-6 area.

MW-1- MW-10: The alluvium the New Shallow monitoring wells located near the site of removed underground storage tanks west of the Industrial Building. These sites are monitored to evaluate the success of remediation work.

Spring Sites: Springs in the mine area have been monitored since 1984. With liability release of the underground workings, all of these spring sites lie outside of the current permit boundary. Assessment of spring data through 1998 indicates no effects of mining on these sites and no further monitoring is proposed. Spring 19 is located east of the New Elk workings in an unnamed tributary of the Purgatoire. Additional monitoring of this site was required in the CDMG - approval of the Thickener Recycling revision (TR-34). The Division will be notified in writing if the plan for TR-34 is implemented and monitoring of this spring will continue.

PRS-1: A grab sample and flow station located on the Middle Fork of the Purgatoire River above the surface facilities of the New Elk Mine to act as a control station without influence of mining. This station was selected to assess stream quality and flow above mining activities.

PRS-1a: A grab sample and flow station located on the Middle Fork of the Purgatoire River above the West DWDA as proposed with TR-65. This station was established in 2012 to assess water quality and flow above mining activities in the western portion of the mine.

PRS-4: A grab sample and flow station located on the Purgatoire (NE-080) River below the New Elk Mine Surface Facilities, and above the confluence with North Fork. This station was established in 1993 to assess potential effects of mining on stream quality. Results from this site are periodically sent to CDPHE in NPDES reporting for site NE-080.

PRS-4a: A grab sample and flow station located on the Purgatoire River below the disturbance proposed with installation of a ventilation fan proposed with TR-65. This station was established in 2012 to assess potential effects of mining on river quality.

RDA Pond: A dip sample acquired from either the discharge or directly from the