

Garfield II Evaporation Pond COC35218

Plan to Decommission Facility and Reclaim Site

The Garfield II Evaporation Pond is located in Garfield County off of County Road 303.

The pit was constructed in 1983 and due to its current condition, Maralex has decided to close the facility and reclaim the site.

In order to dispose of the liner, the water in the facility must first be removed. Maralex plans to use active evaporation to aid in the removal of a majority of the fluids, and then utilize passive evaporation until there are no more fluids in the pond. By engaging active evaporation, it is expected that the water will evaporate by the end of September, 2014.

Once evaporation of fluids is complete, the sediment that remains on the liner must be tested for the landfill to consider accepting it. South Canyon Landfill in Glenwood Springs is using American Environmental Consulting to review the analysis results to characterize the sediment to determine if the liner can be accepted at the landfill with the sediment. If the sediment is collected at the beginning of October and the results submitted for review by the landfill's representative two weeks later, we can expect to have approval for disposal of the liner with sediment by the end of October. Once approval is granted, Maralex will utilize a subcontractor (likely DIA) to remove the liner from the pond and haul it to the landfill.

Before the pond can be backfilled, soil samples in the pit and adjacent to the pit will be collected for analysis to determine if remediation of the site is required. The Form 27 that was submitted to the COGCC is attached. The COGCC will be on site during sampling to determine where samples should be collected. The BLM will also be given notice so that a BLM representative can be present during sampling. This can be scheduled once the liner is removed. Results of the analysis will be provided to the BLM and COGCC.

If the analysis shows no significant impact at the site and approval is granted by the BLM and COGCC, the pit will be filled using soil that was excavated during construction of the pit. If remediation is necessary, then sufficient soils will be excavated to be treated on site as outlined in the Form 27 attached. After post-excavation soil analyses come back within limit, then the pit will be backfilled using the soils that were excavated when the pit was constructed. Once the pit is filled, the fence will be removed unless otherwise directed by the BLM. The soil that may potentially be treated on site will be used for contouring during final reclamation once the soil tests within limit.

The final contouring of the site and reclamation will most likely take place in the Fall of 2015 unless the pit is backfilled early enough this year to allow seeding before the window closes in 2014. Maralex will schedule an on-site with the BLM to develop a plan for final reclamation which will include a BLM approved seed mix, contouring plan and storm water erosion control. Maralex will report annually to BLM on the reclamation status until the case is closed by the BLM.

		Est. Date	Depends on...
1	BLM Approval of Plan	8/15/2014	Maralex Plan Submittal
2	Evaporation of Pond Water	9/30/2014	BLM Approval of Plan
3	Sediment Sampling	10/1/2014	Evaporation of Pond Water
4	Sediment Analysis Results Submitted to Landfill's Rep.	10/15/2014	Sediment Sampling + 2 weeks
5	Approval by Landfill to Accept Liner	10/22/2014	Lab Results
6	Liner Removal	10/31/2014	Landfill Approval
7	Soil Sampling	11/4/2014	Liner Removal, Weather, BLM & COGCC Availability
8	Provide Results of Soil Analysis to BLM & COGCC	11/18/2014	Soil Sampling Date + 2 weeks
9a	Backfill Pit or	12/1/2014	BLM & GOGCC Approval/Availability, Weather
9b	Excavate Impacted Soils and Re-Sample*		
*	In this case, pit will be backfilled in the late spring or summer of 2015		
10	BLM On-Site for Final Reclamation Plan	8/2015	BLM Availability
11	Initiate Final Reclamation – Site Contouring, Seeding, Etc.	9/15/2015	BLM Approval
12	Report Annually to BLM on Reclamation Status Until Case Closed by the BLM	indefinite	