From:	Joanne Fagan
To:	Cathie Pagano
Cc:	Dean Bosworth; John Norris
Subject:	Re: FW: Ragged Mtn Fire District Land Use Change referral
Date:	Wednesday, June 13, 2012 2:18:23 PM

Hi Cathie,

We offer the following response to the comments in the 5/23/12 CGS letter:

The district does intend to construct all the rock fall mitigation features consistent with the recommendations in the geohazard report.

We are working with the District's geotechnical engineer to determine what is the best type of foundation for the soil conditions. We are aware of the extensive debris in the fill and the extensive amount of fill on the site. We have a question about why the site was allowed to be "reclaimed" in that manner, but that is a question for other entities. We are also aware of the collapsing soils below the fill. The building design and the design for the leach fields will follow the recommendations from the geotech.

We appreciate the CGS sharing their concerns. These are concerns for the district's design team as well. Please let me know if you have questions or need additional information. We appreciate your assistance.

joanne
7291282

--- CPagano@gunnisoncounty.org wrote:

From: Cathie Pagano <CPagano@gunnisoncounty.org>
To: Jfagan <ccs84@montrose.net>
Subject: FW: Ragged Mtn Fire District Land Use Change referral
Date: Fri, 25 May 2012 09:48:12 -0600

Joanne,

Please see the attached comments from CGS. Please prepare a response to submit to the Planning Commission addressing CGS's concerns and return that to me no later than June 13th. Thanks.

Cathie Pagano, AICP CEP | Planner

Gunnison County Community Development

221 N. Wisconsin St. Suite D

Gunnison, CO 81230

cpagano@gunnisoncounty.org | Ph. 970-641-0360

www.gunnisoncounty.org

From: Berry, Karen [mailto:Karen.Berry@state.co.us]
Sent: Thursday, May 24, 2012 3:39 PM
To: Cathie Pagano
Subject: RE: Ragged Mtn Fire District Land Use Change referral

Cathie:

Here you go. Because it's a critical facility we spent a lot of time running the rockfall simulation and visiting the site.

Karen

From: Cathie Pagano [mailto:CPagano@gunnisoncounty.org]
Sent: Wednesday, May 23, 2012 3:43 PM
To: Berry, Karen
Subject: FW: Ragged Mtn Fire District Land Use Change referral

Karen,

I thought I sent this to you already but it doesn't look like I did (ugh!). This is the applicant's response/additional information on Ragged Mountain Fire District. Can you give me an estimate on when you might be able to send me a response or comments? Thanks.

Cathie Pagano, AICP CEP | Planner

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From: Jfagan [mailto:ccs84@montrose.net]
Sent: Friday, May 11, 2012 7:27 AM
To: Cathie Pagano
Subject: FW: Ragged Mtn Fire District Land Use Change referral

HI Cathie,

Good to talk with you yesterday. Here again attached and below is the response from Trautner Geotech to address the CGS questions. I still have not received your email about site selection but as I mentioned on the phone (not sure if it was before or after I dropped you) is that the District had looked for a long time for land that was close to the highway and found the parcel in question. The site is relatively steep so we sited the building to keep the access practical for emergency vehicles while keeping the amount of required site work and site disturbance to a minimum.

You might let me know if you receive this. Thanks

joanne fagan

From: Andy Gleason [mailto:agleason@trautnergeotech.com]
Sent: Tuesday, May 08, 2012 3:41 PM
To: ccs84@montrose.net
Cc: Dave Trautner
Subject: RE: Ragged Mtn Fire District Land Use Change referral

Joanne

Here are the CRSP analysis model input parameters. I believe these show that only 2 rocks (or 2% probability) that are 5 feet in diameter reach the firehouse location. None of the 8 foot diameter rocks reach the firehouse.

I have included a better jpg of the profile which shows the results at 1521' on the profile for 5 foot diameter rocks.

I have included a screen shot from Google earth which shows the slope conditions and the profile use in the CRSP analysis.

Please let me know if I can be of further assistance or if Ms. Berry needs any more information. I would be happy to speak with her if necessary to clarify some of the analysis.

J. Andrew Gleason

Trautner Geotech LLC

Engineering Geologist/ Avalanche Specialist

Ph: 970-259-5095

Cell: 970-759-5524

Fax: 970-382-2515

649 Tech Center Drive, Unit A

Durango, CO 81301

From: Cathie Pagano [mailto:CPagano@gunnisoncounty.org]
Sent: Friday, May 04, 2012 3:39 PM
To: Jfagan
Subject: FW: Ragged Mtn Fire District Land Use Change referral

Joanne,

Please review the below comments from Karen Barry at Colorado Geological Survey and provide the information to me so that I may send it on to her. Thanks.

Cathie Pagano, AICP CEP | Planner

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From: Berry, Karen [mailto:Karen.Berry@state.co.us]
Sent: Friday, May 04, 2012 2:30 PM
To: Cathie Pagano
Subject: Re: Ragged Mtn Fire District Land Use Change referral

Cathie:

The rockfall hazard report does not include the model inputs. Without input parameters, it is difficult to evaluate the rockfall model. Also, the current simulation shows that is a 20% risk of large boulders passing the mitigation feature (ditch/berm). Does this amount of risk meet county requirements? The conditions of the slope (Figure 3 on page 133 is not clear on the copy) is not readable on our copy. It is also difficult to see the results at 1,521' on page 135 of the copy. How many rocks made it to the proposed firehouse location?

We would like to get the missing information and readable graphics before completing our review.

Thanks,

Karen Berry

From: Cathie Pagano [mailto:CPagano@gunnisoncounty.org]
Sent: Friday, April 20, 2012 1:38 PM
To: Marlene Crosby; Allen Moores; Scott Morrill; devin.drayton@dot.state.co.us; Wenum, J; Richard Stenson; Roussin, Daniel; Berry, Karen
Subject: Ragged Mtn Fire District Land Use Change referral

Please find the Land Use Change permit application for Ragged Mountain Fire District attached for your review. The application is for a 6,750 fire station storage and staging area. Please let me know if you have any questions. Return comments to me no later than May 10, 2012. Thanks.

Cathie Pagano, AICP CEP | Planner

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