

Poplar Pipeline Response Glendive, MT Reclamation Plan

Prepared On Behalf Of:

Bridger Pipeline, LLC

Prepared By:


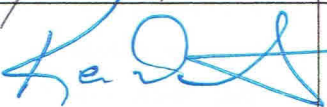
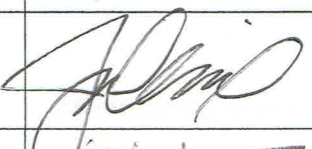
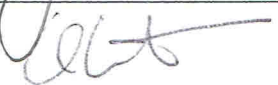
Center for Toxicology and Environmental Health, L.L.C.

5120 North Shore Blvd

Little Rock, AR 72118

501-801-8500

February 26, 2015

	Name/Position	Signature	Date Signed
Prepared By:	Kyle Lawrence / Jacob Fenske		2/26/2015
Approved by RP-IC:	Ken Dockweiler		2/26/15
Approved by: Federal EPA	Joyel D. Hux FOSC		2/26/15
Approved By: Montana DEQ	CHAD ANDERSON		2/26/15

1.0 BACKGROUND

On January 17, 2015, Bridger Pipeline experienced a release on its Poplar Pipeline approximately seven miles upstream of Glendive, MT in the Yellowstone River. Private and public land was involved in the incident and response operations, and will require reclamation.

On February 12, 2015 the Montana DEQ issued Bridger a Notice of Potential Liability Under the Comprehensive Environmental Cleanup and Responsibility Act, 75-10-712, MCA, and The Water Quality Act 75-5-101 et seq., MCA which directed specific mitigation activities and expectations for completion of these activities. One of the directives was to prepare a Reclamation Plan by March 27, 2015.

Unified Command (UC), comprised of representatives from the Montana Department of Environmental Quality (MDEQ), United States Environmental Protection Agency (USEPA), and Bridger Pipeline, LLC (Bridger), will approve the Reclamation Plan which has been prepared by the Planning Section and addresses the four main areas that have been involved in response efforts. The four main areas this Reclamation Plan will address include but are not limited to:

- Northside Pipeline
- Southside Pipeline
- 3.3 Slot
- Seven Sisters Slot

2.0 PURPOSE

The following Reclamation Plan is intended to address the Notice of Potential Liability letter issued February 12, 2015 by MDEQ and provide a brief overview and plan intended to guide reclamation efforts during the emergency response phase, and subsequent post-emergency efforts. Additional Reclamation Plans may be prepared as needed, depending on future response actions.

The Reclamation Plan will outline a proposed reclamation of the Northside Pipeline, Southside Pipeline, 3.3 Slot, Seven Sisters Slot, and other areas that were involved in response activities. UC or designee will consult the affected landowner, Dawson County Conservation District, or both prior to any reclamation work to ensure proper weed control, reclamation, and re-vegetation.

The purpose of the Reclamation Plan is to return areas utilized during response activities to pre-incident conditions.

3.0 RECLAMATION

A map of the four known areas that require reclamation is provided in Attachment A. Depending on future response actions, additional areas will be reclaimed as needed per this Reclamation Plan.

The following procedures will be implemented to accomplish this:

1. Pre-reclamation survey of the four identified areas that need reclamation (Northside Pipeline, Southside Pipeline, 3.3 Slot, Seven Sisters Slot) via aerial imagery, vehicle, boat, or foot and available online databases. All pre-reclamation surveys will be documented in field notebooks, CTEH® field forms, or hand-held devices and will include:
 - Property owner and contact information
 - Approximate linear feet of road repair required
 - Approximate linear feet of fence repair required
 - Approximate area of re-vegetation required
 - GPS coordinates of survey points
 - Photo-documentation of area to be reclaimed
 - Other observations noted
2. Upon completion of the pre-reclamation survey, a representative of Bridger will survey each landowner and document their answers to the following (if applicable):
 - Would you like the road reclaimed to a drivable condition? Or, reclaimed to surrounding vegetation?
 - Would you like the fence reclaimed?
 - Would you like the vegetation reclaimed? If so, the following will be discussed
 - Any special seed mix to consider?
 - Any special timing required (relevant for agriculture lands)
 - Any other requests or concerns related to land and response operations?
3. Upon completion of the landowner survey, the Planning section will coordinate with the Operations Section to discuss each landowner specific reclamation plan and the timing that the

reclamation will occur. In addition to information from the landowner survey, the following Best Management Practices (BMPs) will be utilized:

- Prior to re-vegetation, soils excavated/moved will be returned to pre-incident grade using clean soil and topsoil, as necessary.
 - An appropriate seed mix will be selected based on input from the affected land owner, Dawson County Conservation District, or both and will be installed at the manufacturer's recommended rate. Biodegradable matting/mulch will be used if appropriate.
 - Publicly held areas – Publicly held areas (e.g., county roads) will be returned to pre-incident conditions at the completion of response activities, in cooperation with the affected management agency.
4. Reclamation at each area will occur when verbally approved by UC and reclamation activities are in the Incident Action Plan (IAP). It is anticipated that reclamation of 3.3 Slot and Seven Sisters Slot will occur post thaw once those areas will no longer be utilized by response operations and reclamation of the Northside Pipeline and Southside Pipeline will not occur until after all pipeline repairs are complete.
 5. Upon completion of the reclamation, a post-reclamation survey will occur which will include:
 - GPS coordinates of reclamation work performed
 - Photo-documentation of the area reclaimed
 6. Upon completion of the post-reclamation survey, a representative of Bridger will contact each landowner where reclamation occurred to ensure they are satisfied with the reclamation work performed on their property.
 7. Bridger will maintain contact with landowners until satisfactory re-vegetation is achieved. Re-vegetation efforts will be deemed complete when all soil disturbing activities at the site have been completed, and a uniform perennial vegetative cover with a density of 70% or better of the predisturbed vegetative cover has been established.

Attachment A: Map of Reclamation Areas

Legend

- Yellowstone River
- + Release Site
- Reclamation Area

