

From: [Melissa Turner](#)
To: [Hartman, Jelena@Waterboards](mailto:Hartman_Jelena@Waterboards)
Cc: [Fregien, Susan@Waterboards](mailto:Fregien_Susan@Waterboards); "Parry Klassen"; "Michael Johnson"
Subject: RE: MID Spill Sites
Date: Wednesday, September 05, 2012 1:53:59 PM

Hi Jelena,

I've attached a map that Francisca made based on some additional information she got from MID (MID 062712.jpg). I believe that you already received a more detailed map of Cottonwood Creek spill sites but I've attached that again as well. Please let me know if this helps answer your questions.

Below are some excerpts from the emails with MID staff (Darren Garcia):

Email 6/27/12:

I have attached a map package of District Facilities and Recorders. Recorder # 26 would have the spill from Dry Creek to Fresno River. MID recorders on Dry Creek are located at Rd. 16 & Ave. 16 and another at Rd. 16 & Ave. 15 1/2 .

MID has users downstream of the recorders, so we would have to deduct from the recorder reading the users meter to get the actual spill. MID tries to run the system with minimal spill, the only time we would have a large amount going past that point is when we fulfill Riparian Demands. If you would like recorder readings daily or monthly let me know what years and I can try to provide that information.

Email 6/27/12:

This would be all the recorders MID maintains. MID has recorders out during our season, which varies from year to year, average year late April early May to September or October. For example this year, which is extremely dry, our season is from late May to early August.

During the offseason, on extremely wet years the creeks while have uncontrolled storm runoff. I have been here six years and have seen that twice. During those times we try to have the recorders running, just for record keeping.

Email 7/10/12 (Francisca sent Darren a similar map to verify the labeling however he misinterprets the monitoring sites as recorders):

If the monitoring sites are MID recorders then a couple are wrong. MID does not have one at Berenda Slough, it would be Berenda Creek @ Ave. 17 & Rd. 15. Also MID Dry Creek recorder is located @ Rd. 16 & Ave.16.

Additional concern is the label Cottonwood Cr SpillSites, this is more of a operational spill. The water that the District operationally spills into cottonwood creek is taken out to satisfy MID laterals off cottonwood creek. MID has weirs sites along cottonwood creek, that during our season we control the water in cottonwood creek, putting it into the creek and taking it out, and MID's goal is to have zero MID water leaving its boundaries.

At the end of MID's season, which varies from year to year, the cottonwood creek weirs are lowered so MID does not obstruct any of the natural runoff during storm situations. During MID's off irrigation season we have no control over the water in cottonwood creek, although during an extreme flood season MID staff does pull trash and repair any banks to the creek that maybe washed out.

Melissa

From: Hartman, Jelena@Waterboards [mailto:Jelena.Hartman@waterboards.ca.gov]
Sent: Wednesday, September 05, 2012 11:31 AM
To: Melissa Turner
Cc: Fregien, Susan@Waterboards; 'Parry Klassen'; 'Michael Johnson'
Subject: RE: MID Spill Sites

Hi Melissa,

Based on the previous correspondence, it looks like Cottonwood Creek receives direct discharges from the Madera Irrigation District (MID). It is not clear how/if water from MID reaches Berenda Slough and Dry Creek. Do you have any information regarding any of the irrigation districts, Madera or Chowchilla, using as conveyance or discharging into Berenda Slough and Dry Creek?

Thanks,

Jelena

From: Jelena Hartman
To: Johnson', 'Michael; Klassen', 'Parry; Turner, Melissa
CC: Johnson', 'Francisca
Date: 6/27/2012 11:11 AM
Subject: RE: MID Spill Sites

Hello Melissa,

Did you have a chance to check whether any MID spill sites exist on Berenda Slough and Dry Creek, or if portions of those waterways are used as conveyances for MID? Are any maps available that show which parts of Berenda Slough and Dry Creek might be impacted by MID water deliveries/movement?

Thank you for the mini-tour yesterday. It was really interesting and useful to see the area, and I appreciate the opportunity to see things in the field.

-Jelena

>>> Jelena Hartman 6/19/2012 3:02 PM >>>
Hi Melissa,

Thank you for the map of the MID spill sites into Cottonwood Creek. The information is very helpful and is more detailed than I had hoped for.

A map at the MID website <http://www.madera-id.org/images/Pdf/Maps/District%20Map%20Medium%20Size.pdf> indicates that Berenda Slough is outside the boundaries where MID operates. I am not sure about Dry Creek. Do you know if there are any MID spill sites into Dry Creek?

Thanks,

Jelena

>>> Melissa Turner <mturner@mlj-llc.com> 6/19/2012 2:48 PM >>>

Hi Jelena,
Attached is a map of the MID spill sites into Cottonwood Creek and also a pdf which labels the spill sites on a land use map of the subwatershed. As far as I know, Cottonwood Creek is the only waterway we monitor with Madera Irrigation District spill sites. The spill sites are direct from MID waterways.
Please let me know if you have additional questions. Francisca is cc'd on this email and if need be she can try to obtain additional information from MID but I believe that the map should help answer your questions.
Melissa

From: Jelena Hartman [mailto:JHartman@waterboards.ca.gov]

Sent: Tuesday, June 19, 2012 8:09 AM
To: Michael Johnson; Melissa Turner; Parry Klassen
Subject: MID Spill Sites

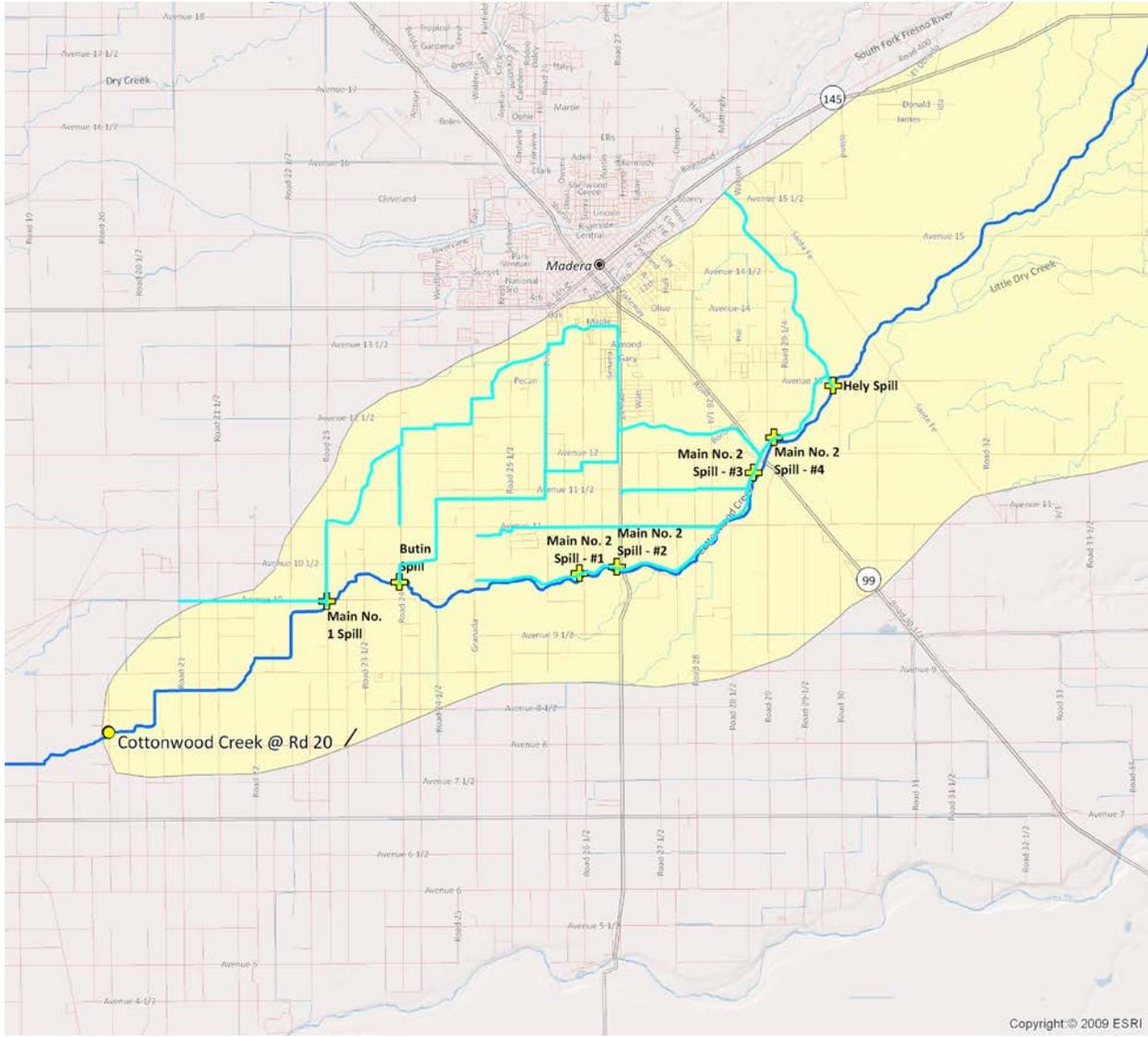
Good morning,

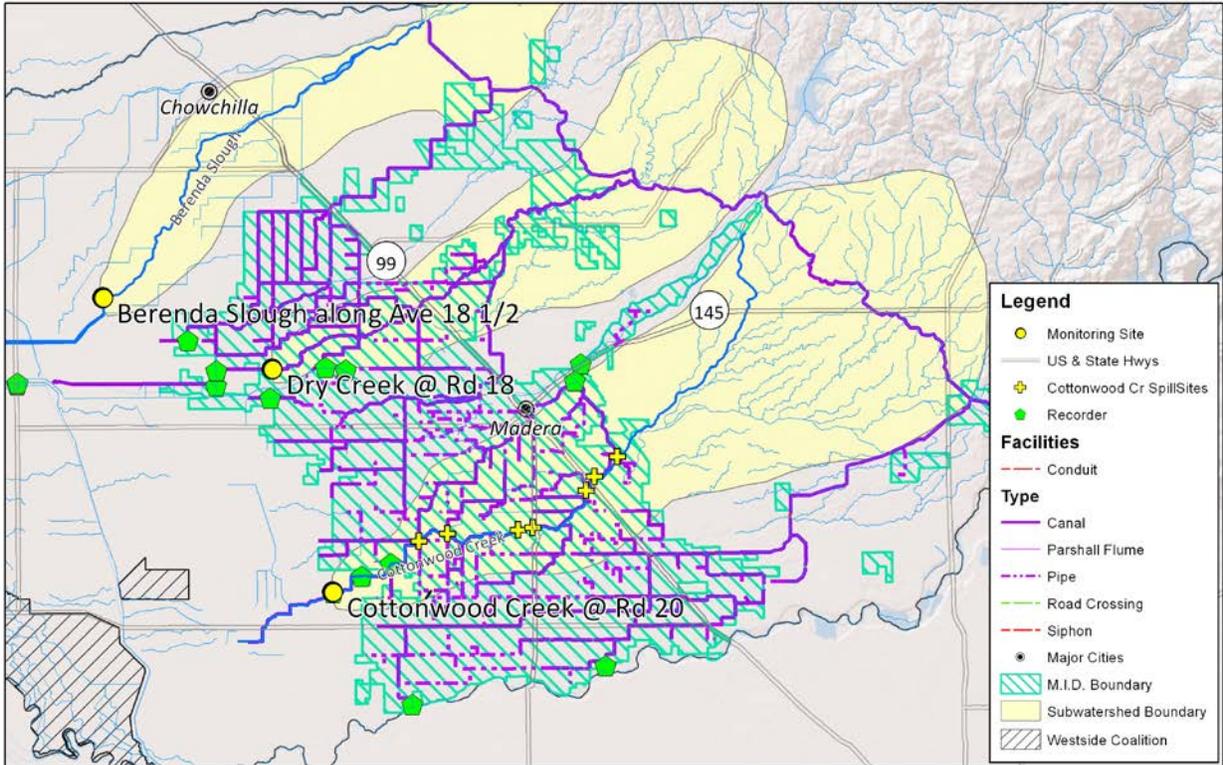
The issue of elevated copper concentrations in Zone 6 was discussed during the last two Quarterly meetings, and potential contribution of algaecide applications to copper exceedances. The AMR indicates that Madera Irrigation District has a number of spill sites that feed into Cottonwood Creek, and I would like to find out more about the connections between the monitored subwatersheds and MID network of water conveyances:

Which of the monitored subwatersheds are affected by water from MID canals? Do you know where the MID spill sites are?
Is the discharge from MID canals direct or via other water bodies?

Thanks,

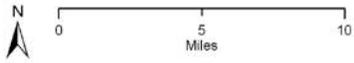
Jelena





Source of Layers:
 Hydrology - NHD hydrodata, 1:24,000-scale, <http://nhd.usgs.gov/>
 Roads, highways, railroads, county boundary, city outlines - California Spatial Information Library
 TRS - Teale Public Land Survey System, Pub. date: 20090101, California Spatial Information Library
 Parcel Layer - Sharedata: 2010, Merced 2011, Madera 2011
 Soils Data - NRCS Soil Data
 Basemap, Shaded Relief - ESRI
 Datum - NAD 1983

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