



STATE OF  
COLORADO

Ebert - DNR, Jared <jared.ebert@state.co.us>

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## Cooley Reservoirs and Fulton Wildlife Area, M-1999-034 Question

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**Comaniciu - DNR, Ioana** <ioana.comaniciu@state.co.us>

Tue, Oct 23, 2018 at 4:26 PM

To: Jared Ebert - DNR <jared.ebert@state.co.us>

Hello Jared,

Please see attached the liner approval of the West Cooley Reservoir and the Aravada Reservoir located within the DRMS M1999-034. Let me know if you have any other questions.

Best Regards

Ioana Comaniciu, P.E.  
Water Resources Engineer



COLORADO

Division of Water Resources

Department of Natural Resources

P 303-866-3581 x 8246

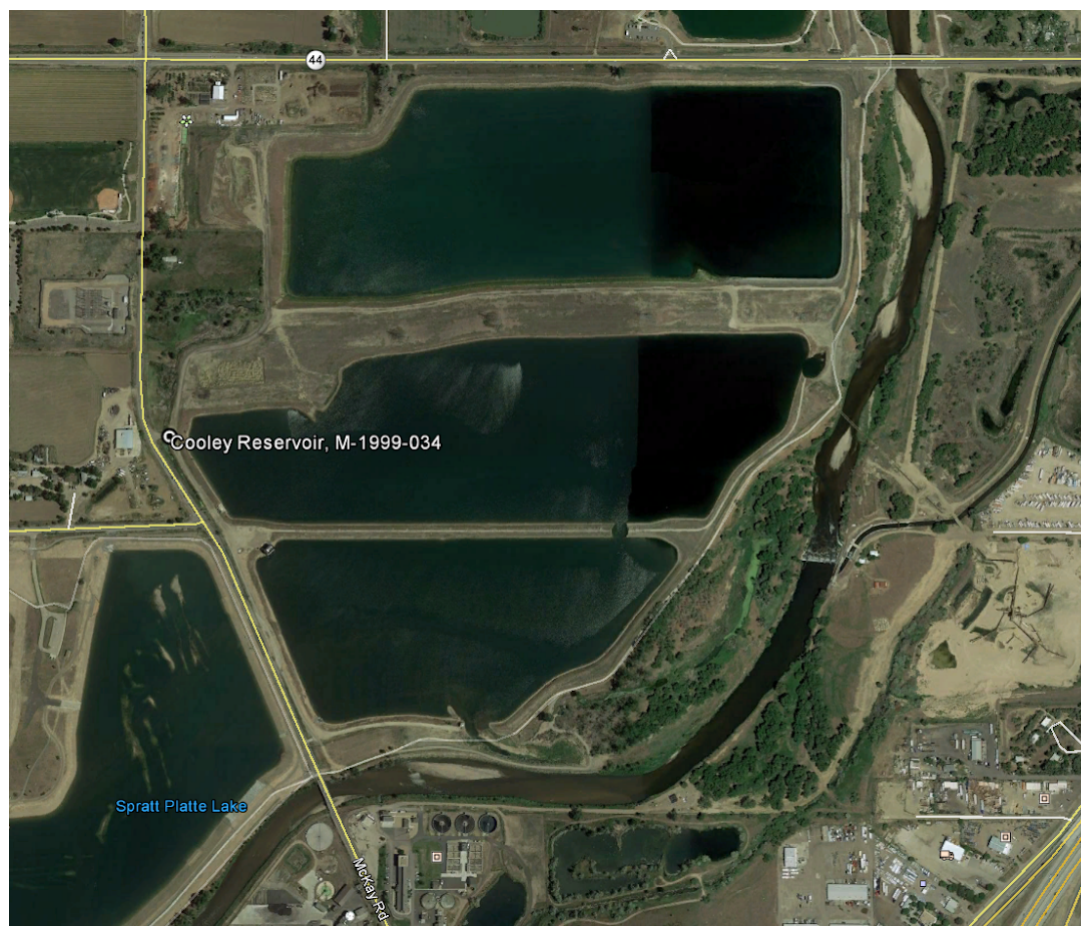
1313 Sherman St., Suite 818, Denver, CO 80203

[ioana.comaniciu@state.co.us](mailto:ioana.comaniciu@state.co.us) | [www.water.state.co.us](http://www.water.state.co.us)

On Tue, Oct 23, 2018 at 4:05 PM Ebert - DNR, Jared <jared.ebert@state.co.us> wrote:

Hello Ioana,

I was curious if you would be able to tell me if the slurry walls around the Cooley Reservoirs at the above referenced site has been certified by the SEO? The site is located east of McKay Road and south of 104th in Adams County.



--  
Jared Ebert

Environmental Protection Specialist III



**COLORADO**  
Division of Reclamation,  
Mining and Safety  
Department of Natural Resources

P 303.866.3567 ext. 8120 | F 303.832.8106 |

1313 Sherman St., Room 215, Denver, CO 80203

[jared.ebert@state.co.us](mailto:jared.ebert@state.co.us) | [mining.state.co.us](http://mining.state.co.us)

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## 2 attachments



**DWR\_2468540.pdf**

41K



**DWR\_2468538.pdf**

41K

## STATE OF COLORADO

WATER DIVISION ONE  
OFFICE OF THE STATE ENGINEERDivision of Water Resources  
Department of Natural Resources810 9th Street, Suite 200  
Greeley, Colorado 80631  
Phone: (970) 352-8712  
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www.water.state.co.us

Bill Owens  
GovernorGreg E. Walcher  
Executive DirectorHal D. Simpson, P.E.  
State EngineerRichard L. Stenzel  
Division Engineer

December 19, 2002

Mr. Mike Applegate, PE  
Applegate Group, Inc.  
1499 West 120<sup>th</sup> Avenue, Suite 200  
Denver, CO 80234-2728Re: Lining of Arvada Reservoir aka South 1/3 Fulton Lakes Pit  
NE¼ of the SW¼, and N½ of the SE¼, Section 17, T2S, R67W  
Water Division 1, Water District 2

Dear Mike:

The purpose of this letter is to approve the lining of the above referenced site. This storage site was created by placing an interior dike within the slurry wall lined area of the Fulton Lakes Pit. This storage area will be used by the City of Arvada while the remainder of the Fulton Lakes Pit will be used by the City of Thornton. **This approval specifically does not include that area to be used by the City of Thornton north of the interior dike.** From the maps you provided, it appears that the interior dike runs along the east-west centerline of Section 17.

This approval is based on the site inspection conducted on September 5, 2002 and on the information provided by you under cover letters dated August 23, 2002 and December 18, 2002. The estimated site inflows from precipitation and groundwater and the outflow due to evaporation indicate that **this site has been lined to the design standard** referenced in the August, 1999 State Engineer Guidelines for Lining Criteria for Gravel Pits. **Meeting the design standard requires that all water inflows and outflows for this site must be accounted for on at least a monthly basis.**

Please call me if you have any questions.

Sincerely,

David L. Nettles, P.E.  
Assistant Division Engineer

FultonLakes-ArvadaResLineOK.doc

CC: Bob Stahl, Water Commissioner  
Kevin Rein, Denver SEO

## STATE OF COLORADO

WATER DIVISION ONE  
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Bill Owens  
GovernorRussell George  
Executive DirectorHal D. Simpson, P.E.  
State EngineerJames R. Hall, P.E.  
Division One Engineer

June 9, 2006

Ms. Tara Meyer, PE, Water Resource Engineer  
Ms. Jennifer Lee, Water Resource Engineer  
Applegate Group, Inc.  
1499 West 120<sup>th</sup> Avenue, Suite 200  
Denver, CO 80234-2728Re: Lining of West Cooley Reservoir aka North 2/3 Fulton Lakes Pit  
N½, Section 17, T2S, R67W, DMG #99-034  
Water Division 1, Water District 2

Dear Tara and Jennifer:

The purpose of this letter is to approve the lining of the above referenced site. This storage site consists of 2 cells, West Cooley North Reservoir and West Cooley South Reservoir, located within the area of the Fulton Lakes Pit. These two storage vessels will be used by the City of Thornton while the storage vessel in the southern 1/3 of the Fulton Lakes Pit will be used by the City of Arvada. The City of Arvada area was approved as a lined storage vessel on December 19, 2002.

This approval is based on the site inspection conducted on February 22, 2006 and on the information provided by you under a cover letter dated June 6, 2006. The measured site inflow from the Ford Seepage Ditch, estimated site groundwater inflows and the outflow due to pumping indicate that **this site has been lined to the design standard** referenced in the August, 1999 State Engineer Guidelines for Lining Criteria for Gravel Pits. **Meeting the design standard requires that all water inflows and outflows for this site must be accounted for on at least a monthly basis.**

Please call me if you have any questions.

Sincerely,

David L. Nettles, P.E.  
Assistant Division Engineer

FultonLakes-ThorntonResLineOK.doc

CC: Bob Stahl, Water Commissioner  
Suzanne Sellers, Denver SEO