



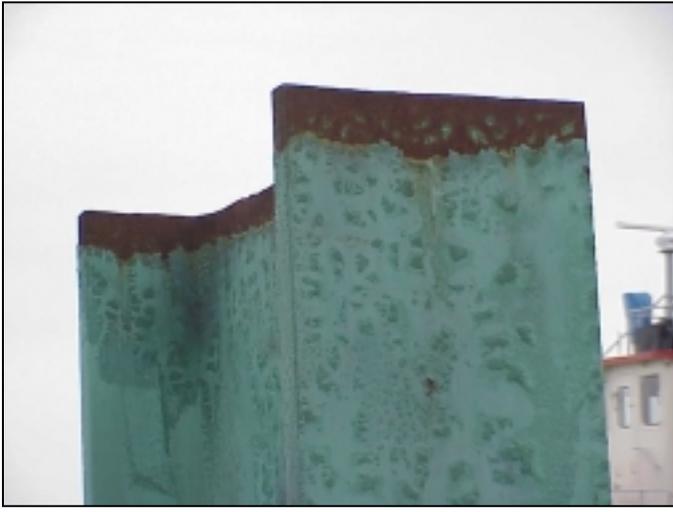
2003 Installed piles consist of 3 coated with fusion bond epoxy (Green), 3 coated with coal tar epoxy (Black), and 4 uncoated piles.



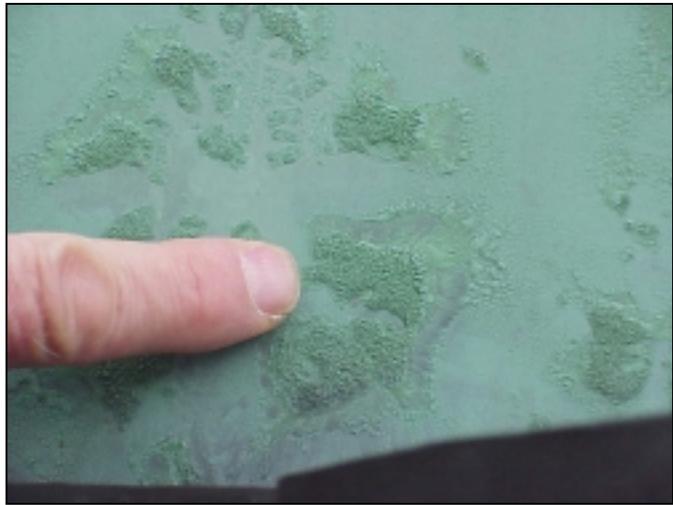
2003 Fusion bond piles have more marine growth than either coal tar epoxy coated or uncoated piles.



2003 Approximately a 1mm (1/16 inch) layer of mill scale and rust is delaminating from the surface of the uncoated piles.



2003 Coal tar epoxy repair on top of all piles is in excellent condition. Fusion bond epoxy repair on some piles is crawling indicating improper mixing or cure.



2003 Fusion bond repair on some piles appears properly cured but is not stopping corrosion. Thickness measurements were not taken.



2003 Fusion bond epoxy was shattered by bolts used to attach rubber bumpers. Loss of adhesion extends well beyond bolt. This type of failure is not noted on the piles coated with coal tar epoxy.



2003 Some metal loss is taking place where the fusion bond epoxy was damaged.