IV F 7b

8/9/89

Rhone Poulenc, Inc

Sue Hays
Gary Podrabsky
9:45 am.

A general description of facility.

#1 RCRA facility

#2 1948 – dry glue area thru late 1960's
process of dry glue in D.C. buildings and store in "storage".

Rhone Poulenc
field notes

2273

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WA 2302
7C
~~Nodal~~
8/9/89

current:
production storage
of vanillin

- sodium bicarb
in sacks.
- TSP.

"storage" bldg.
now for maintenance
equip. empty drums,
insulation.

1930s Duwamish
rechannel.

7 Mersize (R)
old Monsanto
resin for paper
(phenol formaldehyde)
mid 1970s end
of production

- had process kettles
- no waste streams
known
- Mersize "PIT."
concrete pad
sumpsarca outdoors

MONSIZE -
transload here only
up to a year ago.

#9 VBLS "dry cake" process within last year.

Plant walk thru.

#1 KCRA facility.
pump bump, to (800 gal)
VBL clarifier.

no strainer solids here now
solids now housed in dumpsters shipped to Arlington

facility not being used - in closure.

bermed, sloped w/ grating.

#2 Storage Meal Bin.

- empty of products
- store empty drums
- plastic filters for process.
- covered flow track ?
- fiberglass storage wire / pipes / hoses lights.

pierced concrete walls.

emergency spill equipment.

Rail cover with old. covered sump. water in sump has oil sheen.

old sump between D.C. and Dry Blue bldg.

has standing water in sump - looks clean, stains lead under old Meal Bin.

D.C. warehouse.

- product storage
  - VANILLIN
  - SODIUM BICARBONATE
  - fire prevention foam

no floor drains
on upper level.

lower level has
pit area where four
concrete posts sit
as base for some
tank or unit at
one time.

Old sump -
about four feet
deep with sludge

in bottom (picture)

another pit with
boards covering on -
no water/dry
sound.

SWMD #3
process van. tanks.
8 singles
3/4 triple
1 dia 5x
lignin mixed with
sod. hydrox.
air oxidized - to
strip of van
molecule

#2 cont.

pit under vents
catches drips
recycled to contain
reservoir.

- IPA towers
- stirring solids.
put into small
dumpster.

process sewer.
recycles
process water
or to METRO

entire area paved
or concreted.

Process API separator
at IPA area.

solids emptied about
once per year

toluene recycled
every 2 wks or so
back to process

METRO/API sewer
close to RIVER sewer
with slight berm
high point between
them.

picture API separator.

#4 Oil depot.

Penetrick oil by rail.
Fuel oil by truck

concrete
bermed
very clean.

#3 Copper sulfate
tank - contained
conc. 4 ft wall.
Cu_2SO_4 leaking on
concrete, valves
to drain closed.

#5 Lab.
1 drum or year
methylene chloride.

caustic sowed in
plastic container,
sent out occasionally.

Chem Pro
picks up m.c.
1 drum sitting on
pallet outside
lab on concrete.
bearmed area.

#6 Reservoir
- concrete
- full of oil and liquids to be reused in process

28 steps long
~ 10 ft deep.

clean all around on ground

- filled to w/in 2-3 ft. to top.

Recycle water tanks —

sitting on concrete pads above conc. poured area

drain to river nearby.

plans to put containment wall around Recycle water tanks, copper sump, API separator,

copper sump not a "mixing" area but a containment reservoir.

old spill area (caustic)
of 1986 has standpipe
and compressor to
evacuate water
to recycle res. (mersize)
- ground clean
- caustic pipe above-
ground

Tank farm

- one lignin tank removed
- all tanks on concrete
floors and contained
w/ conc. walled basins
on drain system.

barge pier
- walked down pier
- wore life vests
to barge
- valves for
VBL
LIGNIN
caustic

FOSS barge at pier

Concrete rip-rap
on Duwamish R.

Marina across river

Filter press
- for VBL - presses
out solids.

LAROX made in
Finland.

Sept. 1988.
Begin operation
2 full dumpsters in bldg
2 full dumpsters outside
- state haz. waste
no labeling.

7 dumpsters per week

some VBLS is
sold to cement
industry -
loaded from
VBLS loading area.

"Mersize" sump
concrete lined

4 old Mersize tanks
on south side of
maintenance bldg.
dark stains on
soil at base
(see picture).

#7 Maint Shop

solvent clean
unit - portable

no floor drains
in bldg.

Storage shed.
contained

RPI
Back in office at 5:30

Asked Sue Hays to
review the
recorded spills -
brought the
Monsanto/RPI and
Metro reports.

- requested info.
from Sue Hays.
Vy. 8/24-25, 1989.

Rhone-Poulenc VSI 8/1/89
09:30
Gary Bruce & J.P. [illegible]
Sue Hays 784-4474
Gary Podrabsky - plant manager

G.B. described P.R. and definition of SWMUs.
- G.B. pointed out each SWMU on diagram.

Podrabsky - interested in maintaining confid. in all records. Business is extremely competitive and proprietary info can be critical.
- suggested that Sue take photographs for us.* Asked for copy of photos.

SWMU #1 - RCRA storage area.
- Currently < 90 day

SWMU #2 — dry glue made since 48
- until late 60's.
- this glue was from bone meal and
waste blood solids — for plywood glue,
- produced in 50-100 lb. sacks.
- Distribution Center
store sodium bisulfite ? and
TSP.

SWMU [illegible] — mostly [illegible] for
[illegible]
- used since 1952.

Slip #6 was river channel until
~~[illegible]~~ rerouted in the 1930s. This site
was then filled and leveled.
USP vanillin — for food grade production.
Metro sump — pump to force main.

Oil storage area — for auxiliary fuel
- diesel #2. Used last winter.
- Also have gasoline and pennetech
oil tanks.

SWMU #6 - API separator. Oil that
is collected is pumped out of sump.

SWMU #7 - Thersize is an old resin product
made by Monsanto - Phenol formaldehyde.
- stopped ~ 1976-7. Paper sizing
- became maintenance shop in 1980.
- had heated, pressurized process kettles.
- no wastes were generated

Reduced [illegible] generation from 18 000 tons/yr
to none. Sludge cakes now go to CSSI
in roll-off boxes. New system since 1988 -
Paid for itself in 6 months.

Dany since 1980
Joe since 1974

Tour

H.W. storage area cleared out 5/89
— in closure process now. No CW
storage solids

SWMU #3 has an API separator
which treats process w.w.
— measurable <50 ppm on H.W.

7 dangerous [illegible] (to SSI) ← — Washington dangerous waste (mach w. [illegible])

Discussion after tour.
mercury tank #2 visible oil-like
stain on wall around base of
tank. Test + dispose appropriately ← — my recommendation.

Observed RR (Thermo) truck removing
3 drums of h.w. 1) methylene chloride
2-3) unmarked hydraulic fluid and
solvent
Took photo of truck loading methylene chloride

RR spill pans put in [illegible] 1976

Monitoring wells put in around 1986 for
exploration related to sale.

Joe said shed provide info by 5/25.

Outbriefing