

2/19/90

PROPOSED WORK PLAN

for

Dublin Multilayer Fire Clean-up

by

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- I. Contractors and personnel
- II. Removal of equipment from wet process area
- III. Removal of the collapsed mezzanine
- IV. Remove wet floor and existing containment area
- V. Decontaminate wet floor and sump in preparation for formal closure
- VI. Establishment of temporary containment area for batch treatment of liquid effluent
- VII. Analysis and treatment of liquid effluent
- VIII. Removal of all hazardous and non-hazardous waste material
- IX. Formal closure of sump →
- X. Report of actual work done with documentation of disposition of all materials

Technical

I. CONTRACTORS AND PERSONNEL:

Jon Krain and Steve Williams will manage the clean-up project as employees of Dublin Multilayer. Dublin Multilayer will utilize some of its own personnel trained in the handling of hazardous materials and the proper use of safety equipment. Dublin Multilayer will hire CKC Inc. (SOQ and permits attached) to supplement its workforce and to provide equipment for demolition as well as transportation of hazardous waste for disposal and/or treatment and recovery. Once procedures II through IV are completed, Delta Technical Services Inc. (SOQ attached) will be bought in to complete Item V. Items VI and VII will be performed by Dublin Multilayer personnel. An outside geotechnical consultant will be hired for Item IX if necessary. Jon Krain and/or Steve Williams will complete the final report of the clean-up.

II. REMOVAL OF EQUIPMENT FROM WET PROCESS AREA:

Dublin Multilayer will use its own personnel as well as CKC personnel to empty and remove all tanks. They will also be responsible for removing the process equipment to a secure holding area for disposition by the insurance company. Upon this disposition all equipment to be scrapped will be decontaminated or disposed of as hazardous waste. Materials and equipment to be salvaged will be decontaminated if required and removed or stored. Equipment under mezzanine will be left until all precarious overhead structures are removed. Floor in holding area will be covered with two plies of 12 mil. polyethylene to prevent spreading of

contaminents.

III. REMOVAL OF COLLAPSED MEZZANINE:

All personnel working on this portion of the clean-up will have certificates of 1910.120 training and will be required to wear appropriate personal protection equipment. Removal of the mezzanine superstructure and associated structures will proceed in a safe and cautious manner. This is to prevent injury to personnel and potential spills or contamination of additional materials. If heavy equipment is necessary, ie: bobcat a path in the wet floor area will be cleared as necessary. Visqueen will be placed on the floor as not to contaminate equipment or other areas. Debris from the demolition will be segregated into hazardous and non-hazardous bins for disposal.

Acceptable methods for differentiating between hazardous and non-hazardous materials will be mutually agreed upon by Dublin Multilayer management and Alameda County Health prior to the commencement of work.

IV. REMOVE WET FLOOR AND EXISTING CONTAINMENT AREA:

All containment area materials will be disposed of as hazardous waste solids and removed by hand or equipment as deemed appropriate. Equipment will be decontaminated if used.

V. DECONTAMINATE WET FLOOR AND SUMP IN PREPARATION FOR FORMAL CLOSURE:

After all wet floor area has been cleared it will be determined visually if the wet floor barrier material has failed. If necessary, the floor will be hydroblasted and/or chemically etched to remove contaminants. A Safety-Sorb barrier will be placed around the perimeter of the wet floor to preclude release of wash effluent. The effluent will be vacuumed into a tank for later batch treatment or removed by tank truck for off-site treatment. Collection sump will be cleaned at this time also. Wipe samples will be taken at this time to determine if any reiterations of these procedures are necessary.

VII. ESTABLISHMENT OF TEMPORARY CONTAINMENT AREA FOR BATCH TREATMENT OF LIQUID EFFLUENT:

After the floor has been properly cleaned, a temporary containment area will be constructed. A perimeter of wooden timbers or sandbags will be used. A liner of either two ply 12 mil. polyethylene or one ply 20 mil. hypalon with all treatment tanks and equipment to be placed inside.

VIII. ANALYSIS AND TREATMENT OF LIQUID EFFLUENT:

Samples of all held liquids will be taken and analyzed for Sn, Pb, Ni, Cu, F and pH by a state certified lab. After contents of each holding tank have been determined, the liquid will be transferred to the treatment tank in batches of 1000 gallons or less. It will be processed to remove metals so that the effluent liquid can be discharged in accordance with Dublin Multilayer's POTW discharge permit. Solid effluent filter cake will be

removed as a hazardous waste for recovery.

VIII. REMOVAL OF ALL HAZARDOUS AND NON-HAZARDOUS WASTE MATERIALS:

Removal of hazardous and non-hazardous materials will be done on an on-going basis as required to maintain free access around the building and work site. Copies of all hazardous waste manifests and non-hazardous bill-of-ladings will be maintained for incorporation into the final report. This will show final disposition of all materials.

IX. FORMAL CLOSURE OF SUMP:

After all other work is completed the formal closure of the collection sump will be done. The sump is going to be removed so a grab sample will be taken and analyzed by a state certified lab for Cu, Sn, Pb, Ni, CN, F and pH as well as 8240 and 8270 to determine if any further action is necessary. If remediation is necessary, an action plan will be submitted for approval prior to the commencement of work. Otherwise, all findings will be submitted in the final report with sufficient copies for all agencies.

X. REPORT OF ACTUAL WORK DONE WITH DOCUMENTATION OF DISPOSITION OF ALL MATERIALS:

The report will contain all QA / QC information, copies of COC documents, copies of all Lab reports, Copies of all manifests and bill-of-ladings. A synopsis of the work done will be included.

march 27,

1) Soil not removed 40 y³
(2, 3) x 6

2)

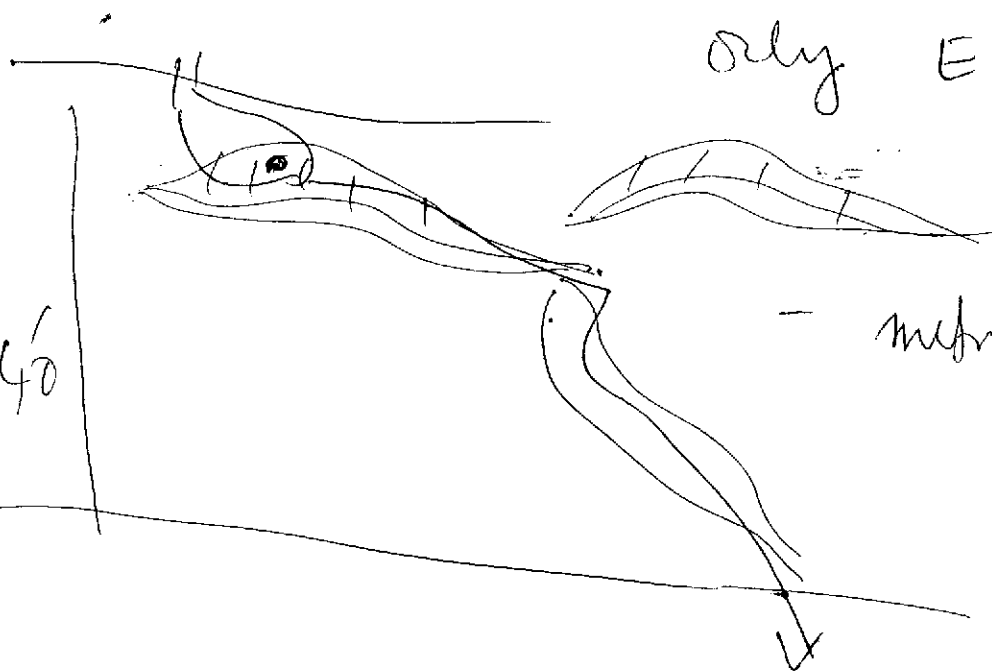
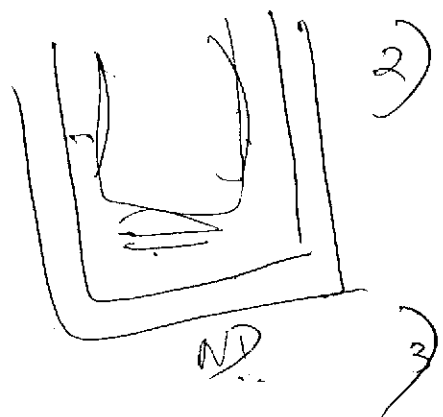
when local 6 was dug & drain pipe
was found.

followed it up (Solvent Odor came
out)

may 17, ~~TEA~~ 30 ppm of Trichloro
was not used by DM

- owner of property assume resp.

only E side was 4 5 ppm



- metal timber (N. Spec)

Jan 1980



10 yrs