

Cave Restoration Techniques

Slow and Steady , Safe and Sure

What You Will Learn

- Graffiti Removal
What – When – How
- Cleaning Formations
- Repairing Broken Formations
- Discussion of Success Stories

Graffiti Removal

- What Should be Removed ?
 - Laws 100 years / 50 years ?
 - Document Content, Style, Media
 - When in Doubt - Leave it. It can always be removed later, after determination

Graffiti Removal

Tools and Techniques

- Sand Blasters
- Scrub Brushes
 - Nylon or Stainless Steel
 - Avoid Brass, Steel, or Natural Fiber
 - Rotary Brushes
 - Scrub Gently

Graffiti Removal Tools and Techniques

- Water Sprayers
 - Hand-Held Spray Bottles
 - Garden Sprayers
 - Bladder Bags
 - Gravity Feed Systems

Graffiti Removal Tools and Techniques

- Where to Get the Water ?
 - Common Sense Approach
 - Clean Fresh Water - NO Chemicals
 - Cave Water From Renewable Sources
 - Collect Water – Filter & Reuse

Cleaning Formations

- Use Clean Water Sources
- Capture and Dispose of Runoff
- Watch for Biologic, Mineralogic, and Cultural Resources
- Use common Sense around Delicate Formations

Mold Removal

- Equipment
 - Ziplock bags
 - Antimicrobial Wipes
 - Disposable Gloves
 - Surgical Masks
- Work Gently to avoid spore dispersal

Formation Repair

- Ask Questions
 - Is it a Natural Break?
 - Do the pieces Fit?
 - Is it Safe for Workers & other Formations?
- Document with Photos and Text
- Use Cave-Safe Epoxies
 - Epon 828 with Versamid
 - Epi-cure 3234 (TETA)
- Use Stainless Steel rods, pins, wire

Buy The Book

Go Out and Make It
Beautiful

