



Poor silt check installation. Straw bales are not approved as silt checks for ditch or channel applications due to rotting, installation difficulties, and high failure potential.

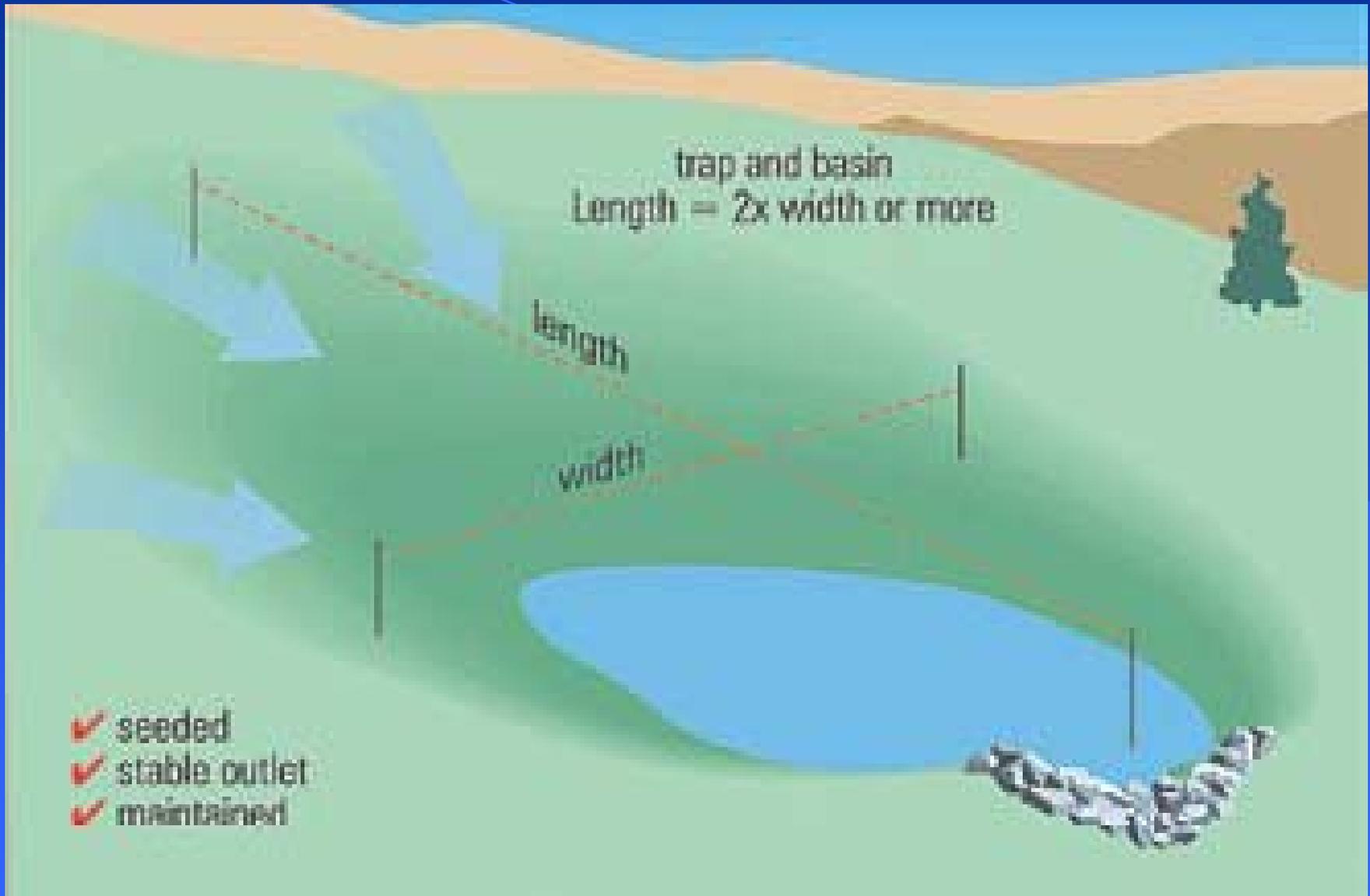
Installing Sediment Traps and Basins

trap and basin
Length = 2x width or more

length

width

- ✓ seeded
- ✓ stable outlet
- ✓ maintained





Sediment basins often have pipe risers, but well-constructed rock overflow outlet notches in the dam or retaining berm are acceptable if the overflow area is protected from erosion.



Fair installation of two traps above small pond. Dikes are a little too small; placement is too close to pond. Area needs seed and mulch.



Fair sediment trap construction. Rock dike is undersized and lacks a defined overflow notch. Poor maintenance attention. Silt fence beyond rock dike is not needed—silt fence should not be used across flow channels.

*Good sediment trap
installation, but*

poor maintenance

*has caused trap to
fill and bypass to*

occur. Remove sediment

before trap is

half full. Make sure

containment dike

has an overflow

notch to control the

discharge location.



*Good trap
location; needs
cleaning out.
Trap might be
too small for
area drained.*

*Very good channel
protection,
seeding, and
mulching.*





Fair to poor trap installation. Dike overflow notch is too deep; basin is too small. No seed or mulch covering bare soil areas.



Poor sediment trap construction. Dike is poorly built, without an overflow

notch. Placement is too close to pond. No seeding or mulching evident in drainage area.



Cement wash water going to storm drain



Cement wash water draining to State waters



Turbid plume caused by cement wash water







non-functional silt fence





non-functional (unanchored) silt fence









Inadequate silt fence







BEFORE 



BEFORE





BEFORE 

**Gravel filter for
outlet protection**



AFTER





Gravel filter around outlet



AFTER 😊



Inadequate inlet protection





Inadequate inlet protection







Open manhole





05-10000
PU'UKO'A ST
'A'AHU ST

STOP

44 8000



silt fence



Ineffective silt fence





LET-O-MATIC
FLUSHING
TOILET

MADE IN ALABAMA SERVICE
800-271-1000

DO NOT ENTER
WOMEN ONLY
Thank You
800-271-1000

Women Only

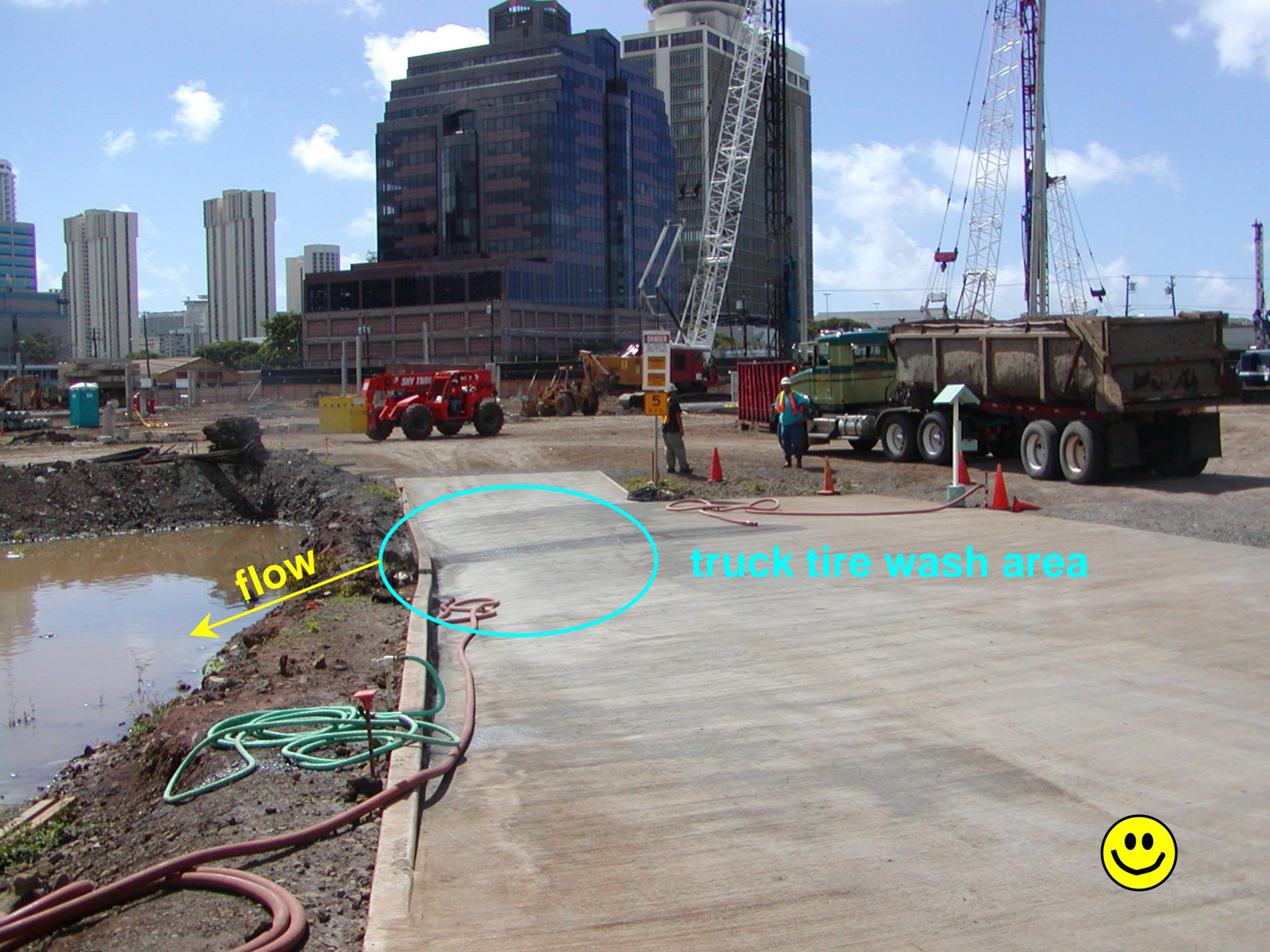
LARRY
UDDVA





containment box for oil barrels





flow



truck tire wash area

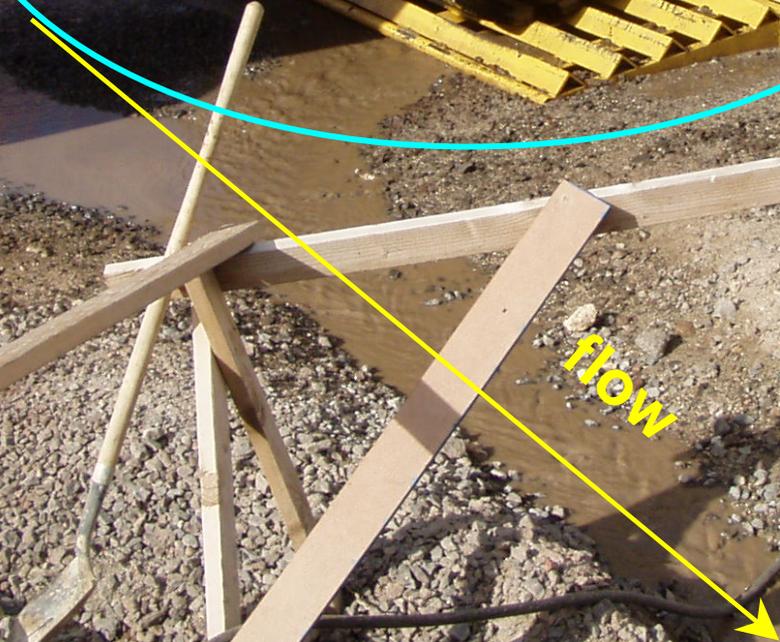




truck tire wash area



flow



Detention basin





Dewatering operation to State water



Dewatering operation to State water (cont'd)



Dewatering operation to State water (cont'd)



Discharge point of untreated dewatering effluent to State waters

Detention Basin

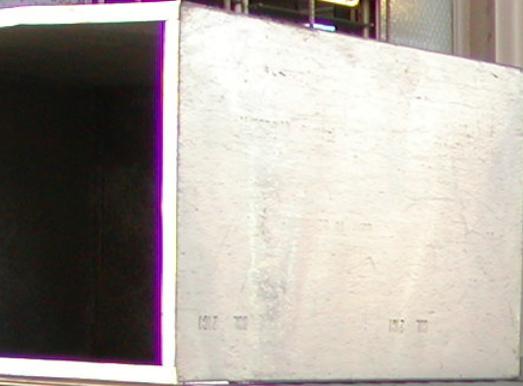




**containment of dewatering effluent
into excavated pile area**



BEFORE PLACING
ANY ITEMS IN THE
"USED OIL" HOLDING AREA,
PLEASE NOTIFY
OFFICE.







BEFORE 😞

11 2:30



AFTER





BEFORE 

17 2 08

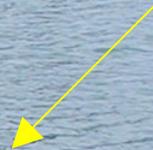


AFTER





silt curtain



silt curtain



downspout





Over-topping fuel tank





