

From: [Jennifer Stanhope](#)
To: [Tiernan Lennon](#)
Cc: [Sumalee Hoskin](#)
Subject: RE: MVP water discharge recommendations?
Date: Tuesday, April 25, 2017 11:33:10 AM

Looks like the upland areas. That is what is indicated below Table 5 and pg 23. Which do you agree with for applying the conservation measures? Both?

From: Lennon, Tiernan [mailto:tiernan_lennon@fws.gov]
Sent: Tuesday, April 25, 2017 11:05 AM
To: Jennifer Stanhope
Cc: Sumalee Hoskin
Subject: Re: MVP water discharge recommendations?

Are they discharging in upland areas or into tributaries? Yeah I agree they should still apply the conservation measures.

On Mon, Apr 24, 2017 at 5:05 PM, Jennifer Stanhope <jennifer_stanhope@fws.gov> wrote:
Hi,

So I think I figured out what is going on with the water discharges. They aren't directly discharging at the MP with the stream crossings, but just 0.1 to 0.2 miles from the crossings. I had to print out Tables 4 and 5 to compare.

So for Leading Creek, the stream crossing is at MP 47.9 and the discharge is at 48.0
For N. Fork Roanoke River, stream crossing at MP 227.2 and discharge at MP 227.3.
For Roanoke River, stream crossing at MP 235.6 and discharge at MP 235.8.

So, are you ok with this? They aren't directly discharging and it has 0.1-0.2 miles to travel before reaching the stream/river.

We probably still want the conservation measures, right?

Jen

From: Jennifer Stanhope [mailto:jennifer_stanhope@fws.gov]
Sent: Monday, April 24, 2017 11:43 AM
To: Tiernan Lennon; Sumalee Hoskin
Subject: MVP water discharge recommendations?

Hi Tiernan and Sumalee,

In reviewing water discharge section, what do you think about adding these recommendations (what we are recommending for ACP) for discharges to waterbodies with known (if they are actually discharging to these waters) or potential occurrences of federally listed species or under review species:

- a. For water discharge:
 - i. if adding an algacide, confirm that the algacide is safe for all aquatic species that have the potential to occur in waterbodies in the vicinity of the discharge;

- ii. should vegetation or cover/mulch/duff be removed during discharge, restore the discharge site to pre-discharge conditions;
- iii. if using water from municipal sources, use filtration to remove chemical additives (e.g., chlorine) to acceptable levels before discharge;
- iv. do not discharge into waterbodies with known or potential occurrences of ESA-listed or under review species; and
- v. discharge a minimum of 300 feet from waterbodies.

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