

Chris Hagel

From: Steve Liske [sliske@ducks.org]
Sent: Monday, September 08, 2014 9:36 AM
To: Chris Hagel
Subject: RE: S & B Escape ramps quirk
Attachments: DSC00273.JPG

Hey Chris,

Just wanted to pass along a couple things related to the screen removal. The attached photo is from a DU project, and is along the lines of what you described.

This link http://www.lkgoodwin.com/more_info/hoist_and_trolley/chain_hoists_and_trolleys.shtml is for the removable hoist/trolley system that is used. You may prefer motorized versions (or maybe not), but we can discuss those details later. I think this system will work well for the S-B site.

Thoughts?

Steve

STEVE LISKE, P.E.
Senior Regional Engineer
360 885-2011 Office
360 901-7803 Cell
sliske@ducks.org

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Vancouver, WA 98683
www.ducks.org

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-----Original Message-----

From: Chris Hagel [mailto:Chris.Hagel@oregonmetro.gov]
Sent: Thursday, August 28, 2014 6:57 AM
To: Steve Liske
Subject: RE: S & B Escape ramps quirk

Perfect. See you then. Lets meet just outside the landfill office area. Here is my phone number if you have any problems. 503-913-5920.

Chris

-----Original Message-----

From: Steve Liske [mailto:sliske@ducks.org]
Sent: Wednesday, August 27, 2014 6:30 PM
To: Chris Hagel
Subject: Re: S & B Escape ramps quirk

Hey Chris,

I resolved my other conflict, so see you at 10:00 as planned.

Steve

Sent from my iPhone

> On Aug 27, 2014, at 4:20 PM, "Steve Liske" <sliske@ducks.org> wrote:

>

> Chris,

>

> How much trouble would it be to push the meeting back an hour? If that doesn't work for you, or if there are others attending who would need to reshuffle their schedule, no worries, let's keep it at 10:00. If 11:00 works just as well for you, let me know.

>

> Thanks, and see you tomorrow.

>

> Steve

>

> STEVE LISKE, P.E.

> Senior Regional Engineer

> 360 885-2011 Office

> 360 901-7803 Cell

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> -----Original Message-----

> From: Chris Hagel [mailto:Chris.Hagel@oregonmetro.gov]

> Sent: Thursday, July 31, 2014 6:30 AM

> To: Steve Liske; Rick Scrivens

> Cc: Dan Moeller; Elaine Stewart; Nathaniel Marquiss; Julie Jacks

> Subject: RE: S & B Escape ramps quirk

>

> Steve,

>

> My name is Chris Hagel Lead Natural Resource Specialist for Metro. There has been some current staff changes at Metro. Rick, lucky man, is retiring as of today and will be spending most of his time on a tropical beach. Jeff Merrill who you worked with before has left our team for another job at Metro. So, I will be your new contact for now.

>

> I am glad you contacted us about this issue. When I was out on site we found the solution with adding a bolt to the ramp in order to hold it away from the wall was not working. That day I had another solution that I think may work. It would be great to meet out there with you and get your opinion. We also have some other ideas that maybe you can help us out with as well. We have found that the removal of the trash racks on the from of the structure is difficult and actually a little dangerous and we would like to develop a solution for that. So if you had time to meet with me some time after I get back from Vacation that would be

great. This would be the week of August 25th or September 2nd. Anytime during these two weeks would work except for Fridays.

>

>

> Thank you,

>

> Chris Hagel

> Lead Natural Resource Specialist

> Metro

>

> From: Steve Liske [mailto:sliske@ducks.org]

> Sent: Wednesday, July 30, 2014 3:04 PM

> To: Rick Scrivens

> Cc: Dan Moeller; Elaine Stewart; Chris Hagel

> Subject: RE: S & B Escape ramps quirk

>

> Hey Rick,

>

> What is the water level like these days? I'd still like to meet up with you to talk about my ideas.

>

> Steve

>

> STEVE LISKE, P.E.

> Senior Regional Engineer

> 360 885-2011 Office

> 360 901-7803 Cell

> sliske@ducks.org<mailto:sliske@ducks.org>

>

> [cid:image002.jpg@01CFAC07.8E0FEA70]

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>

> From: Rick Scrivens [mailto:Rick.Scrivens@oregonmetro.gov]

> Sent: Thursday, May 22, 2014 11:33 AM

> To: Steve Liske

> Cc: Dan Moeller; Elaine Stewart; Chris Hagel

> Subject: RE: S & B Escape ramps quirk

>

> No, the ramps are floating horizontal.

>

> Feel free to stop by and take a look, unfortunately I will be off for the weekend.

>

> Rick

>

> From: Steve Liske [mailto:sliske@ducks.org]

> Sent: Thursday, May 22, 2014 8:18 AM

> To: Rick Scrivens

> Cc: Dan Moeller; Elaine Stewart; Chris Hagel
> Subject: RE: S & B Escape ramps quirk
>
> Are the ramps hanging vertically at the current water elevation?
>
> There's a chance that I will be in the neighborhood tomorrow. Will you be around?
>
> Steve
>
> STEVE LISKE, P.E.
> Senior Regional Engineer
> 360 885-2011 Office
> 360 901-7803 Cell
> sliske@ducks.org<<mailto:sliske@ducks.org>>
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> [cid:image003.jpg@01CFAC07.8E0FEA70]
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> From: Rick Scrivens [<mailto:Rick.Scrivens@oregonmetro.gov>]
> Sent: Thursday, May 22, 2014 7:50 AM
> To: Steve Liske
> Cc: Dan Moeller; Elaine Stewart; Chris Hagel
> Subject: RE: S & B Escape ramps quirk
>
> Thanks, water level is at 10.30' both sides of the structure. I'll be removing the trash
racks this morning and starting the wetland draw-down.
>
> Rick
>
> From: Steve Liske [<mailto:sliske@ducks.org>]
> Sent: Wednesday, May 21, 2014 8:29 AM
> To: Rick Scrivens
> Subject: RE: S & B Escape ramps quirk
>
> Hey Rick,
>
> I hope you are back to 100%.
>
> How's the water level looking these days? I'd like to come by and run a couple ideas by
you. Let me know what works for you.
>
> Steve
>
> STEVE LISKE, P.E.
> Senior Regional Engineer
> 360 885-2011 Office
> 360 901-7803 Cell
> sliske@ducks.org<<mailto:sliske@ducks.org>>

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> From: Rick Scrivens [mailto:Rick.Scrivens@oregonmetro.gov]
> Sent: Monday, April 07, 2014 9:21 PM
> To: Steve Liske
> Subject: Re: S & B Escape ramps quirk
>
> No problem, I'm in the hospital w/ appendicitis so up probably d be available next week.
> Rick
>
> Sent from my Verizon Wireless 4G LTE Smartphone
>
> ----- Reply message -----
> From: "Steve Liske" <sliske@ducks.org<mailto:sliske@ducks.org>>
> To: "Rick Scrivens" <Rick.Scrivens@oregonmetro.gov<mailto:Rick.Scrivens@oregonmetro.gov>>
> Subject: S & B Escape ramps quirk
> Date: Mon, Apr 7, 2014 2:55 PM
>
> Hey Rick,
>
> Sorry....I haven't forgotten about you, just that lately I've been in the field more than in
the office. I'll be in touch later this week.
>
> Steve
>
> STEVE LISKE, P.E.
> Senior Regional Engineer
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> From: Rick Scrivens [mailto:Rick.Scrivens@oregonmetro.gov]
> Sent: Friday, March 28, 2014 4:17 PM
> To: Steve Liske

> Subject: Re: S & B Escape ramps quirk
>
> That would make sense, it seems like little more, of course I'm usually looking down.
>
> Sent from my Verizon Wireless 4G LTE Smartphone
>
> ----- Reply message -----
> From: "Steve Liske" <sliske@ducks.org<mailto:sliske@ducks.org>>
> To: "Rick Scrivens" <Rick.Scrivens@oregonmetro.gov<mailto:Rick.Scrivens@oregonmetro.gov>>
> Subject: S & B Escape ramps quirk
> Date: Fri, Mar 28, 2014 1:22 PM
>
> Rick,
>
> When the water in the structure is at its lowest (that you've seen), where is the water
surface relative to the bottom of the ramp (when it's hanging vertically)?
>
> According to my calculations, if the depth of the water inside the structure is 2.5 feet,
the water surface would be approx 1 foot below the bottom of the ramp. Does that sound about
right to you, based on your observations?
>
> Steve
>
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> From: Rick Scrivens [mailto:Rick.Scrivens@oregonmetro.gov].
> Sent: Thursday, March 27, 2014 4:34 PM
> To: Steve Liske; Dan Moeller
> Cc: Jeff Merrill
> Subject: RE: S & B Escape ramps quirk
>
> Thanks, sounds like we're all on the same page.
>
>
>
> Rick
>
> From: Steve Liske [mailto:sliske@ducks.org]
> Sent: Thursday, March 27, 2014 4:25 PM
> To: Dan Moeller
> Cc: Rick Scrivens; Jeff Merrill

> Subject: Re: S & B Escape ramps quirk

>

> Hey Dan, yeah I just visited the site with Rick and he mentioned the extensions. When I get back the office tomorrow I'll put my thinking cap on and see what can be done to rectify that.

>

> Steve

>

> Sent from my iPhone

>

> On Mar 27, 2014, at 4:22 PM, "Dan Moeller"

<Dan.Moeller@oregonmetro.gov<mailto:Dan.Moeller@oregonmetro.gov>> wrote:

> Hi Steve,

>

> Sorry to jump in here, but when you're out there maybe take a look/think about if we should consider fabricating extensions to the existing ramps since they don't touch the water when it's low and then would be very steep for wildlife to climb even when it raises a little. Maybe not a huge issue but just thought I'd mention it.

>

> Best,

>

> Dan

>

> Dan Moeller

> Natural Areas Land Manager

>

> Metro

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> Portland, Oregon 97232-2736

> 503-797-1819 (Phone)

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>

>

> From: Rick Scrivens

> Sent: Thursday, March 27, 2014 9:21 AM

> To: Steve Liske; Jeff Merrill

> Cc: Dan Moeller

> Subject: RE: S & B Escape ramps quirk

>

> Steve, I'll be here, I'm off at 4:30 so a little earlier would be better. Jeff did a great job of describing the situation, and I think it might be an easy fix.

>

> No casualties in those bays.

>

> Rick

>

> From: Steve Liske [mailto:sliske@ducks.org]
> Sent: Thursday, March 27, 2014 8:27 AM
> To: Jeff Merrill
> Cc: Rick Scrivens; Dan Moeller
> Subject: RE: S & B Escape ramps quirk

> Jeff,

> I know exactly what you're saying. That possibility crossed my mind...but I didn't think it would actually happen. I've got an idea or two. Rick, are you available this afternoon, say around 4:00? If not, tomorrow would work for me.

> Other than that, are they working? Have there been any casualties that could not escape?

> Steve

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> From: Jeff Merrill [mailto:Jeff.Merrill@oregonmetro.gov]

> Sent: Thursday, March 27, 2014 6:39 AM

> To: Steve Liske

> Cc: Rick Scrivens; Dan Moeller

> Subject: S & B Escape ramps quirk

> Hi Steve,

> Rick has noticed an interesting quirk of the S & B wildlife escape ramps that we wanted to get your feedback on. I'll try to describe it - Rick you jump in if I'm off base in my description.

> If the ramps are deployed (i.e. in their wildlife saving position) and the water drops to a very low level the ramps will hang down more or less vertically as expected. No problem there...however, as the water begins to rise again the ramps do not begin to float up on their own. For some reason the pressure of the water rising maintains the ramps in a vertical position (against the side of the water control structure) even as the water rises higher. Rick has to hook onto the bottom end and pull them up at which point the float takes over and it works fine. We were wondering if you had any suggestions on how to remedy the situation. Rick thought stacking another floatation piece might add more buoyancy and push the ramp slightly away from the side of the WCS when it hangs down. Any, thoughts or ideas?

> If you have time or are in the area you might be able to coordinate with Rick to see the quirk in action (depending on the water level of course). Or Rick, if you have any photos maybe you can send them along to Steve.

>

> Thanks,

>

> Jeff Merrill

> Natural Resource Specialist

>

> Metro

> 2661 SW Borland Rd.

> Tualatin, OR 97068

> 503.312.0007 (Phone)

> 503.638.8620 (Fax)

> www.oregonmetro.gov<mailto:jeff.merrill@oregonmetro.gov>

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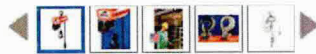
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CM Shopstar Electric Chain Hoist 250 lbs



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- H4 duty cycle (300 motor starts/hour)
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- 10 pocket oblique lay liftwheel provides longer chain wear
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- Optional impact-resistant chain container available
- Gear train lifetime lubricated with non-oxidizing grease
- CM Hoist Alloy Load Chain (zinc plated optional)
- Thermally protected hoist duty motor
- Dual braking system - D.C. plus regenerative
- Rugged cast aluminum alloy hoist frame
- 5:1 design factor
- Small, compact design for commercial & industrial applications
- Rigid hook suspension is standard. Optional swivel hook suspension allows hook to rotate 360 degrees for easy attachment and positioning of the hoist in tight spaces.
- Hardened forged steel latch style lower hook rotates 360°
- Totally enclosed non-ventilated hoist frame protects motor from environmental contamination

CM Shopstar 250 lbs Electric Chain Hoist Specs

- Electric Phase: Single Phase & Three Phase
- Voltage: 115/1/60, 230/3/60, 430/3/60
- Motor HP: 1/6 HP
- Lifting Speed: 16 feet per minute
- Reeving: Single
- Capacity: 250 lbs
- Standard Lift: 10 ft.
- Suspension Type: Hook
- Head Room: 11 1/16 inches

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CAD Drawing 1 Part Reeved Shopstar Electric Chain Hoist with Hook Suspension DWG file

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