

DEC 17 1980

Jack Thonson - SW13

DD

December 11, 1980

4410-2

(Carroll D. Besadny - ADM/5)

Central Office - Madison

Robert F. Winnie



Freeman Chemical Illegal Resin Dump - Town of Wayne, Washington County

July 22, 1980

On a routine inspection of the Town of Wayne landfill, David Edwards discovered a large quantity of leaking drums west of the licensed landfill property. That same day Edwards contacted the local Town Board by telephone. Edwards indicated to James Reyburn that the conversation revealed the fact that the Town Board was already aware of the situation. Lloyd Martin was then contacted and a meeting was arranged for the following day.

July 23, 1980

Initial Investigation - Dave Edwards and Jim Reyburn met with the property owner, Mr. Lloyd Martin, to inspect the dump site. The rusted 55 gallon drums came from the Freeman Chemical Co. in Saukville and were disposed of late in 1958. They were transported to Mr. Martin's dairy farm by a Mr. Cliff Rook who no longer lives in Wisconsin. Five loads were disposed of (approximately 100 barrels) for which Mr. Martin received \$20 per truckload. Approximately five months later in February 1959 the drums caught on fire and burned for three days until the fire cooled off enough to cover with dirt and be extinguished. Nothing else was dumped except these drums.

The drums were dumped on top and down the west slope of a hill located on Mr. Martin's property. Approximately 80 drums were counted. Most drums had been opened to the atmosphere and contained a hard resin-like material. Other drums contained resin of a soft glue-like consistency and some were unopened. A stream of resin could be seen running down the hill into a closed off kettle-like depression surrounded by hills with heavy vegetation. At the bottom of the hill were two pools where resin had accumulated. The first area, (approximately 4 x 8 feet) consisted of a very thin hard black crust. The second pool area was a little larger (10 x 12 feet) in diameter and was 4-6 inches thick. The surface had a crust on it, but underneath it was still oozing and spongy when walked on. Grass could be seen growing around the edges of the pools and the stream running down the hill. A paint odor was noticed, but not overpowering.

July 24, 1980

Jim Reyburn spoke with Mr. Paul Schaefer, plant manager at Freeman Chemical, Saukville. Jim told him to check records for a Mr. Cliff Rook hauling waste to Mr. Martin's property in the Town of Wayne, 8181 Hwy. W. Mr. Schaefer called back later that day to say Freeman had no records of this occurring and that he had talked to some of the old-timers at the plant to see if anyone had information on Mr. Rook removing waste. No one knew anything. Reyburn told him some of the drums had Freeman Chemical labels on them. A meeting was set for August 18, 1980, to inspect the dump site.

August 18, 1980

Dave Edwards and Jim Reyburn met with Mr. Schaefer and Mr. Cerk, the director of manufacturing, at the Saukville plant. They drove to the dump site at the Town of Wayne to do an inspection. Mr. Cerk explained that the material was a fiberglass resin used in making boat hulls and when hardened posed no hazard. To emphasize this, Mr. Cerk took a piece of the dried resin, put it in his mouth and chewed on it, saying it was just like chewing gum. They were told drums contained a white, rock-like material which was diatomaceous earth used in filtering resins. Officials from Freeman repeatedly stated that they felt the material was non-hazardous, posing no health or environmental problems. At this time Reyburn told them the Department would require a waste analysis which Freeman agreed to conduct.

September 2, 1980

Dave Edwards and Jim Reyburn met with officials from Freeman to take samples at the dumpsite. Reyburn directed Freeman as to where the sampling locations should be. Appendix I briefly describes the six sampling locations. Prior to this meeting Reyburn spoke with Dave Stensly, a Bureau chemist, as to what parameters should be tested. Jim instructed Freeman to run tests for halogens, organic hydrocarbons, non-organics, and metals, to which they agreed. Freeman indicated they had laboratory capabilities to do all of the tests except the metal analysis which would have to be sent out.

September 30, 1980

Jim Reyburn had a telephone conversation with Mr. Schaefer of Freeman Chemical. Schaefer said Freeman had completed their analysis which showed no halogenated compounds and was awaiting the metals report prior to sending Reyburn a copy. At this time Mr. Schaefer indicated that Freeman would clean up the drums and contaminated earth from the dump site. Disposal arrangements would be made through Waste Management - Controlled Waste Division who normally handles Freeman Chemical waste from the Saukville plant.

November 12 - 21, 1980

Clean up activities conducted using Freeman employees. Department representatives were present for the majority of the clean up. Liquid waste was placed in liquid lugger (10 yd.), less than one box was accumulated. Solids were placed in solid lugger box (10 yd), two of these boxes were filled.

November 25, 1980

Dave Edwards and Frank Trcka made a final inspection and found all visible contamination had been removed, satisfying this office.

JR:jc

cc: Bureau of Solid Waste - SW/3
Jack Thorsen - SW/3 ←
James Reyburn

Appendix 1

Sampling Locations

- #1 - Drum at top of hill with no cover, white glue-like material.
- #2 - Drum at top of hill which we opened at time of sampling. Red liquid-sludge with a crust on it.
- #3 - Sample of material in stream of resin flowing down hill. Yellow spongy material approximately one inch thick.
- #4 - Drum on side of hill with no cover. White rock hard material - diatomaceous earth.
- #5 - Soil sample taken under large pool of resin 4-6 inches thick at bottom of hill.
- #6 - Resin sample from large pool at bottom of hill 4-6 inches thick.