Review of Good Hope Refinery
File - LA 2135

File has information dating from 1975 to September, 1980 concerning problems at Good Hope. Most of the information until 1980 relates to water and air pollution problems.

LAD 000 225862

SUPERFUND
FILE

SEP 17 1992

REORGANIZED

Alleged that during period ≈ May 1, 1978, 20,000 gal. of caustic ordered dumped to swamp behind plant.

May 23, 79 - States-Item Newspaper - Alleged fire & explosion hazard due to oil on-site. Local citizens evacuated due to explosion possibility.

DNR Notification Form for Haz. Waste - 11/79
Generator w/ on-site disposal
Treater and disposer

DAF Sludge	Paint Wastes
API Separator Sludge	
Kerosene Filter Cake	15 tons of
Slop Oil	catalyst lost
Surge Basin Sludge	into air
Tank Bottom Sludge	16610 tons/yr
Hauled off-site - Spent Caustic	Chys. tot.
Buried on-site - Catalyst Fines	6230 tons - Buried
Old Asbestos	

9524772

EPA Notif Form - Indicates Generator Only
UHF float from petro. re[illegible]ing industry } Only wastes listed
API sep. sludge from " " "

Feb. 21, 1980 Inspection memo from DNR -
No manifests submitted for waste shipment.
Didn't notify as a transporter.
Disposal Service, Inc. landfill at Kenner
received exc. soils & mucks (Possibly process sludges also) and catalyst fines.

May 8, 1980 - Enviro-Med lab report on material at DSI landfill
Analysis of sludges showed metals present (from digestion test), but very low leachate concentration (from leachate test). **

September 5, 1980 - Enviro-Med lab report on sample of sludge from Good Hope
Metals & volatile organics detected.

May 16, 1980 - DNR ordered all catalyst removed from landfill. Reportedly buried, but not removed.

Sept 20, 1980 - Times - Pisayune - Corps spokesman
Call → Bruce Sossaman said sludge mat. from Good Hope contained about same amount of arsenic, chromium, & lead as found in samples of spillway soil near, but unaffected by, the sludge. Corps samples reportedly showed 0.97 ppm arsenic at boat club, 3.96 ppm at west levee ramp, 1.49 ppm at office.

Corps

Sept. 27, 1980 - Times-Picayune

DNR ran "leachate test" on sludge dumped at Bonnet Carre. Showed .02 ppm arsenic, .02 ppm lead, and .01 ppm chromium.

DNR plans no further action or further tests on dumped material.

** - DNR says large reports received regarding toxicity of fines from catalyst regeneration. Material does not leach appreciably and toxicity tests on rats did not show evidence of problems from either oral (5000 mg/kg of body weight) or dermal application.

Non-contaminated storm drain - Entire area of plant. Don't have separate system. Oil in ditches have been noted by citizens. Have ~~pic~~ pictures of oil on ground and in areas around equipment. When get heavy rain, can't handle stormwater

Sept. 4, 1980 - Baton Rouge paper
Sept. 25, 1980 - Hearing

Dumping spent caustic - Coast Guard - 311 ?
A couple of years ago. action

Exhibit 9 - May, 1978 - Bottom article

Dumping of caustic - Has info. about disposal in 1978 - Dumped several truckloads of material. - 20,000 gal + 25,000 gal through pipe - discharged at night.

---

52 maint. workers let go ≈ Aug. 1, 1980 for no apparent reason

---

Explosions in sewer several times, lots of hydrocarbons being ~~[illegible]~~ lost.

Major fire - 1977 -

Oct. 26, 1979 - Noise survey from James F. Coerver to LA Dept. of Justice

OSHA - Order issued - Granted extension on compliance date.

Temporary order

May 9, 1978	Temp. Order by	LA Stream Control Commission
July 31, 1978	"	
July 29, 1977	"	
Aug. 29, 1978		

Adequate notice on hearing questioned.

Shutdown in November on catalyst cracker unit, Probably 2-3 week shutdown.

Notes - Oct. 20, 1980

Gail Simmons
Johnny Vicknair - Union

Sludge

Good Hope Refinery

Stormwater retention basin.

Gasoline is most important product
H_2S - air emissions

Kenner landfill - Catalyst blowing across road

Jeff. Disposal Co.

Other landfill on Hwy 61 used for dumping of caustic - just east of Jeff Disposal.

Both landfills cited in letter

Pelican State Landfill - Adjacent to Kenner landfill. Used by Good Hope currently

Bayou Le Branch
Exxon Bridge - Samples last week
≈ 40 ppm sulfide reportedly

Permit violations = Dave McNeil
July & August, 1980

Feb or March, 1980 - 2nd "darker" photo -
Catalyst material being lost

≈ 150 hourly employees
Discharge - Stormwater & treated wastewater
$250,000 fine -

August - 1980 - One-time event
Expansion of stormwater pond.
Dumped mid-August - 2 or 3 nights
Smelled like rotten eggs for about 3 weeks, Lion's Park & near Corp's office at Dove.
Saxman - Corps of Eng. representative
Mr. Robichaux - Picture of catalyst settled on houses.
3-5 minutes for reversal on average. Depends on problem.
Soot blowers operated at night.
Discharge catalyst - Cycles - Blower catalyst
Normal question - losing too much catalyst

Lab results from lab technician at Good Hope - Info. given to McNeil.

Material not removed from Kenner landfill. Buried and said not a problem if didn't become airborne. Runoff contained 100 ppm arsenic reportedly.