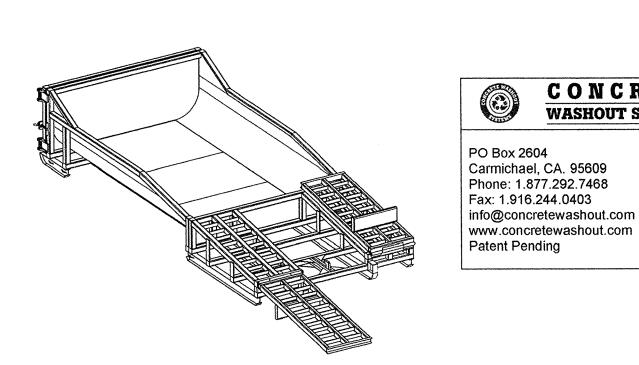


PORTABLE CONCRETE WASHOUT CONTAINER

CONCRETE

WASHOUT SYSTEMS



DESCRIPTION

A portable, self-contained and watertight container affixed with ramps that controls, captures and contains caustic concrete wastewater and washout material.

PURPOSE & OBJECTIVE

Allows trade personnel to easily washout concrete trucks, pumps and other equipment associated with cement on site and allows easy off site recycling of the same concrete materials and wastewater.

APPLICATION

Construction projects where concrete, stucco, mortar, grout and cement are used as a construction material or where cementitious wastewater is created.

MAINTENANCE

Inspect and clean out when ¾ full, not allowing the container to overflow.

Inspect wastewater level and request a vacuum if needed.

Inspect subcontractors to ensure that proper housekeeping measures are employed when washing out equipment.

SPECIFICATIONS

The container must be portable and temporary, watertight, equipped with ramps and have a holding capacity to accept washout from approximately 350 yards of poured concrete. A vacuum service must accompany washout container and be used by site superintendent as needed. A rampless container may be used in conjunction with a ramped container or by itself if a concrete pump is not needed. The washwater must be disposed of or treated and recycled in an evironmentally safe maanner and in accordance with federal, state or local regulatory guidelines.

TARGETED POLLUTANTS Caustic wastewater (high pH level near 12 units)

Assorted Metals; Chromium VI, Nickel, Sulfate, Potassium, Magnesium and Calcium Compounds

-WOOD OR PLASTIC STAKE INLET GRATE ---- SILT FENCE JOINT FILTER MATERIAL (POLYPROPYLENE OR EQUAL AS APPROVED BY THE ENGINEER) UNDISTURBED VEGETATION FENCE POSTS--INLET CASTING PLÄN VEW INLET FILTER DETAIL (S58t) GEOTEXTILE FILTER FABRIC (NOT TO SCALE) "-3" CRUSHED LIMESTONE -EXISTING PAVEMENT EXISTING GROUND FRONT VIEW -MOUNTABLE BERM (OPTIONAL) -- GEOTEXTILE FILTER FABRIC FASTENED ON UPHILL SIDE TOWARDS EARTH DISRUPTION EXISTING SILT FENCE A SILT FENCE B GROUND PLAN VIEW STABALIZED CONSTRUCTION ACCESS SECTION A-A SILT FENCE DETAIL (S51t) (NOT TO SCALE)

MAINTENANCE TASKS DURING CONSTRUCTION

Tasks	Collection	Storm Water		Scheduled		
	System	Management Basins		Frequency		
	Storm	Outlet	Storm			
	Sewer	Structure	Detention			
	System		Area			
Inspect for Sediment Accumulation	Х	Х	Х	Weekly		
Removal of Sediment Accumulation	х	х	х	As Needed ^[1] & prior to Acceptance		
Inspect during wet weather & after major storms	Х	Х	х	As Needed		
Repair Storm Damage to System and Erosion Control	Х	х	Х	As Needed		
During construction, it is the develope	er's responsik	oility to per	form the ma	intenance.		
1] As Needed means when sediment has accumulated to a maximum of one foot.						
Immediately following construction, the developer will have the storm water management						
system inspected by an engineer to	verify grades	of the dete	ntion and fil	tration areas and		

MAINTENANCE TASKS AFTER CONSTRUCTION

Tasks	Collection	Storm Water		Scheduled			
	System	Management Basin		Frequency			
	Storm	Outlet	Storm				
	Sewer	Structure	Detention				
	System		Area				
Inspect for Sediment Accumulation	Х	Х	Х	Annually ^[1]			
Removal of Sediment Accumulation	noval of Sediment Accumulation X X	х	Х	Every 2 Years As			
				Needed ^[1]			
Inspection stormwater system							
components durring wet weather and	Х	x	х	Annually			
compairing to as-built plans by							
professional engineer							
Repair Storm Damage to System	×	χ.	Х	As Needed			
and Permanent Erosion Control							
Keep records on site of all							
maintenance inspections, actions	Х	X	Х	As Needed			
and costs							
Following construction, it will be the r	esponsibility	of Atlantes	, LLC to per	form the			
maintenance.							
1] As Needed means when sediment has accumulated to a maximum of one foot.							
Atlantes, LLC is required to pay for all maintenance activities on a continuing basis.							

REVISIONS _

ANNUAL MAINTENANCE BUDGET

Item No.	Description	Annual Cost	
	Annual Inspection for sediment accumulation	\$50.00	
2	Removal of sediment accumulation every 2 years as needed	\$250.00	
3	Inspect structural elements during wet weather and compare to as-built plans every 2 years	\$150.0	
4	Make structureal adjustments or replacements as determined by inspection as needed	\$400.0	
5	Have a professional engineer carry out emergency inspections upon identification of severe problems	\$200.0	
6	Records Maintenance	\$100.0	
agadrossaddos samornos amazonos se sono	Estimated Annual Maintenance Cost	\$1,150.00	



Know what's **below**. **Call** before you dig.

WASHTENAW

-----r ---- = EXISTING STORM -----s ---- = EXISTING SANITARY -----w ---- = EXISTING WATER -:.--:-= GRAVELTC = TOP OF CURB $p^{(N)} = SPOT ELEV.$ TW = TOP OF WALL -<u>"--"-</u> = FENCE $\Rightarrow = LIGHT \ POLE \qquad ^{\circ \circ} = SPOT$ $\Rightarrow = UTILITY \ POLE \qquad ^{\circ} = POST$ $\circ = MANHOLE$ = CONCRETE $\Box = CATCHBASIN$ $\smile = END SECTION$ \triangleright = GUY ANCHOR \otimes = GATE VALVE ♥ = HYDRANT -= SIGN

BENCHMARK BM1=SOUTHEAST PROPERTY IRON, ELEV=823.99 (NAVD 88). BM2=SOUTHWEST PROPERTY IRON, ELEV=819.73 (NAVD 88).

SCALE: 1"=10'

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