



CASE STUDY



2018

Before and After Using **BiocharPEAT™**

Customer is a Metal Fabricator in Vancouver WA

All Test Results are in µg/L

BEFORE MEDIA TREATMENT:

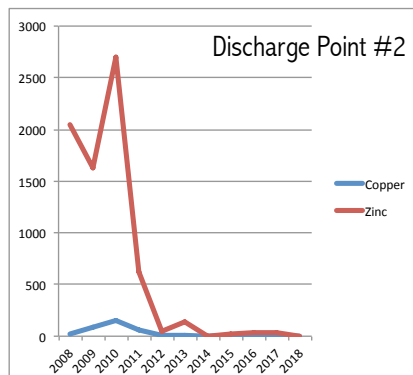
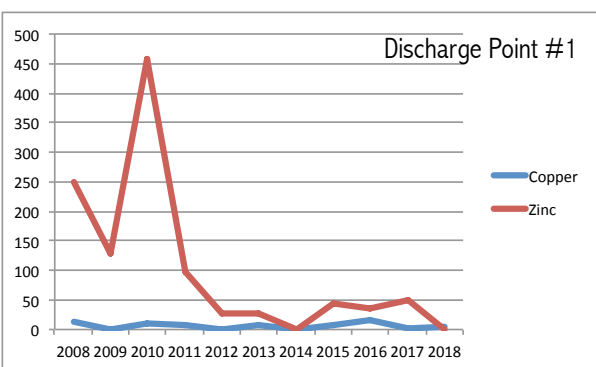
2008 Average Results	Discharge Point #1: Copper 13.8 µg/L	Zinc 250 µg/L
	Discharge Point #2: Copper 17.3 µg/L	Zinc 2040.3 µg/L
2009 Average Results	Discharge Point #1: Copper No Test	Zinc 127.6 µg/L
	Discharge Point #2: Copper 82 µg/L	Zinc 1626 µg/L
2010 Average Results	Discharge Point #1: Copper 10.7 µg/L	Zinc 459 µg/L
	Discharge Point #2: Copper 155 µg/L	Zinc 2706 µg/L

AFTER STARTING USE OF FIRST GENERATION Biochar Filtration Media

2011 Average Results	Discharge Point #1: Copper 7 µg/L	Zinc 98 µg/L
	Discharge Point #2: Copper 56 µg/L	Zinc 620 µg/L

AFTER TREATMENT with BiocharPEAT™ Filtration Media

2012 Average Results	Discharge Point #1: Copper No Test	Zinc 26 µg/L
	Discharge Point #2: Copper 6.9 µg/L	Zinc 50 µg/L
2013 Average Results	Discharge Point #1: Copper 8 µg/L	Zinc 26 µg/L
	Discharge Point #2: Copper 13.7 µg/L	Zinc 134 µg/L
2014 Average Results	Discharge Point #1: Copper & Zinc Consistent Attainment (CA No Test)	
	Discharge Point #2: Copper & Zinc Consistent Attainment (CA No Test)	
2015 Average Results <i>New Permit</i>	Discharge Point #1: Copper 7 µg/L	Zinc 43 µg/L
	Discharge Point #2: Copper 4 µg/L	Zinc 24 µg/L
2016 Average Results	Discharge Point #1: Copper 16.5 µg/L	Zinc 34.5 µg/L
	Discharge Point #2: Copper 7.4 µg/L	Zinc 31.5 µg/L
2017 Average Results	Discharge Point #1: Copper 0.73 µg/L	Zinc 51 µg/L
	Discharge Point #2: Copper 4.6 µg/L	Zinc 37 µg/L
2018 Results to Date	Discharge Point #1: Copper 4.1 µg/L	Zinc (CA No Test)
	Discharge Point #2: Copper (CA No Test)	Zinc (CA No Test)



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Simple • Proven • Effective

**THE RIGHT BIOCHAR,
THE RIGHT BLEND, DIALED IN.™**

