

## A Short Course on Choosing a visual leak detection product

operator notes

### Choosing the Product Form

Overall Ease of Use	Detection Method			Water Volume (Gallons)		
	Visual	UV	Fluorometer*	Small 0-20,000	Medium 20-50,000	Large 50,000+
<b>TABLETS</b>						
Excellent	Excellent	Excellent	Fair	•	•	
<b>LIQUIDS</b>						
Very Good	Excellent	Excellent	Excellent	•	•	•
<b>POWDERS</b>						
Good	Very Good	Very Good	Good			•
<b>WAX</b>						
Very Good	Very Good	Good	Poor		•	

\*Applies only to Fluorescent FWT Red and FLT Yellow/Green.

### Choosing the Product Color

- Choice of color should be based on contrast to the background color of the water body. For instance, FWT Red offers greater contrast to heavy concentrations of green algae.
- Fluorescent FWT Red and FLT Yellow/Green have greater apparent contrast than Non-Fluorescent Blue.
- For Fluorometric tests use Fluorescent FWT Red 200; it is more easily detected by fluorometric equipment.
- FLT Yellow/Green disappears in sunlight more rapidly than Red or Blue.
- All colors are resistant to absorption of suspended matter.
- Blue is frequently used for decorative effects, evaluation of household systems, and where the blue may be more acceptable to public view.

### Need an SDS?

Go to [usabluebook.com](http://usabluebook.com) and look up the product you're interested in. You can download the SDS directly from the product page.

**USA BlueBook** BRAND PRODUCTS

YOUR BEST VALUE!



### USA BlueBook Sewer Tracing Dyes

- Biodegradable, non-polluting
- Fluorescent colors
- Liquid or powder

USA BlueBook sewer tracing dyes are specially formulated for sewer flow studies, infiltration or pollution investigation. When used at the proper dilutions, they are biodegradable, non-toxic and harmless to wildlife. Sewer dyes will not affect the operation of sewer treatment plants. Both red and yellow-green are highly visible, and in low light situations, the fluorescent properties are visible under ultraviolet light. To impart a vibrant, visible color, use 1 to 2 gallons of liquid dye for 12,000 gallons of water. Use 1 to 2 lbs of powder for 14,000 gallons of water.

**Note:** Not intended for potable water testing.

DESCRIPTION	FLUORESCENT YELLOW-GREEN		FLUORESCENT RED	
	STOCK #	EACH	STOCK #	EACH
Liquid, 5 Gallons	48152*	\$	48153*	\$
Liquid, Case of 4 Gallons	48154		48151	
Liquid, Case of 18 Pints	48193		48195	
Powder, Case of Four 1-lb Jars	48189		48187	

\*Shipping: Additional handling fees apply. Quantities of 7+ ship motor freight.

**NEW!**



Mini UV Light



E/12 Series UV Light

### Handheld UV Lights

- Battery-operated, portable and lightweight

These handheld UV lights are perfect for illuminating fluorescent dye in low-light applications. Choose from two models.

**E/12 Series UV lights** feature corrosion-resistant specular-aluminum reflectors that deliver the most powerful UV output in their class. Unique LONGLIFE™ filter glass provides higher UV intensity. Requires rechargeable battery pack (sold separately below).

**Mini UV lights** are compact and economical. Nylon wrist strap prevents dropping. Requires four AA alkaline batteries (sold separately below).

DESCRIPTION	STOCK #	EACH
<b>E/12 SERIES UV LIGHT &amp; ACCESSORIES</b>		
E/12 Series UV Light	85916	\$
Battery Pack for E/12 Series UV Light (Required)	85917	
Replacement Bulb for E/12 Series UV Light	48595	
<b>MINI UV LIGHT &amp; ACCESSORIES</b>		
Mini UV Light	85918	\$
Duracell® Coppertop Batteries, AA, Pack of 8	63187	
Replacement Bulb for Mini UV Light	85919	

See pages 285-292 for **Inflow & Infiltration Products.**

