Currently, no major undisturbed drainage exists within the permit boundary. The Pyeatt drainage was disturbed during the 1988-1992 permit term. The Flume Gulch drainage was impacted with pond construction in Grouse, Sage and Oak Gulches during the 1993-1997 permit term. Mining activities commenced in the Flume, Deacon and Jeffway drainages during the 1998-2002 term and will continue through the current permit term. Mining disturbance and redisturbance activities began in No Name, Coyote and Buzzard drainages during the 2017-2022 permit term and will continue into the 2023-2027 permit term.

Several changes have occurred to the surface water monitoring program over the years. For instance, acidity was a parameter in our original monitoring scheme, but was determined not to be a meaningful parameter due to the normally alkaline pH values of the surface water. Acidity was therefore dropped from List A because it did not yield useful monitoring information.

The frequency of sampling at each site was revised with TR-110. The sampling frequency was changed from a weekly interval to monthly for each NPDES outfall. Traditionally each flowing outfall was sampled on Tuesdays. Sampling will be conducted the first full week of each month for the parameters in Table 4.8-12 at the frequency listed in Table 4.8-11 to be compatible with Trapper's NPDES permit, C-0032115.

In accordance with TR-48 "1989 Annual Report" approval, the following surface water sampling changes became effective:

1) Vanadium was dropped as a sample parameter in the A-1 list.
2) Radium 226 sampling was dropped from the A-1 list.
3) Trapper agreed to analyze surface water parameters for "Dissolved" and "Total Recoverable" as specified in permit Table 4.8-12.

Zinc was added as a sample parameter to the A-3 list in Table 4.8-11 with PR-6.

By March 15 each year, an Annual Hydrologic Report will be provided to the Division detailing the results of the surface water sampling at Trapper for the previous year. The report will include data from all the NPDES discharge sites and the ongoing spring monitoring program in effect.

Revision: PR-11
Submitted: 10-14-2022