RCRA RECORDS CENTER
FACILITY Pro#8 Whitney-Main St
I.D. NO. CTD990672081
FILE LOC. R-1B
OTHER RDMS # 2747

1)

Container Storage Bldg -

5 compartments totalling 1900 gallons.
1000 Barrels. 350 with liquids
some oils

Capacity per compartment?
provide calculations.
Designation of each compartment as to type of waste for compatibility determinations?

550
55
1750
1750
19250 gallons total @ 10% = 1925 gal

Transporter Storage Pad -

3 compartments totalling 2850 gallons

30 transportes
375 gal/each
11250 total @ 10% = 1125 gal

Barrel / Transponter Storage Pad

100 barrels = 5500 gals @ 10% = 550

or

16 transponters = 6000 gals @ 10% = 600

Containment area 600 gallons -

TANK Volumes - p. 104

Calculate useable volume in each with 2' freeboard?

Closure Plan Max. Inv.

Barrel Storage Area - 1000 drums - 55000 gal

Transporter Stor 30 @ 375 = 11250

Pad - 100 drums = 5500
or
16 transporters or 6000

72250 gal?

Part A = 182,250 gallons?

Why?

Tanks - 32000 gal max inventory

Part A - 27300 gal

Why?

Incinerator 50 gal/hr in Part A

900 gal in Max Inventory?

Why?

Old Part A

P-3A - Line 23	3000 (T)	Ossine
P-3B - Line 6	140 T	
P-3C - Line 8	10 T	
P-3C - Line 10	200	
	3350 T	

New Part A

3A - Line 1 (cyanides)	370 T
3A - Line 21 (solvents)	370 T

plus U stuff

$$\left(\frac{50\ gal}{hr}\right)\left(\frac{8\ \#}{gal}\right)\left(\frac{Ton}{2000\ \#}\right)\left(\frac{24\ hr}{day}\right)\left(\frac{365\ day}{yr}\right)$$

1752 T/yr

$V = \pi R^2 \times H = ft^3$

$R = 5'$ & $3.5'$

$V = 78.5\ ft^3/ft$ height

assume

$V = 588$ gal / ft

~~8½ #~~ water density 7.48 gal / ft3

4000 gal = 6.8 ft of 7

$V = 38.5\ ft^3/ft$

$V = 288$ gal / ft

2000 g = 6.95 ft of 7

106

12
7
84
8
92

28.78

7'8" = 92" = 28.78 gal/in

@ 2500 gal = 97.4 in = 8.1' ft of 8.34' ft

H - 7.083
W - 9.416
D - 7.5 = 499 ft3 =

70.6 ft3 / ft

528 gal / ft

@ 2500 gal = 4.74 ft of 7.08