City of Springfield
Water Pollution Control Section
Pollution Complaint/Report Form

Date 7/29/92

Report From:
- [X] Citizen ANONYMOUS
- [ ] Fire Dept.
- [ ] Public Information Office
- [ ] Health Department
- [X] Other KARL BARKE - Air Pollution

Received By: R. CAMAN
Referred To: G. PABST / KAREN CHANDLER
Date of Incident:

Complainant Information:
Name ANONYMOUS
Address
Phone
Directions (if needed):

Responsible Party Information:
Name PACE FURNITURE REFINISHING
Address 2816 E. DIVISION
Phone 865-2322

Possible contamination of:
- [X] soil
- [ ] groundwater
- [X] surface water what body?
- [ ] other

Other pertinent information:

Who to contact:
- [ ] DNR 417-837-6950
- [ ] DNR 314-634-2436
- [ ] EPA 913-236-3778
- [ ] Fire Dept. 864-1719
- [ ] Police Dept. 864-1719
- [ ] Bob Schaefer
- [ ] CU 831-8320
- [ ] Street Dept.
- [ ] Health Dept.
- [ ] Sewer Maintenance
- [ ] Sewer Construction
- [ ] Chemtrec 1-800-424-9300
- [ ] DOT
- [ ] NRC 1-800-424-8802
- [ ] Other

Details of incident: IN ADDITION TO FUME, ODOR, AND WEED COMPLAINTS, PERSON SAID CHEMICALS WASHED INTO DRAINAGE DITCH AT REAR OF PROPERTY.

Action needed: MAKE INSPECTION REGARDING RUNOFF AND REFER TO DNR IF NECESSARY. While there, MAKE INSPECTION to determine COMPLIANCE WITH Chapter 30 OF WASTEWATER DISCHARGE, IF ANY. I BELIEVE WE have BEEN there before A COUPLE OF times ON earlier COMPLAINTS.

(over) ADDRESS 2816 E. DIVISION

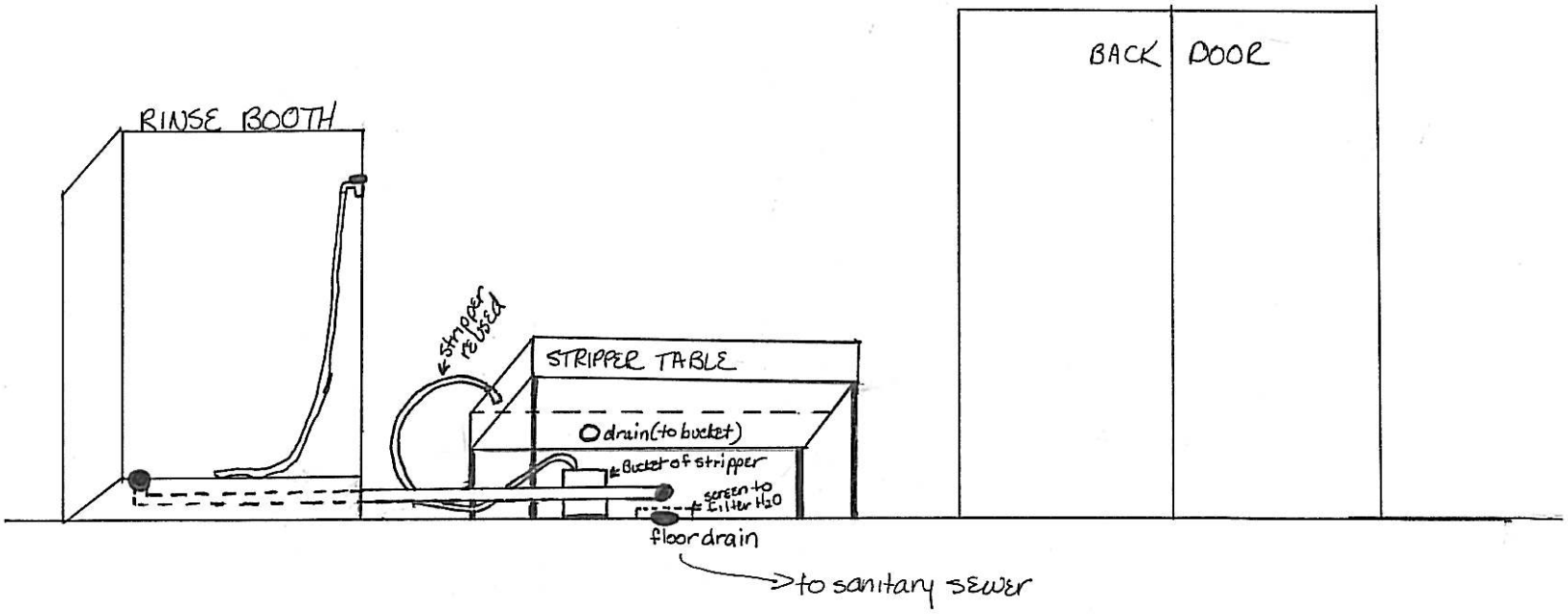
Investigation Results

I WENT TO PACE FURNITURE REFINISHING ABOUT 2:15 IN THE AFTERNOON ON JULY 29, 1992. I DROVE AROUND THE BACK OF THE BUILDING. I SAW NO EVIDENCE OF DUMPING ON LOT (THE GRASS WASN'T DEAD). THERE WAS A FAINT STAIN ON THE ASPHALT BEHIND THE BACK DOOR, BUT IT DIDN'T LOOK FRESH. I TALKED TO MR. PACE AND LOOKED AT THE FURNITURE REFINISHING PROCESS (SEE DIAGRAM). MR. PACE COLLECTS ALL THE USED STRIPPER IN A BUCKET AND THEN REUSES IT BY PUMPING IT OUT OF THE BUCKET ONTO THE STRIPPER TABLE. HE SAID HE NEVER WASHES STRIPPER OUT OF THE BACK DOOR, IT IS TOO EXPENSIVE. HE TOLD ME THAT HE OCCASIONALLY SWEEPS THE FLOOR AND WASHES IT. HE DRAINS THIS WATER OUT OF THE BACK DOOR. HE SAID HE ALSO HAS TO SQUEEGEE OFF THE FLOOR WHEN THE RAIN BLOWS IN THE BACK DOOR. THIS IS THE ONLY WATER THAT EVER GOES OUT ON THE LOT. I DID MENTION STORMWATER REGULATIONS AND TOLD HIM IT MIGHT LIMIT WHAT COULD BE WASHED OUT ON HIS LOT IN THE FUTURE.

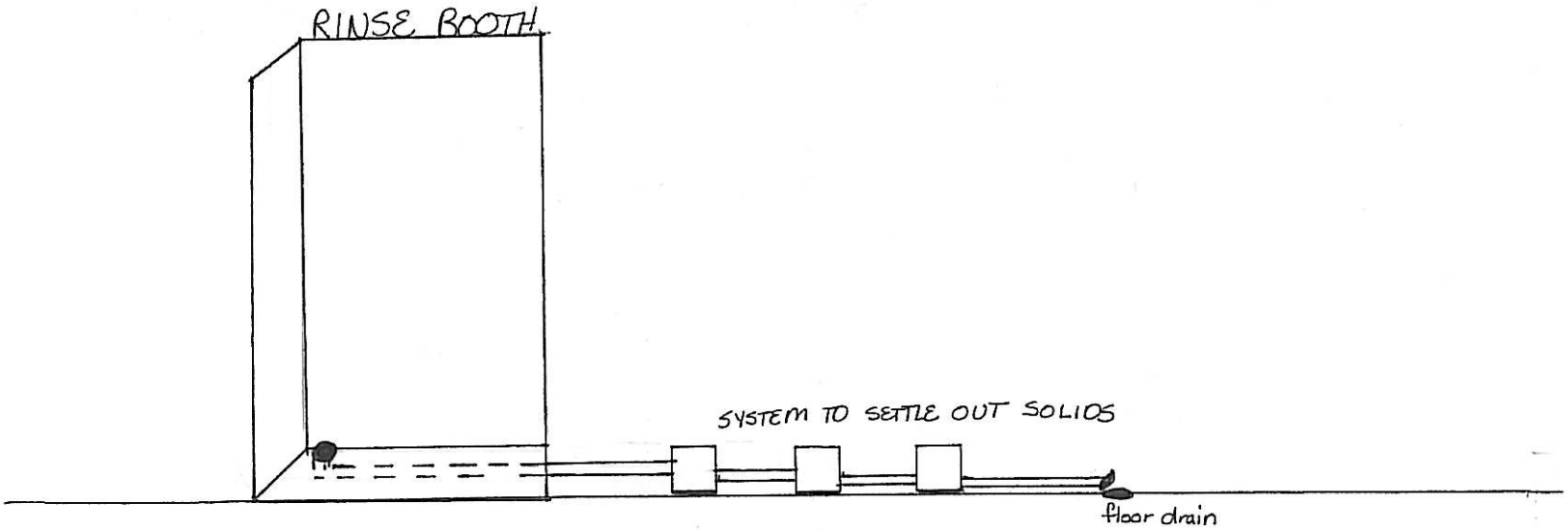
MR. PACE'S RINSE BOOTH WATER GOES TO A FLOOR DRAIN. HE SAID THE PIPE THAT DRAINS IT OCCASIONALLY GETS CLOGGED & HE HAS TO PULL IT APART & CLEAN IT.

Karen Chandler

PACS FURNITURE REFINISHING
7/29/92



PLANNED SYSTEM



MATERIAL SAFETY DATA SHEET

APPROVED BY U S LABOR DEPT, ESSENTIALLY SIMILAR TO FORM OSHA 174

PRODUCT IDENTITY: PR115 Liquid Paint Remover

I. SUPPLIER

Crown Paint Company
1801 W Sheridan
OKLAHOMA CITY, OK 73106
PHONE: 405-232-7053
CHEMTREX PHONE: 1-800-424-9300

II. HAZARDOUS INGREDIENTS

MATERIAL	CAS #	PEL (OSHA)	TLV (ACGIH)
Methylene Chloride	75-09-2	500 ppm	100 ppm
Methanol	67-56-1	200 ppm	200 ppm
Toluene	108-88-3	200 ppm	100 ppm

	CAS #	CEILING	PEAK (OSHA)
Methylene Chloride	75-09-2	1000 ppm	2000 ppm (5 min in any 2 hr)
Toluene	108-88-3	300 ppm	500 ppm (10 min)

LOWEST KNOWN LC50 (VAPORS) 108-88-3 5300 ppm (Mice)
LOWEST KNOWN LD50 (SKIN) 108-88-3 4000 mg/kg (Rabbits)

NFPA HAZARD RATING
HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 1

(THIS PRODUCT MEETS REQUIREMENTS OF L A RULE 66 & SIMILAR REGULATIONS)
DOT SHIPPING NAME: Paint Related Material (UN1263)
DOT LABEL: None

III. PHYSICAL DATA

BOILING RANGE : 39 51 111*°C / 102 123 232*°F (*=End Point)
API GRAVITY : Not Applicable
SPECIFIC GRAVITY (Water=1) : 1.176
POUNDS/GALLON : 9.792
VAPOR PRESSURE (mm of Hg)@20°C : 298.7
VAPOR DENSITY (air=1) : 2.5
WATER ABSORPTION : Appreciable
ACID ABSORPTION (85% H_2SO_4) : Appreciable
DRY TIME (Ether=1) : Long
% VOLATILE BY VOL : 93.2
APPEARANCE : Thick;Clear,Water-White
ODOR : Alcohol
HKB (Hydrogen Bonding) : 26.4 PKB (Polarity) : 41.7 DKB (Dispersion) : 31.9
REFRACTIVE INDEX : 1.410
MIXED ANILINE POINT (Acid Insol): 2°C / 35°F

IV. FIRE & EXPLOSION HAZARDS

LOWER FLAMMABLE LIMIT IN AIR (% by vol): 1.4 (Lowest Component)
FLASH POINT (TEST METHOD): No Flash to Boiling
FLAMMABILITY CLASSIFICATION: class III B

EXTINGUISHING MEDIA : NFPA Class B extinguishers (CO_2 or foam) for class III B liquid fires.

SPECIAL FIRE FIGHTING PROCEDURES : Water spray may be ineffective on fire but can protect fire fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves & rubber boots). Use a NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES : Keep container tightly closed. Isolate from oxidizers, heat, & open flame. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions. Empty container very hazardous! Continue all label precautions!

Legal responsibility is assumed only for the fact that all studies reported here & opinions are those of qualified experts. Buyer assumes all risk & liability. He accepts & uses this material on these conditions. He must keep a copy of this MSDS where material is handled.

V. REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Isolate from oxidizers, heat, & open flame.
MATERIALS TO AVOID : Isolate from strong oxidizers such as permanganates, chromates & peroxides.
HAZARDOUS DECOMPOSITION PRODUCTS : Carbon Monoxide, Carbon Dioxide, Hydrogen Chloride, Phosgene from burning.

VI. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 100 ppm (Freshly Prepared)

PREVENTION OF OVER-EXPOSURE: Use only with adequate ventilation. Avoid breathing of vapor or spray mist. Do not get in eyes, on skin or clothing. Do not take internally.

ORGANIC EFFECTS OF ACUTE OVER-EXPOSURE: INHALING: Anesthetic. Irritates respiratory tract. May cause serious nervous system depression. May cause damage to kidneys, blood, nerves, liver & lungs. Absorption thru skin increases exposure. Repeated exposure over TLV may cause blindness.
SKIN CONTACT: Primary irritation, defatting, dermatitis.
EYE CONTACT: Primary irritation, redness, tearing, blurred vision.

ORGANIC EFFECTS OF SWALLOWING AND CHRONIC OVER-EXPOSURE: Vapor harmful. Breathing vapor may cause irritation. May be fatal or cause blindness if swallowed. cannot be made non-poisonous. Swallowing may cause abdominal irritation, nausea, vomiting and diarrhea. Persons with heart or lung trouble should avoid use. Exposure increases Carbon Monoxide level of blood. Excessive exposure to vapors may be fatal.

CANCER HAZARD: Possible cancer hazard based on tests with laboratory animals. Overexposure may create cancer risk.

EMERGENCY & FIRST AID PROCEDURES: In case of contact with skin, flush with plenty of water. For eyes, flush with plenty of water for 15 minutes & get medical attention. After high vapor exposure, remove to fresh air. If breathing is difficult give oxygen. If breathing has stopped give artificial respiration.

POISON!!
CALL A PHYSICIAN

IF SWALLOWED: Induce vomiting promptly following physician's instructions or by having patient stick finger down throat. After vomiting has been induced, give two teaspoonsful of baking soda in a glass of water. Never give anything by mouth to an unconscious person. Have patient lie down & keep warm. Cover eyes to exclude light. PHYSICIAN: Give oxygen until recovery. Do not give patient sympathomimetic amines such as epinephrine, which may cause arrythmias.

VII. SAFE HANDLING & USE PRECAUTIONS

SPILL OR LEAK PROCEDURES: Small: Mop up with absorbent material & transfer to hood.
Large: Isolate from oxidizers, heat, & open flame. Persons without proper protection should be kept from area until cleaned up.

WASTE DISPOSAL METHOD: Small: Evaporate until all vapors are gone. Dispose of remainder by legally applicable methods.
Large: Recycle or dispose of observing local,state & Federal health, safety & pollution.

OTHER PRECAUTIONS: When using, loosen bung slowly to relieve pressure. Do not store above 38C/100F. Store large amounts in structures made for OSHA Class III B liquids. Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, braze or weld. Empty container very hazardous! Continue all label precautions!

VIII. CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): Ventilate to keep air below 50 ppm. If over TLV, in accordance with 29 CFR 1910.134, use a NIOSH approved positive-pressure self-contained breathing apparatus. Consult Safety Equipment Supplier. Use explosion-proof equipment.

VENTILATION : LOCAL EXHAUST : Necessary MECHANICAL(GENERAL) : Acceptable
SPECIAL : None OTHER : None

PROTECTIVE CLOTHING: Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

DATE : 10 / 86

JOHN ASHCROFT
Governor

FREDERICK A. BRUNNER
Director

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Division of Parks, Recreation, and Historic Preservation

DIVISION OF ENVIRONMENTAL QUALITY

Springfield Regional Office
1155 East Cherokee Street
Springfield, MO 65807
417-883-4033

Greene County/ HzW
General

December 19, 1988

Mr. Ed Pace
Ed Pace Refinishing
2816 E. Division
Springfield, MO 65803

Dear Mr. Pace:

This is to confirm our conversation of December 14, 1988, and my inspection of your furniture refinishing operation at 2816 E. Division in Springfield, Missouri.

This office had received a complaint regarding the improper disposal of rinsewater from the furniture stripping operation, indicating that the water was discharging out the back of the building onto the ground. During our conversation, you indicated that you had already been contacted concerning the matter and that you had eliminated the discharge by connecting to the municipal sewerage system. This was confirmed during my onsite inspection of the facility.

You also indicated that the sludge type material which is removed from the stripping operation is considerably less than a regulated amount. This material routinely goes into the dumpster after it has dried.

Since the business has been operating at the site for about six months there was not a large build up of material on the ground where the rinsewater had discharged. We therefore do not feel that any sampling or cleanup of contaminated soil is necessary.

If you have any questions regarding this matter, please advise.

Sincerely,

SPRINGFIELD REGIONAL OFFICE

Charles L. Kroeger

Charles L. Kroeger
Environmental Specialist

cc Springfield Sanitary Services

2816 E. Division

City of Springfield
Water Pollution Control Section
Pollution Complaint/Report Form

Date 12-8-88

Report From:
- [x] Citizen
- [ ] Fire Dept
- [ ] Sewer Maintenance
- [ ] Other _____

Received By: Karl Burke
Referred To: Karen Chandler
Date of Incident: 12-7-88

Complainant Information:
Name _____
Address _____
Phone _____

Responsible Party Information:
Name Ed Pace
Address 2816 E. Division
Phone 865-9322

Directions(if needed) _____

Possible contamination of:
- [x] soil
- [x] groundwater
- [ ] surface water what body? _____
- [ ] other _____

Other Pertinent Information _____

Who to contact:

[ ] DNR 417-883-4033	[ ] Bob Schaefer	[ ] Sewer Const
[ ] DNR 314-634-2436	[ ] CU 831-8320	[ ] Chemtrec 800-424-9300
[ ] EPA 913-236-3378	[ ] Street Dept	[ ] DOT
[ ] Fire Dept 864-1719	[x] Health Dept	[ ] NRC 312-790-5500
[ ] Police Dept 864-1719	[ ] Sewer Maint	[ ] Other Steve & Bob

Details of Incident: Karl got a complaint from an anonymous caller that Pace's would strip a piece of furniture, save the methylene Chloride, then rinse off the furniture in a tub which drained to the back lot by means of a pipe through the back wall. Karl investigated the complaint and observed the pipe going through the back wall and came by this office to tell us about it.

Action needed: Talk to Ed Pace, the owner of Ed Pace's furniture refinishing and tell him to connect the discharge to the sewer. Also, I'll follow up with a letter giving him 15 days to connect the discharge to the sewer.

2816 E. Division

Investigation Results

I went to Ed Pace's Furniture Refinishing Shop on East ..... Ed Pace was gone, but Mrs Lynn Pace was there. They had already attached a plastic pipe to the discharge drain in the back. The plastic pipe then went to a floor drain about 10 ft away that was attached to sanitary sewer. Mrs Pace showed me some screening she had bought. She was going to put a piece over the drainhole in the back and over the floor drain to keep solids out of the pipe. She'll put the solids in the dumpster. I explained to Mrs Pace why that water shouldn't go out on the ground. She said they had always done it that way when they were on Cherry. They were told it was O.K. to do it that way. Mrs Pace seemed pretty indignant about the whole matter. She said if they were going to have to follow the law, then everyone else who did furniture stripping should have to also. She gave me a list of people who she said did their furniture stripping outside. They were:

Aesthetic Concerns
326 N. Boonville

Almost Home
506 College

Furniture Stripping of the Ozarks
1263 E. Republic Street

Fix-n-Finish
1414 S. Jefferson

Holmes Furniture Shop
1620 E. Trafficway
(she said they also had no fans)

Raymond Jones
2952 N. Kearney

Tom, Opal and Jerry's Antiques
801 N. Hall

She also said that Tom Knox at 1104 Bruce also did furniture stripping in his garage. She said he was a former employee. She also thought he was the one who called about them. I returned the stopping the west patio down to Steve. I'll call Carl Bache about the ones with "no fans"