

## Saxton, John

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**From:** Mike Gaither <mike.gaither@UR-Energy.com>  
**Sent:** Tuesday, March 08, 2016 3:44 PM  
**To:** Saxton, John; Brian Wood  
**Cc:** John Cash; Steven Hatten; Kurt Brown; Matt Jaynes  
**Subject:** [External\_Sender] RE: Lost Creek Pond Sump Notification

John/Brian,

Here is an update on the Pond sump status:

We have been closely monitoring the Sump levels and water quality (see table below). Our theory is the recent thaw has caused a surge of water flow between the liners and filled the sumps and is now stabilizing. The water quality in the Sumps has been very consistent. The liner has been inspected as much as feasible with no evidence of compromise.

We are currently working to get water pumped from the Ponds to reduce the levels now that thawing has started. Due to the ice we had not been able to collect Pond water samples from the surface. We will try to get a good Pond sample in the next day or two since the ice is thawing.

ID	Date	Water Depth (inches)	Total Alkalinity (mg/L)	Chloride (mg/L)	Sp Cond (uS/cm)	pH	Sodium (mg/L)	Sulfate (mg/L)	Total U (mg/L)
N Pond Sump	2/26/2016	1.5							
N Pond Sump	2/27/2016	1.5							
N Pond Sump	2/28/2016	3.0							
N Pond Sump	2/29/2016	11.0	395		24000		5179	Pending	
N Pond Sump	3/1/2016	9.0	480	9875	25600		4628		
N Pond Sump	3/2/2016	7.3	463	9700	26900		4397		
N Pond Sump	3/3/2016	6.0	467	11607	26400	7.76	3947		64.2
N Pond Sump	3/4/2016	5.5							
N Pond Sump	3/5/2016	5.5							
N Pond Sump	3/6/2016	5.5							
N Pond Sump	3/7/2016	5.5							
N Pond Sump	3/8/2016	4.5							
S Pond Sump	2/26/2016	0.0							
S Pond Sump	2/27/2016	0.0							
S Pond Sump	2/28/2016	3.0							
S Pond Sump	2/29/2016	13.5	423		30900		6212	Pending	
S Pond Sump	3/1/2016	10.0	430	9815	29900		3081		
S Pond Sump	3/2/2016	10.0	432	9725	30800				
S Pond Sump	3/3/2016	8.3	451	13399	31900	7.66	4142		93.9
S Pond Sump	3/4/2016	8.0	437	10740	31600	7.64	4263		
S Pond Sump	3/5/2016	8.0							
S Pond Sump	3/6/2016	8.0							

S Pond Sump	3/7/2016	8.0	Pending	Pending	Pending	Pending	Pending		
S Pond Sump	3/8/2016	4.0							

**From:** Mike Gaither

**Sent:** Monday, February 29, 2016 2:11 PM

**To:** John.Saxton@nrc.gov; 'Brian Wood' <brian.wood@wyo.gov>

**Cc:** John Cash <john.cash@UR-Energy.com>; Steven Hatten <steve.hatten@UR-Energy.com>; Kurt Brown <Kurt.Brown@UR-Energy.com>

**Subject:** Lost Creek Pond Sump Notification

John,

This is a notification of the status of water levels in the leak detection sumps at the Lost Creek Project. The following levels were recorded this morning in the sumps:

- North Pond LD Sump: 11 inches
- South Pond LD Sump: 13.5 inches

These are above the action limit of 6 inches (the levels were at 3 inches in both yesterday). As a precaution, we are collecting samples from the sumps for analysis. We are investigating and will update you on the outcome. Temperatures have been very warm in the 40s the past couple of weeks and things are beginning to thaw.

Let me know if you have any questions.

**Michael Gaither**  
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