

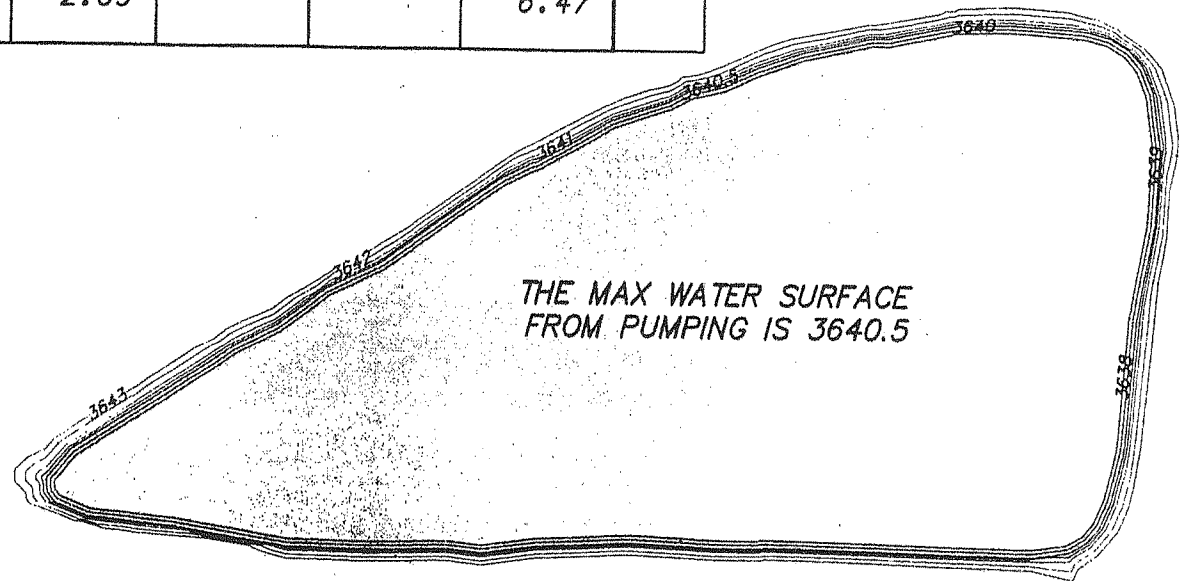
# AREA CAPACITY TABLE FOR RUNOFF CONTROL

ELEVATION (ft)	AREA (ac)	AVG. AREA (ac)	CAPACITY (ac-ft)		
			INCR.	ACCUM.	
3640.5	2.48			0.00	
3641.0	2.52	2.50	1.25	1.25	
3642.0	2.61	2.57	2.57	3.82	
3643.0	2.69	2.65	2.65	6.47	

RUNOFF CAPACITY  
6.47 ac-ft



SCALE: 1" = 100'



POND 2A



Civil Environmental Mining Water Resources

A Division of Western Water Consultants, Inc.

1849 Terra Avenue • Sheridan, Wyoming 82801 • (307) 672-0761 • FAX (307) 674-4265 • e-mail [wweshr@cvberhighway.net](mailto:wweshr@cvberhighway.net)

August 9, 2000

Mr. Allen Nipple  
HSEQ Representative  
Spring Creek Coal Company  
P.O. Box 67  
Decker, MT 59025

RE: Pond 2A

Dear Allen:

As you requested, we have calculated the amount of <sup>space</sup> ~~spot~~ and that must be reserved in Pond 2A in order to accommodate the runoff from the 10-yr, 24-hr precipitation event. The amount of runoff from this event, calculated using the SEDIMOT model developed for your culvert evaluation, is 6.31 acre-feet. If you operate the pond below elevation 3640.5, you will reserve 6.47 acre-feet for the 10-yr, 24-hr event.

We have enclosed supporting documentation (SEDIMOT printout and summary table) and a plan view with area-capacity data above elevation 3640.5.

Please call if you have questions or need additional information. Thank you for the opportunity to provide this service.

Sincerely,

Doyl M. Fritz, P.E.  
President

DMF/hjr

Enclosures: as noted

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#### OTHER LOCATIONS

107 East First Street  
Gillette, WY 82716  
(307) 682-1880  
FAX (307) 682-2257  
e-mail [wwcglt@vcn.com](mailto:wwcglt@vcn.com)

611 Skyline Road  
Laramie, WY 82070  
(307) 742-0031  
FAX (307) 721-3913  
e-mail [info@wwc.laramie.wy.us](mailto:info@wwc.laramie.wy.us)

701 Antler Drive, Suite 233  
Casper, WY 82601  
(307) 473-2707  
FAX (307) 237-0828  
e-mail [wwccsp@aol.com](mailto:wwccsp@aol.com)

Power Block Building  
15 West Sixth Avenue, 4<sup>th</sup> Floor, Suite 4E  
Helena, MT 59601  
(406) 443-3962  
FAX (406) 443-3962  
e-mail [kchase@mt.net](mailto:kchase@mt.net)

P.O. Box 67  
Decker, Montana 59025  
(406) 757-2581  
Fax: (406) 757-2405

RECEIVED

AUG 24 2000

D.E.Q.



August 22, 2000

Mr. Herb Rolfes, Hydrologist  
Industrial and Energy Minerals Bureau  
Permitting and Compliance Division  
Montana Department of Environmental Quality  
1520 East Sixth Avenue  
P.O. Box 200901  
Helena, MT 59620-0901

RE: Pond 2A

Dear Mr. Rolfes:

Per MDEQ correspondence dated August 3, 2000, the Company submits for Departmental review documentation supporting run-off calculations for the above referenced Pond. As you will recall the request was to ensure run-off capacity for a 10 yr/24 hr event at this location.

If questions or concerns arise from this submittal, contact me at (406) 757-4252. Thank you.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Allen Nipple', written over the typed name.

Allen Nipple  
Environmental Coordinator

AN/an

Encl

620, 456