

clean waterfront

testing starter kit



site specific | independent | interdisciplinary

TECHBlue Center
Waterfront Solutions

www.cleanwaterfront.net

The TECHBlue Process

As marina professionals we have a very specific duty when analyzing construction activity --- that of insuring careful stewardship of the waterfront. In most cases maintaining a site which is "water usage neutral" is only a beginning. Encouraging a clean footprint as a focus, we are dedicated to *developing sites for recreational boating use which improve our local waterways.*

The process is voluntary, independent, and inter-disciplinary

Methods

Plan-Do-Check-Act (PDCA) is the planning methodology used by the International Standards Organization. TECHBlue Center procedures and recommended Action Plans reflect ISO guidelines. Other source guides include:

- Best Management Practices from state Clean Marina programs and construction industry associations
- EPA Performance Tracking
- Green building checklists for LEED and Green Globes designations.
- Evidence based design and value engineering criteria.
- MasterSpec and AIA specification outlines



Resource Clearing House

We develop resources for marina developers and waterfront professionals to help implement effective clean marina and sustainable building practices.

www.cleanwaterfront.net

www.marinaREF.org

[boatyardREF](#)

[dockREF](#)

[drystackREF](#)



Testing

Many products are not what they claim to be. TECHBlue collaborates with educators, scientists, utility professionals and testing resources to help you investigate specifications and product performance.

Clean Marinas

The market focus of our work is toward clean marina development throughout the U.S. We welcome other waterfront properties, large and small, to join our efforts and share our research.

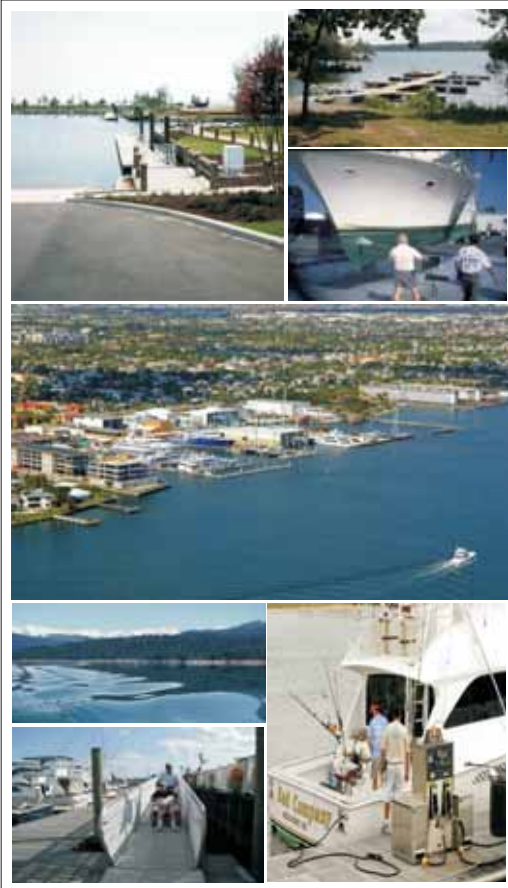
A Total Site Approach

Each site has a different set of environmental circumstances. TECHBlue professionals review the impact of the total waterfront site. In most cases, engineering studies are not necessary to begin. Marked improvement can happen with company commitment and a site assessment checklist.

Funding

TECHBlue understands cost effective project management. Realizing long term savings from a sustainable design may not be enough to justify front-end expenses. Use our resources to investigate funding opportunities and incentives which help justify initial cost decisions.

Clean Water • Clean Marinas • Learning Laboratories



**Your Marina Site –
A Waterfront Learning Laboratory**



We'll help you get started –

- Manufacturer Incentives
- Facilitators and Probono Services
- No Brainers for the Waterfront
- Independent Research Libraries
- Networking
- Planning Tools

www.cleanwaterfront.net

Clean Marina Sites

2008 is the 10th year anniversary of Clean Marina programs. Review the marina industry and clean marina summaries.

Commitment

Become committed to waterfront initiatives. Form an environmental team. Review what industry leaders are doing. Make a statement.

Procurement

Review your sustainable purchasing policies and those of suppliers, vendors and manufacturers. Investigate cost effective solutions to responsible procurement.

Operations

Waterfront businesses can implement management practices with user-friendly software and data forms which streamline operations --- without undo cost and paperwork.

Regulations

Regulations are many and constantly changing. Good record keeping, awareness training and monitoring make conformance easier.

Environmental Footprint

Reduce environmental impact. Plan a water neutral site. Renovate with tested components. Inspect and audit marina structures.

Community Outreach

Fishing tournaments, boat shows and Marina Day are perfect opportunities to show your good stewardship. Become a Waterfront Learning Laboratory.

Partnerships

Marina professionals together with educators, researchers, local utilities, nonprofits and regulatory agencies can develop clean waterfront initiatives as one.



Contact

Dale Gilbert
P.O. Box 3594
Ponte Vedra, FL 32004
Phone: 904-292-9444
www.cleanwaterfront.net

Testing

TECHBlue can provide procedures and resources for a number of testing platforms. Testing priorities are focused toward products with the most significant impact on waterfront construction. Testing facilities are *open to all companies with clean water and clean waterfront goals.*

Independent, Industry Specific, Site Specific

OnSite Capabilities

The TECHBlue Center

- boat washdown and roof runoff sites
- water retention study areas
- dock modules
- shoreline and in-water anchoring techniques
- green building construction techniques

Fresh Water – Salt Water – Brackish Water

Testing models for a number of water and localized site conditions are available.

Waterfront Site Specific

Waterfront Learning Laboratories are specific clean marina site locations available to investigate a total system approach to project planning.

Education and University Collaboration

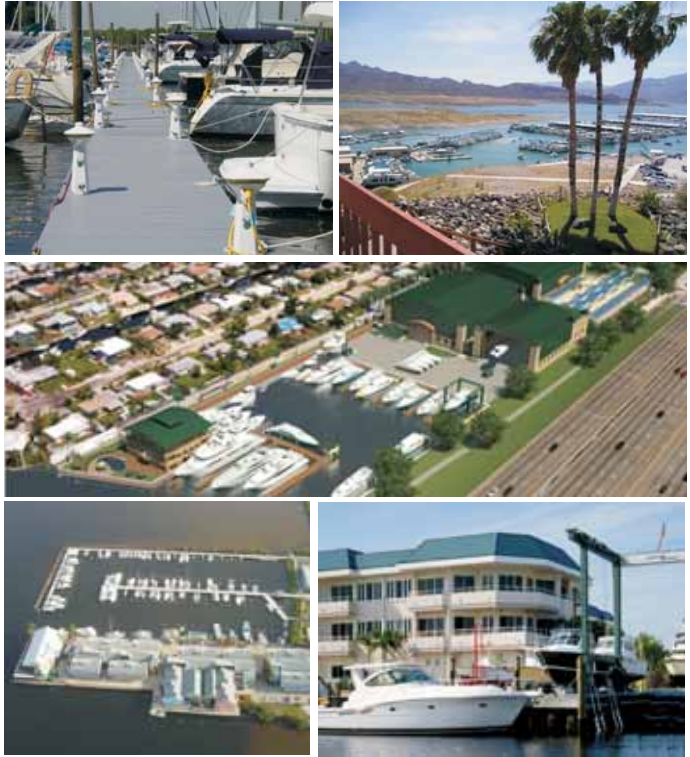
TECHBlue provides learning and study templates for education and teaching. We encourage workshops and study projects with trade associations and educators.

Engineering – Science – Technical Expertise

A networks of waterfront professionals working within construction and site development fields use TECHBlue exclusive resources.

Green / Blue / Sustainable

TECHBlue environmental management priorities include clean water and providing resources for an eco-balance at waterfront development projects.



Certifications

Not all products maintain certifications. TECHBlue provides a review:

- what's available, versus what's required
- site specific versus best practice
- necessary versus cost effective

Results & Monitoring

Displays, publications and workshops for public review. Product performance is periodically reviewed by waterfront professionals and quality control experts for warranty verification. Reporting results will show consistency of product specifications with long term benefits of a clean waterfront.

Contact

Dale Gilbert
P.O. Box 354
Ponte Vedra, FL 32004
Phone: 904-292.9444
www.cleanwaterfront.net



Clean Waterfront Testing Program

Commitment to an inter-disciplinary program using “Green” certifications, Clean Marina guidelines, EPA Energy Tracking, trade industry best management practices, local utility audits, ISO 9000 and 14001 principals. Participating professionals, manufacturers and service providers, who enlist in the program, are encouraged to show commitment to these practices.

1. Preliminary Review

- **Priorities** – owner, regulatory and resource conservation requirements. *Make note that your project site or product has the potential to benefit substantially from clean waterfront technologies and enhancements.*
- **General Possibilities** – income, funding, sustainability, conservation
- **Prospective Budgets** – phasing, proforma, production markets, industry introduction

2. Resource Review (Free)

Offer a professional library of resources for waterfront professionals and all parties associated with Product analysis. We encourage you to educate yourself and your organization. Additional professional studies, analysis and research may be available, specific to your site or project.

3. Detailed Product Review (Blue Company Contract)

Conduct a detailed product review prior to assigning any development team. This is a research & development planning analysis which will:

- **Confirm**, for the Alliance team, that your product has potential to benefit from the program.
- **Outline potential problem areas** with respect to waterfront construction, installation, freight, energy use and clean water conservation.
- **Prepare plans & funding data** as a market opportunity and Solicitation Package.

4. Market Programs (Plan Implementation Contracts)

Should you choose to continue with an Action Plan, past the detailed survey, we will take an active approach in the full development of your waterfront sustainable product

5. Quality Control (Assurances)

"Quality" means confidence in following the planned policy guidelines to achieve the highest standard for your product application and protecting our natural resources. Procedures, specifications, product certifications and warranty histories are continually noted.

6. Cost

ROI Rules – The Alliance Team implements with cost effective, sustainable management procedures. Realizing long term savings from a sustainable plan may not be enough to justify your initial expenses. Your return on investment rules the decision making process.



Please Join A Clean Waterfront Initiative Near You



Contact

Dale Gilbert
P.O. Box 354
Ponte Vedra, FL 32004
Phone: 904.292.9444
www.cleanwaterfront.net