SOLVING THE SEDIMENT DILEMMA: SUCCESSFUL CONSTRUCTION SITE OUTREACH TO A DIFFICULT AUDIENCE

Thomas B. Lawrence

PE (CA, IL, TN)

Water Quality Matters!

Agencies are working on this...





...not this.

CONSTRUCTION EDUCATION ACTIVITIES

- State and MS4 Erosion Prevention and Sediment Control (EPSC) Training
- Review of Engineering EPSC Plans
- On-site Discussions with Developers and Site Construction Superintendents During Enforcement Visits
- Storm Water Conferences
- IECA Training

RESULTS!!!

- Site superintendents know!
- Developers know!
- Engineers know!

Everyone seems to know about the need for EPSC, so why are there still problems?

WHO'S TO BLAME?



- × Kids?
- * Homeless?
- * Unusually severe weather?
- × Vandalism?

SUBCONTRACTORS?

- * Plumbers
- Brick Layers
- Drywall installers
- Electricians
- × Roofers

AUDIENCE

- Construction Managers
- × On-Site Personnel
- Developers
- **×** EPSC Inspectors
- × Subcontractors

SUBCONTRACTOR ISSUES

Have a short duration at the site, only during their specific phase.

Usually don't feel the impact of fines and the enforcement process.

Often at the site when no one else is.







CITY OF MEMPHIS STORM WATER PROGRAM (901) 576-6721



SILT FENCE with wire backing wrapped completely around METAL STAKES and wood frame

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6-72 INLET

CONCRETE BLOCKS

Depending on actual site conditions, it may

the inlet protection by

adding another row of

concrete blocks to

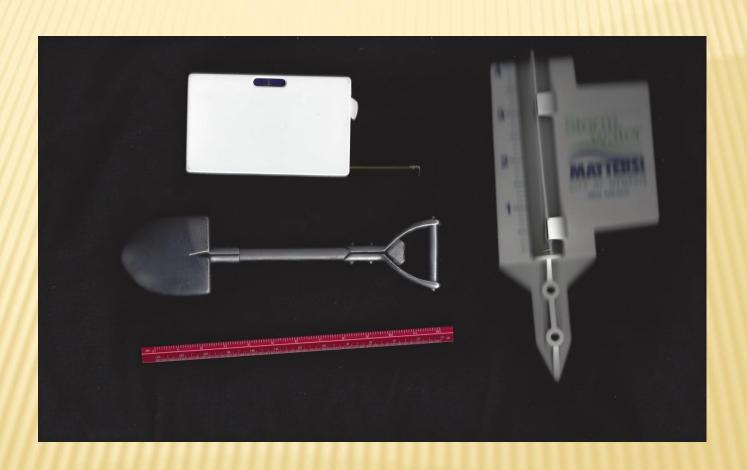
provide adequate treatment capacity.

be necessary to increase the height of

CONSTRUCTION SITE TOWELS



CONSTRUCTION SITE GIVEAWAYS



CONSTRUCTION SITE MEETING



CONSTRUCTION SITE MEETING SPEAKING POINTS

Main points to emphasize:

- + Recognize EPSC Devices
- + Do not damage EPSC
- Report missing and damaged EPSC
- + Prevent or report any pollution, such as oil spills

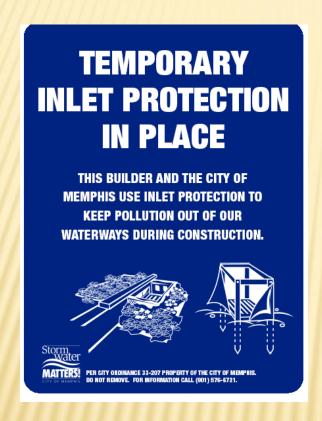
CONSTRUCTION SITE MEETING



LUNCH MEETING

- Arrange in advance with project superintendent.
- Have preset lunch choices at a nearby location.
- Conduct EPSC presentation of 20 to 30 minutes.
- Do in conjunction with other outreach approaches.

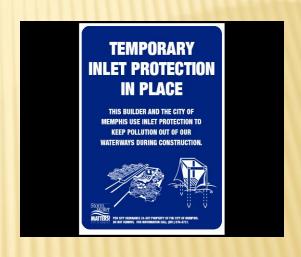
EPSC SIGNS





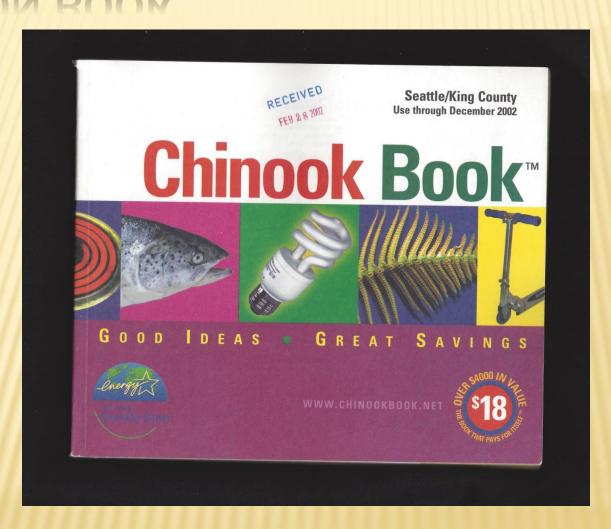
EPSC SIGNS

A developer said that the inlet protection around the inlets is worrisome to new home buyers, because they do not understand that it is temporary, so signs were developed to explain this and to remind on-site workers.





COUPON BOOK



MUDDY WATER BLUES!

Contractors were told to install EPSC measures, but many had not seen it done properly!

Partnered with IECA to host EPSC Field Days.



ENFORCEMENT

- Send "Nice Guy" letters to all sites visited. Keep track of projects by developer, so that they can be reminded that they have been contacted before, even if it was by a different inspector.
- Send "Notice of Inspection" letter to sites visited to point out that they looked good, which also reminded them to maintain EPSCs.

PRESS RELEASE

Interviewed one contractor building at a very visible location who did a great job and sent out a press release noting that the EPSC measures were good on that project.

RESULTS!

Achieved compliance throughout the City.

EPSC measures were installed at the beginning of the project work.

EPSC measures were installed correctly.

Hard to find a (seriously) non-compliant site.

THOMAS B. LAWRENCE, PE

901-237-4819

BUS@THECAVE.COM