



Mike Reynolds
03/01/2005 01:56 PM
MST

To: Eleanor Clark/YELL/NPS@NPS, Doug Madsen/YELL/NPS@NPS
cc: Frank Walker/YELL/NPS@NPS, Joanne Timmins/YELL/NPS@NPS
Subject: Western Wireless, callback

Howdy Eleanor and Doug,

Bill Hackett from Western Wireless just contacted me. They received the letter from us requesting they lower the tower, acid wash the tower, and accomplish this by 6/15/05. He indicated they would have no problem meeting this deadline and tower would be lowered. They also would be more than willing to work with Union Wireless on swapping out their antenna. He also had some additional questions and I was hoping you could point me in the correct direction to answer them for Bill.

1) What, exactly, is the composition of the "Acid Wash" we specified in the letter?

Concerns are A) What are the environmental impacts of this acid wash and how do they mitigate them?

B) Tower crews are certified and bonded to paint towers. They are not bonded or insured to work with hazardous materials (like acid) and he doesn't believe he'll be able to identify a crew who is.

Both concerns could be addressed if the Acid wash is "like paint" and nontoxic or hazardous.

Have we submitted a letter to Union Wireless requesting them to replace their tower? If not, are we planning to do this? Western Wireless would like a copy of that letter when / if we send it.

Thanks for your assistance!

-Mike x2070

Mike Reynolds
Technology Services
Yellowstone National Park

Doug Madsen
03/02/05 08:41 AM MST

To: Mike Reynolds/YELL/NPS@NPS
cc: Eleanor Clark/YELL/NPS@NPS, Frank Walker/YELL/NPS@NPS,
Joanne Timmins/YELL/NPS@NPS
Subject: Re: Western Wireless, callback

Mike,

As we discussed on the phone, the acid wash (I believe) came from discussions Gary Matthews had with the folks who were to install the tower. I believe this technique was suggested by the installers of the tower. The acid wash was to be something similar to a vinegar solution that would react with the galvanized metal of the monopole and turn it a bit of a green tinge color. Its main purpose was to reduce the shine that was expected to result from the new galvanized metal. The sun may have done some of this for us already. If the acid wash is to be of another technique, I'm not familiar with what it would be.

Doug
Mike Reynolds

Eleanor Clark
03/03/2005 10:57 AM
MST

To: Doug Madsen/YELL/NPS@NPS
cc: Frank Walker/YELL/NPS@NPS, Joanne Timmins/YELL/NPS@NPS,
Mike Reynolds/YELL/NPS@NPS
Subject: Re: Western Wireless, callback

Mike,


The acid wash is a diluted vinegar solution which just removes the exterior finish on the pole. It can be sprayed on and left or washed off with water after several hours. It will lightly etch the surface.

Eleanor
Doug Madsen



Frank Walker

03/03/2005 02:42 PM
MST

To: Eleanor Clark/YELL/NPS@NPS
cc: Doug Madsen/YELL/NPS@NPS, Joanne Timmins/YELL/NPS@NPS,
Mike Reynolds/YELL/NPS@NPS
Subject: Re: Western Wireless, callback 

Dear All:

Let's make sure what we are asking for and we should "know" what the results will be, not what we "hope" they will be. Is it possible to test a small part of the lower portion of the tower? If this doesn't work, are we going to be asking Western Wireless to paint the whole thing?

My point is, we only want to do this once.

Frank Walker
Deputy Superintendent
Yellowstone National Park
Phone: 307-344-2003
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The National Park Service cares for special places saved by the
American people so that all may experience our heritage.
Eleanor Clark