CECOS International / BFI
8/27/13 Landfill 9:30 am
Mike Call - Tech
Dan Beborde - ~~not here today~~

Leachate Accumulation Points (LAPs)
Leachate Treatment System (LTS)

TOUR

Monday usually mean
depths to ~~bottom~~
Leachate - or stand pipes
+ dewatering wells

Well 46
De watering well
Intermediate
10 wells total -
measure depth to leachate

allowed 2½ ft of water
on wells -
make sure below the
2½ feet -
If above activate pump
see why - all on timers
CMI building
If photos from left to
right start at CMI bldg
accross ½ + fire pond
Vents on cell ½
feed into CMI bldg
vents gas thru water
water tank + vent
leachate tank

controlers for pumps
automatic - if no water
pump goes off

Inside CMI bldg
1 water tank
photo

1 photo leachate tank T204
1 photo label on leachate tank
from 10 wells on Intern
+ 2 wells on cells 1+2
then bring tanker in +
pump out leachate + bring to
Treatment Area -
emptied at least every
90 days

Control Board:

- % full = # of gall of leachate in tank
- pH

1 photo of control board

Tank vents thru carbon drums ~~2 in series~~ right is one on left for lechate 3 GW tanks

monthly do a meter test to check for break thru carbon changed 7/11/13

date of change on top of barrels

Also change at least once per year

1 photo of carbon drums

1 photo of Tank area (lechate in front, GW in back)

Water tanks labeled HW as well

went past Cell 3

cell 3, 4, 5, + 6 go into LAP for there

T111 tanks
T112

board tells amount full
Board with 90 day time frame

7 on own bldg
8 " " "

9 + 10 together

Lechate Treatment Bldg

3 Storage tanks

~~101~~ ~~#~~ 103 get treated waste

101 gets excess water

#2 not used very often -

Daily tank levels

pressure PSI + temp °F measured

board for 90 day

Sump ~~area~~ in loading area

2 carbon canisters for T-103

1 photo → carbon canister

Pressed material from treated water - filter cake drums PCB's + HW

Label + dated

1 photo drums

Treatment Room

T-1 tank

treat leachate with Sulfuric Acid + lime -

Sits 24 hrs in T-1, then treat

photo of T-1

photo of carbon drums for T-1 & other tanks

Water Run Off from Land Fill - PC pond

Slurry Wall

1 photo sign on top of Slurry Wall

Truck Wash & office

Board
VAC Truck clean out
soil samples / 3 years
cell-10 survey / quarterly (12-18-12)
no longer required

Sandpipe silt measurements / quarterly
next Oct. 2013

Tank cleanouts

104-3-19-06
105-3-14-06

CMI Leachate
Sample
5-30-12

Measure GCP's April / Oct.

re-certification LTS 5 yrs

~~Stilling~~

Stilling well
Vac out

5-10-12 ✓ Done
11-19-12

Discontinued
monitored creek pH
no longer need to do —

LAP Tank probe cleaning 5-1-12

Copy of 90 day Chart

Carbon canister change

Field carbons
T 101 carbons

Big foot
many

monthly on carbons

hnu meter
Model 102
Process analyzers
also periodic

Meeting with Don

1:00

CMI perculation tank
4/4/13 new water added

Leachate from Cell 1/2 &
Interim (ie CMI water)
go to T204 -
from 204 to Clean Water
Dayton by tanker truck

SCMF leachate Knock out PCBs
is treated in tank farm
sent to Vickery Env. Ohio

NBA-HA2

↳ Sanitary landfill leachate
is not treated here -
treated at ~~Hollow Fore~~ in [illegible]

None of leachate is treated
to LDRs - just get PCBs out

PCB Drums go to Chemical Waste
Mngmt in Alabama
Emelle
(filter cake)
ALD 000 622464