

**From:** [Kristen Chisholm](#)  
**To:** [Abbey R. Germaine](#)  
**Cc:** [Monica Lowe](#)  
**Subject:** RE: Dry Weather Testing  
**Date:** Friday, September 22, 2023 8:46:41 AM  
**Attachments:** [image002.png](#)  
[image003.png](#)  
[DD3 Drain E Outfall Screening Summary.pdf](#)

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Hi Abbey,

I have attached the outfall screening summary for Drain E. I did not include a flow rate value but instead provided the needed velocity and depth measurements for each equal subsection of the width. I am trying to be consistent with what was previously done, but I'm unable to confirm how the flow rate was last calculated for this site. I know we have provided the flow data this way in the past. Please let me know if you have any questions.

Thank you,

**Kristen Chisholm**

Environmental Specialist | Environmental Department

Ada County Highway District (ACHD)  
3775 Adams Street, Garden City, Idaho 83714

**Phone:** (208)387-6383

[www.achdidaho.org](http://www.achdidaho.org)

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**From:** Abbey R. Germaine <arg@elamburke.com>  
**Sent:** Tuesday, July 18, 2023 12:20 PM  
**To:** Kristen Chisholm <Kchisholm@achdidaho.org>  
**Subject:** RE: Dry Weather Testing

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Great, thank you, Kirsten. I was just asking Monica about this today. Your ears must have been ringing .

**Abigail R. Germaine** | Of Counsel



251 E. Front St., Ste. 300 | Boise, ID 83702  
T: (208) 343-5454 | E: [arg@elamburke.com](mailto:arg@elamburke.com)

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**From:** Kristen Chisholm <[Kchisholm@achdidaho.org](mailto:Kchisholm@achdidaho.org)>  
**Sent:** Tuesday, July 18, 2023 11:55 AM  
**To:** Abbey R. Germaine <[arg@elamburke.com](mailto:arg@elamburke.com)>  
**Subject:** RE: Dry Weather Testing

Hi Abbey,

I wanted to follow up with you, and let you know that I took samples at Drain E today. It's been taking about a month to receive the analytical results. I will send you my final inspection summary once I receive them.

Thank you,

**Kristen Chisholm**

Environmental Specialist | Environmental Department

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**From:** Abbey R. Germaine <[arg@elamburke.com](mailto:arg@elamburke.com)>  
**Sent:** Friday, May 5, 2023 4:20 PM  
**To:** Kristen Chisholm <[Kchisholm@achdidaho.org](mailto:Kchisholm@achdidaho.org)>  
**Subject:** RE: Dry Weather Testing

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Hi Kirsten,

We would like to test Drain E. Thanks!

Abbey

**Abigail R. Germaine** | Of Counsel



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**From:** Kristen Chisholm <[Kchisholm@achdidaho.org](mailto:Kchisholm@achdidaho.org)>

**Sent:** Monday, May 1, 2023 2:12 PM

**To:** Abbey R. Germaine <[arg@elamburke.com](mailto:arg@elamburke.com)>

**Subject:** RE: Dry Weather Testing

Hi Abbey,

We have screened Drain A and Drain E twice since 2017 and Drain B almost every year since 2015 except for in 2017 and 2021. Could you please let me know which outfalls you would like screened by around June 1<sup>st</sup> so I can start planning?

Thank you!

**Kristen Chisholm**  
Environmental Specialist | Environmental Department

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**From:** Abbey R. Germaine <[arg@elamburke.com](mailto:arg@elamburke.com)>

**Sent:** Friday, April 28, 2023 3:52 PM

**To:** Kristen Chisholm <[Kchisholm@achdidaho.org](mailto:Kchisholm@achdidaho.org)>

**Subject:** Dry Weather Testing

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Hi Kristen,

Drainage District No. 3 would appreciate ACHD performing its dry weather testing again this year. Could you tell us the outfalls we have tested the last several years? Let us know when we should get this scheduled. I think the permit requires the testing be done after June 1<sup>st</sup>.

Thanks!  
Abbey

**Abigail R. Germaine** | Of Counsel



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## Outfall Inspection Summary

**Outfall Name: Drain E**

<b>Receiving Waters:</b> Boise River	<b>Pipe Type:</b> Open ditch, unlined <b>Pipe Size:</b> 17 feet		<b>Lat:</b> 43.62044 <b>Long:</b> -116.23296		
<b>Date:</b> 7/18/2023 <b>Personnel:</b> KC, PG	<b>Comments:</b> Samples were taken approximately 250 feet upstream from the Boise River. The presence of detergents exceeds benchmark values.				
<b>Structural Condition</b>	Good				
<b>Sedimentation</b>	Rocky bottom				
<b>Staining</b>	None				
<b>Odor</b>	None				
<b>Vegetation</b>	Typical				
<b>Floatables (Not Trash)</b>	None				
<b>Trash Observed</b>	None	<b>Trash Rank</b>	--	<b>Trash Source</b>	--
<b>Flow</b>	Yes	<b>Amount</b>	Substantial	<b>Flow Rate(cfs)</b>	See flow rate data

### Flow Rate Data:

	Section 1	Section 2	Section 3	Section 4	Section 5	Section 6
<b>Velocity (ft/s)</b>	1.83	2.82	3.1	3.11	3.1	1.78
<b>Depth (ft)</b>	0.8	1.6	1.8	1.6	1.2	0.3

### Results:

Temp (C)	DO (mg/L)	pH (S.U.)	Cond (uS/cm)	Chlorine	Copper	Phenols	Turbidity (NTU)
14.25	8.73	8.01	58.57	<0.01	<0.01	<0.01	2.66

E.Coli (MPN)	TSS (mg/L)	ORP (mg/L)	Total P (mg/L)	Detergents (mg/L)
29.2	3.63	0.0103	0.0181	0.01

<b>Illicit Discharge?</b>	Unlikely
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**Photo 1:** Cross section where measurements and samples were collected.