

Outfall Inspection Summary

Outfall Name: Drain E

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

Flow Rate Data:

	Section 1	Section 2	Section 3	Section 4	Section 5	Section 6
Velocity (ft/s)	1.83	2.82	3.1	3.11	3.1	1.78
Depth (ft)	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

Illicit Discharge?	Unlikely
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Photo 1: Cross section where measurements and samples were collected.