

Spray, Karen



01733400

API # 05-007-06238

**From:** Spray, Karen  
**Sent:** Wednesday, December 02, 2009 11:05 AM  
**To:** 'Matthew\_Janowiak@blm.gov'; Mike Clark  
**Cc:** cschultz@fs.fed.us; wabrown@fs.fed.us  
**Subject:** RE: FGU 16U#1 reclaim  
**Attachments:** H18671R 911-033Revised.pdf; 910-042.XLS; H18504R 910-042revised.pdf

Mike,



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I have reviewed the analytical data obtained from the pit provided by Green Analytical Labs. The only constituents that do not meet the COGCC Table 910-1 standards are EC and SAR, which as we have discussed before are reclamation, not health, driven standards. Chromium was initially suspect, but I confirmed with the lab that this is total Cr, which includes both the CrIII and CrVI in our standards. In the future please have the lab provide results in CrIII and CrVI rather than total.

Pit closure is approved as per COGCC guidance below. Please note that pit contents must be covered with 3 feet of soil to meet our rules.

"pH, electrical conductivity (EC), and sodium adsorption ration (SAR) values are guidelines for reclamation. COGCC and CDPHE have decided that operators do not need to request variances from CDPHE for instances where pit contents do not meet Table 910-1 values for pH, EC, or SAR. However, operators shall attempt, where practicable to meet the pH, EC, and SAR values, but must ensure that remaining pit contents are covered with a minimum of 3 feet of backfill and soil. The soil horizons must be replaced in their original relative position, and reclaimed in accordance with 1000 Series Rules. The backfill and replaced soil must meet Table 910-1 pH, EC, SAR values with consideration given to background levels in native soils."

Please feel free to give me a call if you have any additional questions.

Karen

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-----Original Message-----

**From:** Matthew\_Janowiak@blm.gov [mailto:Matthew\_Janowiak@blm.gov]  
**Sent:** Wednesday, December 02, 2009 9:05 AM  
**To:** Mike Clark  
**Cc:** cschultz@fs.fed.us; wabrown@fs.fed.us; Spray, Karen  
**Subject:** Re: FGU 16U#1 reclaim

Mike,

I will provide a tentative approval for Petrox to get this work done. Walt and Chris may weight in with concerns that may cause me to reconsider.

Work hours are limited to 8:30 AM to 4:00 PM, and let us know the actual dates you're planning to do this work. Please call Walt directly to provide him more specifics.

Thanks,

Matt Janowiak

District Ranger/Field Manager

Columbine District/Field Office

San Juan Public Lands

Bayfield, Colorado

970.884.1438

970.764.7380 (cell)

Mike Clark  
<mike.petroxcbm@  
mail.com>

11/30/2009 05:38  
PM

matthew\_janowiak@co.blm.gov

To

cc

Subject

FGU 16U#1 reclaim

Matt--Petrox is ready to reclaim the above location. The pit samples as the previous samples met the Table 910 limits. Karen Spray w/COGCC has the lab results. The reclaim procedure will involve removing the the pit liner, mixing the cutting with dirt fill for compaction and placing 2 ft of top soil. Petrox has a Trachoe on the FGU 9U#4 location waiting to complete this work. It will take 2-3 days to finish. Once Karen gives us the go ahead I would like to proceed. Please advise Mike