ePaint

Eco-Friendly Bottom Paints

ePaint Company's mission is to develop and market paints that are non-toxic to humans and safer for our environment.

ePaint
Eco-Friendly Bottom Paints

How ePaint's Work

*** Photoactive Antifouling Technology**

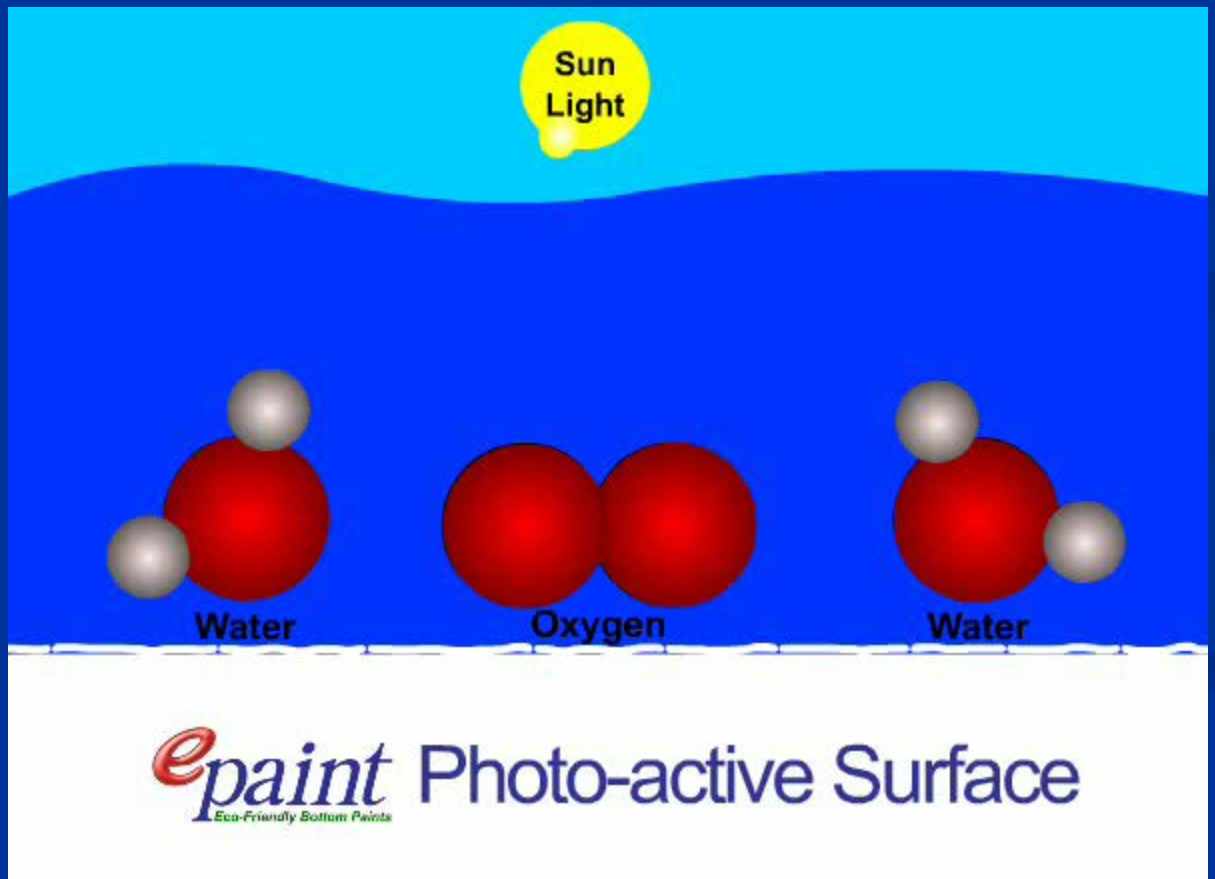
*** Environmentally Preferred Biocides (Antifoulants Only)**

Photo-active Technology

* Sunlight + H_2O + O_2 + ePaint Surface = H_2O_2

* Minute levels of H_2O_2 deter the settling of shell type larvae

* H_2O_2 rapidly degrade once washed form hull (seconds)



ePaint
Eco-Friendly Bottom Paints

Photoactive Antifouling Technology

- **Patented technology found only in ePaints***
- **Hydrogen peroxide is generated from sunlight, water and oxygen, blanketing the boat hull**
- **Hydrogen peroxide deters the settling of shell organism larvae, (i.e. barnacles, mussels)**

***U.S. Patents 5,916,947 & 6,063,849**

ePaint
Eco-Friendly Bottom Paints

Booster Biocides (Antifoulants)

- **ePaint uses only biocides that do not persist**
  - **ePaint antifouling paints are formulated with ZINC OMADINE & SEA NINE 211N**

ePaint
Eco-Friendly Bottom Paints

Booster Biocides (Antifoulants)

ZINC OMADINE

(AKA Zinc Pyrithione)

- **Excellent algaecide for preventing soft growth**
- **Approved for multiple uses by the EPA and FDA**
- **Formulated at 4.8% by weight in ePaint's**
- **Dandruff shampoo active for 30 years**
- **Short half life, ~12 hours**

ePaint
Eco-Friendly Bottom Paints

Booster Biocides (Antifoulants)

SEA NINE 211N

(AKA 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one)

- Broad spectrum biocide – effectively prevents both soft and hard shell-type biological growth
- Formulated at 2.9% by weight in ePaint's
- Winner of the first Presidential Green Chemistry Challenge Award by the U.S. Environmental Protection Agency
- Extremely short half life, ~ 4 hours

ePaint
Eco-Friendly Bottom Paints

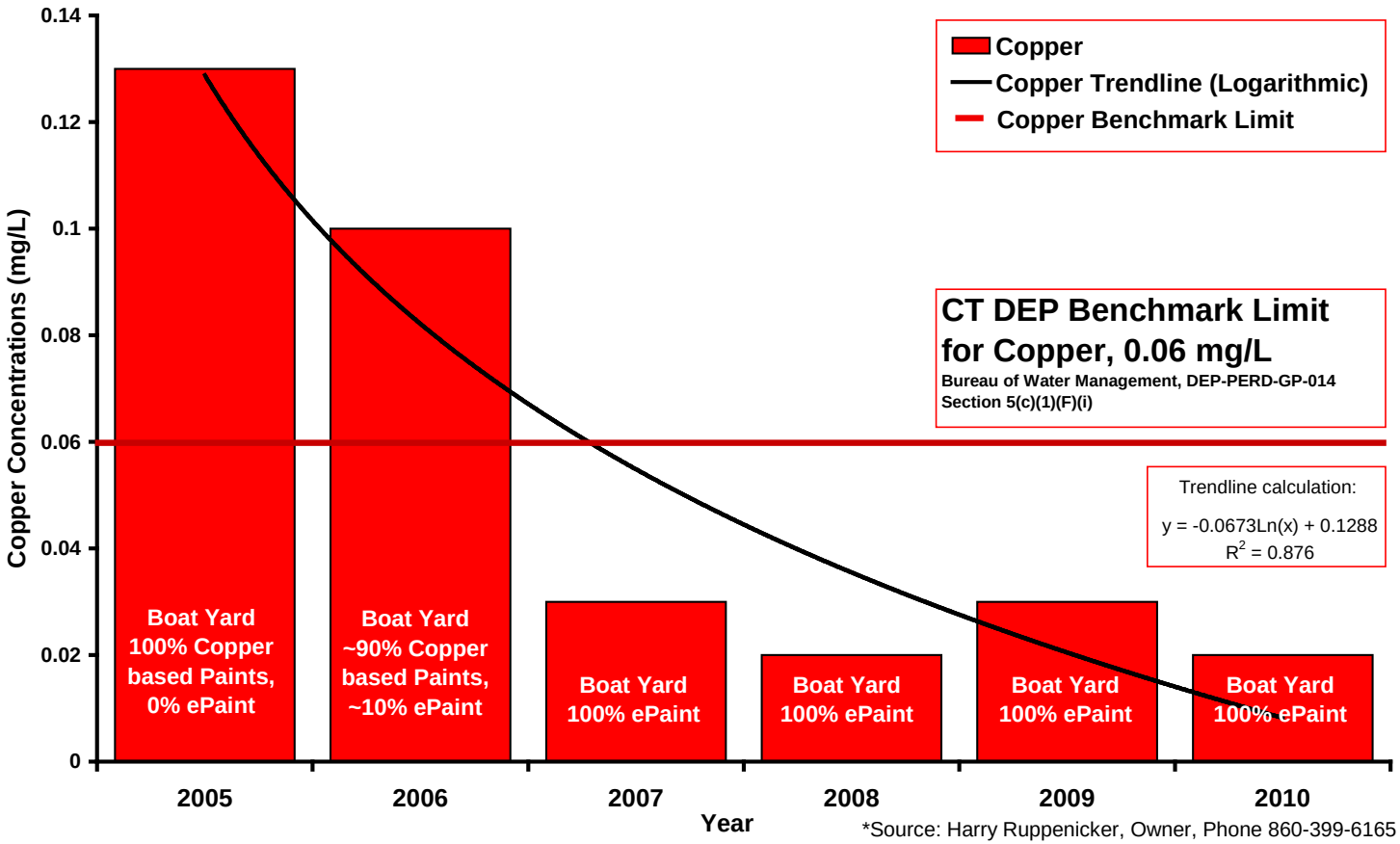
How can ePaint Help Boatyards, Marinas and Yacht Clubs?

- **Reduce Environmental Liability / Impact**
- **Reduce Stormwater Collection and Testing**
- **BMP Towards Clean Marina Certification**
- **Potentially Eliminate Need for Expensive Wash Water Treatment Infrastructure**

ePaint
Eco-Friendly Bottom Paints

Reduced Environmental Liability / Impact

Storm Water Monitoring of Copper Concentrations at Harry's Marine Repair, Westbrook, CT (Patchogue River Basin), Test Method SM3111B, Testing by KB Analytical, LLC*

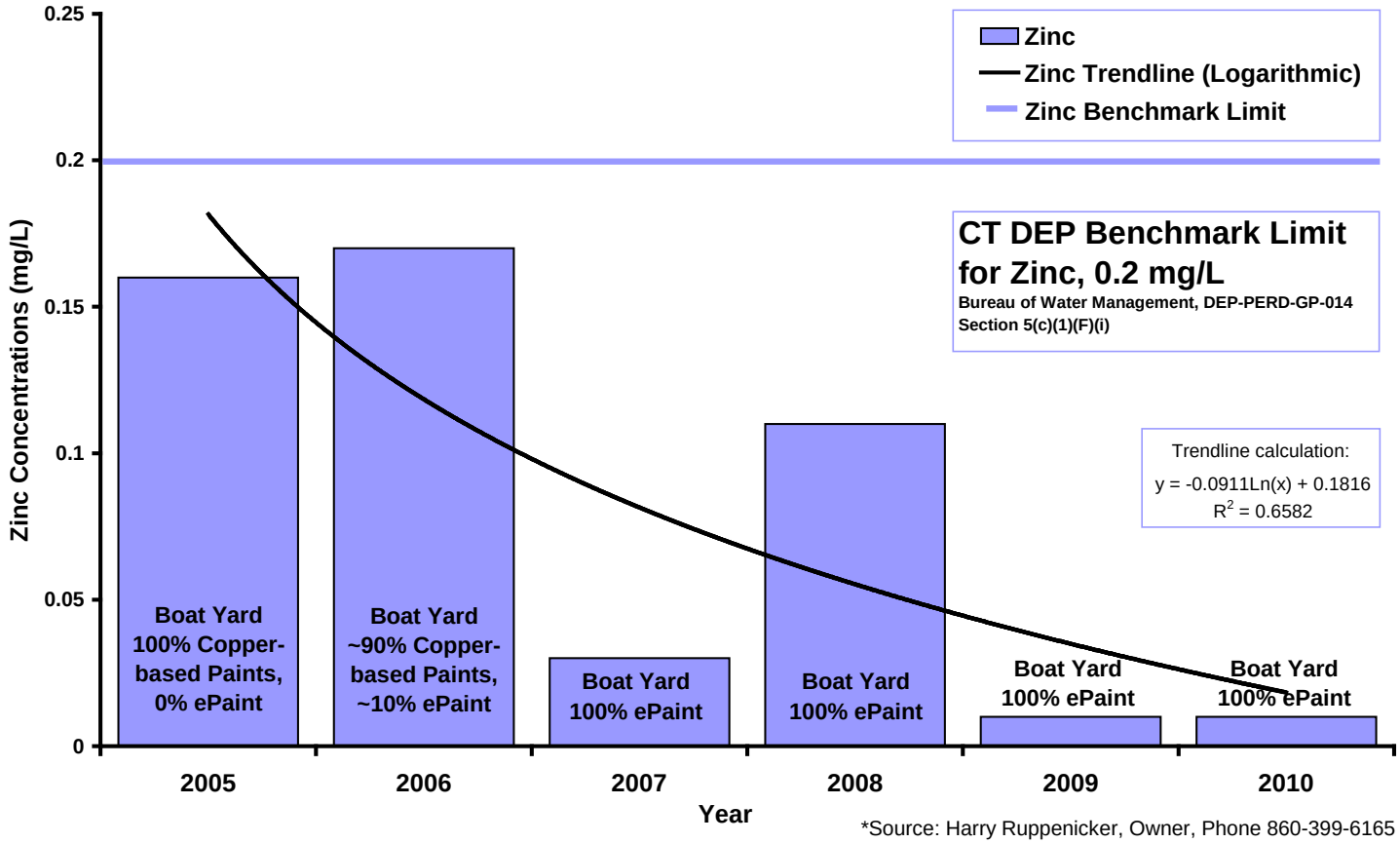


*Source: Harry Ruppenicker, Owner, Phone 860-399-6165

ePaint
Eco-Friendly Bottom Paints

Reduced Environmental Liability / Impact

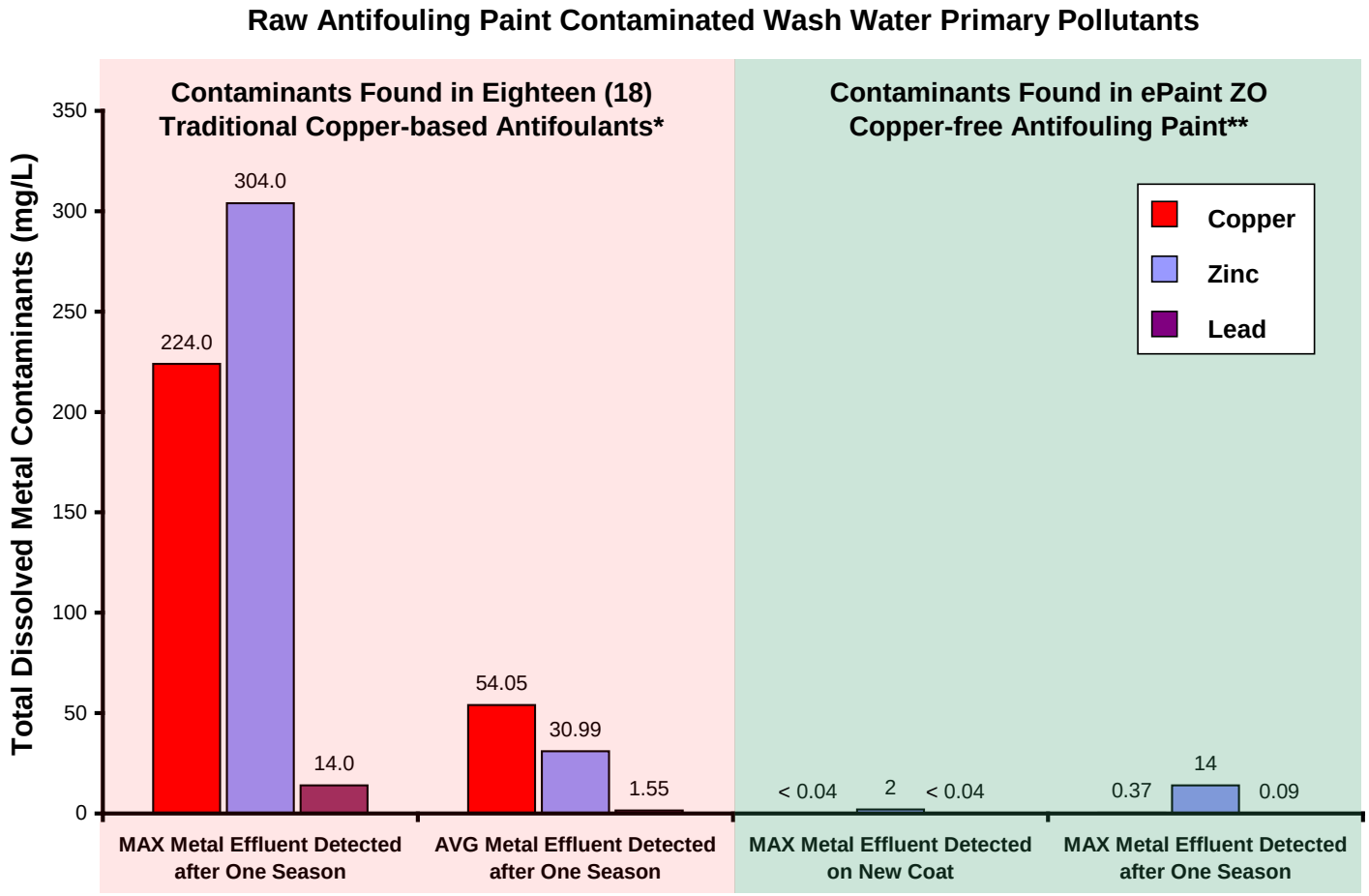
Storm Water Monitoring of Zinc Concentrations at Harry's Marine Repair, Westbrook, CT (Patchogue River Basin), Test Method SM3111B, Testing by KB Analytical, LLC*



*Source: Harry Ruppenicker, Owner, Phone 860-399-6165

ePaint
Eco-Friendly Bottom Paints

Reduced Environmental Liability / Impact



* ME DEP, Maine General Permit - *Antifouling Paint Contaminated Vessel Wash Water*, MEPDES Permit #MEG170000, Oct 7, 2009

** Tested by CT DEP, location Harry's Marine Repair, Westbrook, CT, April 20, 2010

ePaint
Eco-Friendly Bottom Paints

BMP Towards Clean Marina Certification

- Copper-free paint one step toward becoming a certified clean marina
- Improve boatyard image to attract customers
- Once certified, impose environmental fee to generate additional revenue

epaint
Eco-Friendly Bottom Paints

ZINC OMADINE Based Antifoulants

ZO

ZO^{HP}

EP-2000

ECOMINDER®

epaint

Eco-Friendly Bottom Paints

SEA NINE 211N Based Antifoulants

SN-1

SN-1^{HP}

epaint

Eco-Friendly Bottom Paints

FOUL RELEASE COATINGS (BIOCIDE FREE)

EP-21

EP-21
Aerosol

SUNWAVE®

ePaint
Eco-Friendly Bottom Paints

Questions?