



UR-ENERGY USA, INC.
LOST CREEK ISR, LLC
STANDARD FORM



STORAGE POND DAILY/WEEKLY INSPECTION CHECKLIST

Edition: 22Nov2013rev1

Form Number: FORM_LC_OPS-023A

Approval: MDG

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Inspection Date:	4/6/14	4/7/14	4.8.14	4.9.14			
Inspector Initials:	MS	JG	CH	GH			
Daily or Weekly (D/W):	D	D	W	D			

INSPECTION STATUS (OK)

DAILY	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Condition of inlet/outlet piping and valves	OK	OK	OK	OK			
N Pond Freeboard:	1 ft	1 ft	1 ft	1 ft	ft	ft	ft
S Pond Freeboard:	1.4 ft	1.4 ft	1 ft	1 ft	ft	ft	ft

(3' of Freeboard required – Freeboard is depth below top of pond)

Condition of retention dam and diversion ditch (cracking, slump, seepage, erosion)	OK	OK	OK	OK			
Leak detection standpipe - (visual check of warning light and for water in sump)	light nonfunctional, no pipe over water	OK	water in pipe	water in pipe			

Comments:

WEEKLY	OK	NOT OK
Perimeter fence and signage is intact	✓	
Verify leak detection system is working properly		
Inspection of diversion channels for erosion	✓	
Emergency ropes are available and good cond.	✓	
Check pond liner for signs of stress, damage, or holes	✓	
Ponds have been sampled for weekly selenium	✓	

Comments:



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	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Inspection Date:	3/29/14	3/31	4-1-14	4-2-14	4-3-14	4-4-14	4/5/14
Inspector Initials:	MS	AD	GH	GH	GH	MS	MS
Daily or Weekly (D/W):	D	W	D	D	D	D	D

INSPECTION STATUS (OK)

DAILY	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Condition of inlet/outlet piping and valves	OK	OK	OK	OK	OK	OK	OK
N Pond Freeboard:	1.5 above ft	1.5 ft	1.3 ft	1.2 ft	1.1 ft	1 ft	1 ft
S Pond Freeboard:	1.5 above ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft

(3' of Freeboard required – Freeboard is depth below top of pond)

Condition of retention dam and diversion ditch (cracking, slump, seepage, erosion)	OK	OK	OK	OK	OK	OK	OK
Leak detection standpipe - (visual check of warning light and for water in sump)	Pump on No water in sump	OK	water in pipe OK	water in pipe	water in pipe	water in pipe	water in pipe

Comments:

Refrigerant coming up from N pond

WEEKLY	OK	NOT OK
Perimeter fence and signage is intact	✓	
Verify leak detection system is working properly	✓	
Inspection of diversion channels for erosion	✓	
Emergency ropes are available and good cond.	✓	
Check pond liner for signs of stress, damage, or holes	✓	
Ponds have been sampled for weekly selenium	✓	

Comments:



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Inspection Date:	3/23/14	3/24/14	3/25/14	3/26/14	3/27	3/28	3/29
Inspector Initials:	AD	AD	AD	AD	MS	MS	MS
Daily or Weekly (D/W):	D	W	D	D	D	D	D

INSPECTION STATUS (OK)

DAILY	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Condition of inlet/outlet piping and valves	OK	OK	OK	OK	OK	OK	OK
N Pond Freeboard:	1.5 ft	1.5 ft	1.5 ft	1.5 ft	2.0 ft	2.0 ft	2.0 ft
S Pond Freeboard:	1.5 ft	1.5 ft	1.5 ft	1.5 ft	2.0 ft	2.0 ft	2.0 ft
(3' of Freeboard required - Freeboard is depth below top of pond)							
Condition of retention dam and diversion ditch (cracking, slump, seepage, erosion)	OK	OK	OK	OK	OK	OK	OK
Leak detection standpipe - (visual check of warning light and for water in sump)	OK	OK	OK	OK	OK	OK	OK
Comments:							
WEEKLY						OK	NOT OK
Perimeter fence and signage is intact						—	
Verify leak detection system is working properly						—	
Inspection of diversion channels for erosion						—	
Emergency ropes are available and good cond.						—	
Check pond liner for signs of stress, damage, or holes						—	
Ponds have been sampled for weekly selenium						—	
Comments:							



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Inspection Date:	3/16/14	3/17/14	3/18/14	3/19/14	3/20	3/21	3/22
Inspector Initials:	AD	AD	AD	MS	MF	MS	MS
Daily or Weekly (D/W):	D	W	D	D	D	D	D

INSPECTION STATUS (OK)

DAILY	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Condition of inlet/outlet piping and valves	OK	OK	OK	OK	OK	OK	OK
N Pond Freeboard:	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft
S Pond Freeboard:	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft

(3' of Freeboard required – Freeboard is depth below top of pond)

Condition of retention dam and diversion ditch (cracking, slump, seepage, erosion)	OK	OK	OK	OK	OK	OK – with spill on ground	OK
Leak detection standpipe - (visual check of warning light and for water in sump)	OK	OK	OK	OK	OK	OK	OK

Comments: out let pipe frozen open 370: water spilled on ground in vault. Amount undetermined.
Inlet pipes Frozen

WEEKLY	OK	NOT OK
Perimeter fence and signage is intact	/	
Verify leak detection system is working properly	/	
Inspection of diversion channels for erosion	/	
Emergency ropes are available and good cond.	/	
Check pond liner for signs of stress, damage, or holes	/	
Ponds have been sampled for weekly selenium		

Comments: ponds iced over



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Inspection Date:	3/9/14	3/10/14	3/11/14	3/12/14	3/13/14	3/14/14	3/15/14
Inspector Initials:	AD	AD	MS	MS	MS	AD	AD
Daily or Weekly (D/W):	D	W	D	D	D	D	D

INSPECTION STATUS (OK)

DAILY	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Condition of inlet/outlet piping and valves	AD	AD	MS	MS	MS	MF	AD
N Pond Freeboard:	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft
S Pond Freeboard:	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft	1.5 ft

(3' of Freeboard required – Freeboard is depth below top of pond)

Condition of retention dam and diversion ditch (cracking, slump, seepage, erosion)	OK	OK	OK	OK	OK	OK	OK
Leak detection standpipe - (visual check of warning light and for water in sump)	OK	OK	OK	OK	OK	OK	OK

Comments:

lines into pond frozen 3/14/14
lines out open

WEEKLY	OK	NOT OK
Perimeter fence and signage is intact	✓	
Verify leak detection system is working properly	✓	
Inspection of diversion channels for erosion	✓	
Emergency ropes are available and good cond.	✓	
Check pond liner for signs of stress, damage, or holes	✓	
Ponds have been sampled for weekly selenium		

Comments:

Ponds frozen



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Inspection Date:	3/2/14	3/3/14	3/4/14	3/5/14	3/6/14	3/7/14	3/8/14
Inspector Initials:	AO	MS	MS	MS	MS	AO	AO
Daily or Weekly (D/W):	D	W	D	D	D	D	D

INSPECTION STATUS (OK)

DAILY	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Condition of inlet/outlet piping and valves	AO	MS	MS	MS	MS	AO	AO
N Pond Freeboard:	1.0 ft	1.5 above	1.5 above	1.5 above	1.5 above	1.5 ft	1.5 ft
S Pond Freeboard:	1.0 ft	1 above	1 above	1 above	1.5 above	1.5 ft	1.5 ft
(3' of Freeboard required – Freeboard is depth below top of pond)							
Condition of retention dam and diversion ditch (cracking, slump, seepage, erosion)	OK	OK	OK	OK	OK	OK	OK
Leak detection standpipe - (visual check of warning light and for water in sump)	OK	OK	OK	OK	OK	OK	OK
Comments: lines into ponds frozen lines out of pond open							
WEEKLY						OK	NOT OK
Perimeter fence and signage is intact						/	
Verify leak detection system is working properly						/	
Inspection of diversion channels for erosion						/	
Emergency ropes are available and good cond.						/	
Check pond liner for signs of stress, damage, or holes						/	
Ponds have been sampled for weekly selenium						/	
Comments: Both ponds frozen Pond samples taken when Pond water is pumped into plant							



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Inspection Date:	2/23	2/24	2/25	2/26	2/27	2/28	2/29
Inspector Initials:	MF	MS	MF	MS	AD	AD	AD
Daily or Weekly (D/W):	D	W	D	D	D	D	D

INSPECTION STATUS (OK)

DAILY	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Condition of inlet/outlet piping and valves	MF	MS	MF	MS	AD	AD	AD
N Pond Freeboard:	1.2 0.5 ft	2.5' above ft	1.2 2.5 ft	2.5 ft	1 ft	1 ft	1 ft
S Pond Freeboard:	1.2 0.5 ft	1.0' above ft	1.2 2.5 ft	2.5 ft	1 ft	1 ft	1 ft

(3' of Freeboard required – Freeboard is depth below top of pond)

Condition of retention dam and diversion ditch (cracking, slump, seepage, erosion)		OK		OK	OK	OK	OK
Leak detection standpipe - (visual check of warning light and for water in sump)		OK		OK	OK	OK	OK

Comments:

WEEKLY	OK	NOT OK
Perimeter fence and signage is intact	OK-MF	
Verify leak detection system is working properly	MS	
Inspection of diversion channels for erosion	MS	
Emergency ropes are available and good cond.	OK-MF	
Check pond liner for signs of stress, damage, or holes	MS	
Ponds have been sampled for weekly selenium	N/A - ponds are frozen over	
Comments:	Lr CSP	



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Inspector Initials:	MF	MS		AD	AD	AD	AD
Daily or Weekly (D/W):	D	W		D	D	D	D

INSPECTION STATUS (OK)

DAILY	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Condition of inlet/outlet piping and valves	MF	OK		Frozen	Frozen	Frozen	Frozen
N Pond Freeboard:	2.5-3 ft	0.5 ft	ft	0 ft	0 ft	0 ft	0 ft
S Pond Freeboard:	2.5-3 ft	1 ft	ft	1 ft	1 ft	1 ft	1 ft

(3' of Freeboard required – Freeboard is depth below top of pond)

Condition of retention dam and diversion ditch (cracking, slump, seepage, erosion)		OK		OK	OK	OK	OK
Leak detection standpipe - (visual check of warning light and for water in sump)		OK		OK	OK	OK	OK

Comments:

WEEKLY	OK	NOT OK
Perimeter fence and signage is intact	MF	
Verify leak detection system is working properly	MS	
Inspection of diversion channels for erosion	MS	
Emergency ropes are available and good cond.	MF	
Check pond liner for signs of stress, damage, or holes	MF	
Ponds have been sampled for weekly selenium	N/A	

Comments:

→ CSP 2/20/2014
Ponds are frozen over



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Inspection Date:	2/9	2/10	2/11	2/12	2/13	2/14	2/15
Inspector Initials:	ME	MS	Heat	Heat	Heat	Heat	MS
Daily or Weekly (D/W):	D	W	D	D	D	D	D

INSPECTION STATUS (OK)

DAILY	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Condition of inlet/outlet piping and valves	OK	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen
N Pond Freeboard:	16.0 ft	20.5 ft	0 ft	0 ft	0 ft	0 ft	0 ft
S Pond Freeboard:	16.0 ft	15-1 ft	.25 ft	.25 ft	.5 ft	1.0 ft	1.0 ft

(3' of Freeboard required – Freeboard is depth below top of pond)

Condition of retention dam and diversion ditch (cracking, slump, seepage, erosion)	OK	OK	OK	OK	OK	OK	OK
Leak detection standpipe - (visual check of warning light and for water in sump)	OK	OK	OK	OK	OK	OK	OK

Comments:

WEEKLY	OK	NOT OK
Perimeter fence and signage is intact	✓	
Verify leak detection system is working properly	X	
Inspection of diversion channels for erosion	X	
Emergency ropes are available and good cond.	X	
Check pond liner for signs of stress, damage, or holes	X	
Ponds have been sampled for weekly selenium		

Comments:



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Inspection Date:	2/02	2/03	2/04	2/05	2/06	2/07	2/08
Inspector Initials:		ASD	ASD	ASD	ASD	MR	LS
Daily or Weekly (D/W):	0	0	0	0	0	D	D

INSPECTION STATUS (OK)

DAILY	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Condition of inlet/outlet piping and valves		OK	OK	OK	OK	OK	OK
N Pond Freeboard:	ft	0 ft	0 ft	0 ft	0 ft	0 ft	0 ft
S Pond Freeboard:	ft	-1 ft	-1 ft	-1 ft	-1 ft	-1 ft	-1 ft

(3' of Freeboard required – Freeboard is depth below top of pond)

Condition of retention dam and diversion ditch (cracking, slump, seepage, erosion)		OK	OK	OK	OK	OK	OK
Leak detection standpipe - (visual check of warning light and for water in sump)		OK	OK	OK	OK	OK	OK

Comments:

WEEKLY	OK	NOT OK
Perimeter fence and signage is intact	✓	
Verify leak detection system is working properly	✓	
Inspection of diversion channels for erosion	✓	
Emergency ropes are available and good cond.	✓	
Check pond liner for signs of stress, damage, or holes	✓	
Ponds have been sampled for weekly selenium	✓	

Comments: North pipe on leak detection is Broken