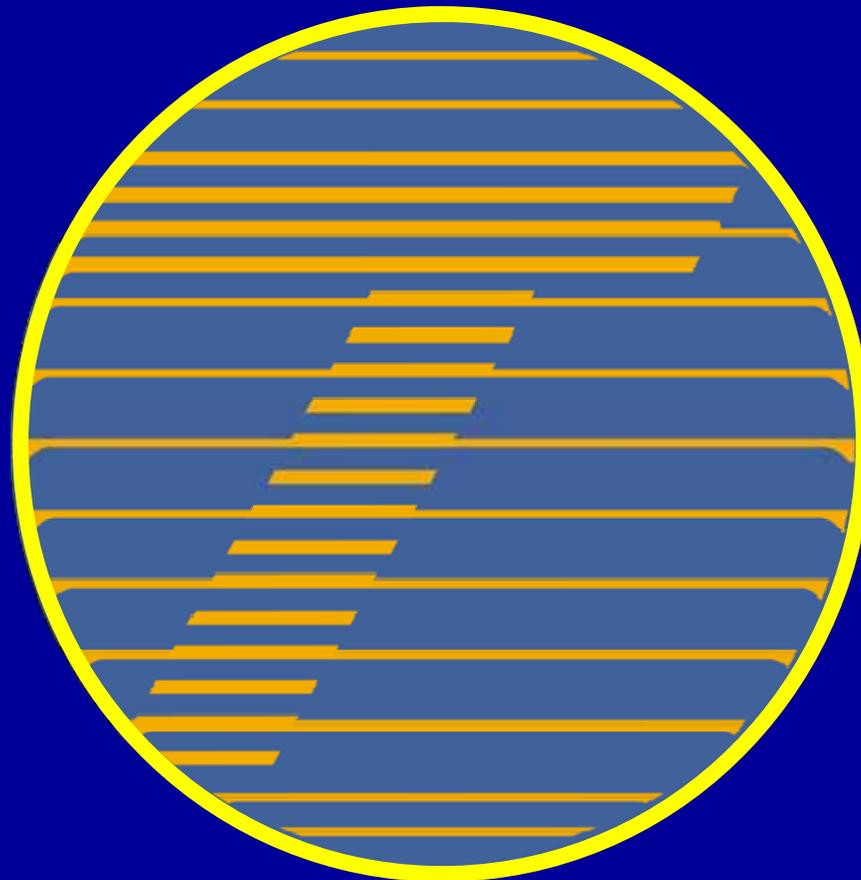


NEW YORK STATE
DEPARTMENT OF TRANSPORTATION





Catch Basin/Storm Drain Cleaning and Maintenance

Timothy Baker
NYSDOT

Maintenance Environmental Coordinator

Types of Catch Basins

- Hand Laid Brick
 - Concrete – Precast and Poured in Place
 - Poly
 - Steel
-
- Catch it before it gets to the environment!

Hand Laid Brick



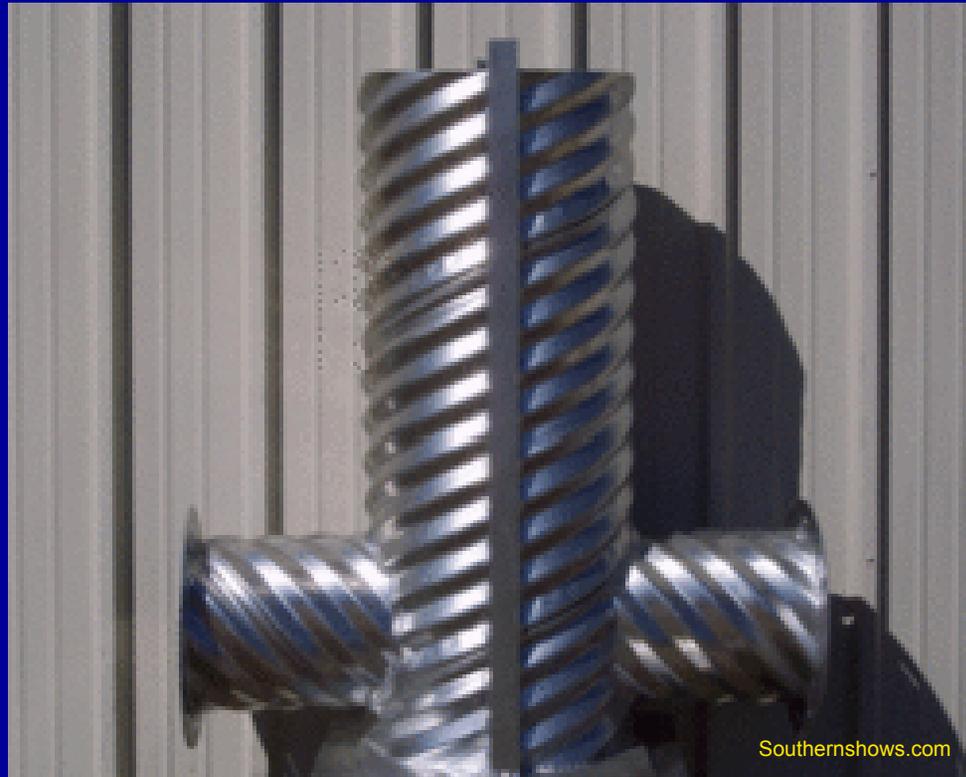
Concrete



Poly



Steel





Plugged







Lake County Stormwater Management Dept.

Plants in Grates





Steve Kokkoris - NYSDOT



Steve Kokkoris - NYSDOT









car-accidents.com

daylife.com/photo



NEED
VS
TIME

Single vs Multiple Units

Cost Comparison for Cleaning

- Structure vs Outlet area

Methods of Cleaning

- Manual Labor
- Grapple (clam) Bucket
- Vacuum Truck

Manual Labor







Jamie Arnold - NYSDOT

Uncontaminated Disposal

- Normally disposed of as C&D spoil
- Not considered contaminated unless it smells like petroleum or other wastes.

Contaminated Disposal

- Call DEC Spills (800) 457-7362
- Requires municipal/commercial disposal facility
- Depends on what is contaminating it

Solids vs Liquids

Solids vs Liquids



Roll-off and Frac Tank



Cautions

- Repairing Brick
- Workzones



Causes of our Drainage Headaches

- Traffic/Equipment entering roads
- Untarped Loads
- Snow and Ice Operations
 - Salt vs Sand