

ATTACHMENT #9

MAY 13, 1994



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VII - SUPERFUND
726 MINNESOTA AVENUE
KANSAS CITY KS 66101

ATTN GLENN CURTIS - SPFD
REMEDIAL PROJECT MANAGER

RE DES MOINES TCE SITE - DICO INC
SECOND MONTHLY PROGRESS REPORT - APRIL 11, 1994 THROUGH MAY 8, 1994

Dear Mr. Curtis:

This letter will address several issues we have discussed concerning remediation efforts at the DICO, Inc. Facility and also serve as the submittal of the second monthly progress report as required by the administrative order. The progress report covers the period of April 11, 1994 through May 8, 1994.

In regards to staging containers of generated waste material, all precautions are being taken. The material is being stored in the Maintenance Building where access is strictly controlled due to the nature of the work. At this point the material generated can be classified into four waste streams. The first is the dust and loose material being swept up and also collected by the HEPA vacuum system. This is being containerized in 55 gallon fiber drums marked with the contents. The second waste stream consists of discarded PPE being placed in fiber drums which is also appropriately marked. The third waste stream is the wash water from the floor scrubber which is being stored in 55 gallon steel drums. These drums are now being stored on plastic sheeting, raised at the edges, which serves as a temporary secondary containment system. The final waste stream is the damaged insulation which is containerized in fiber drums and marked as to its contents. The inventory of waste material as of May 3, 1994 includes:

dust/loose material	7 drums
discarded PPE	23 drums
wash water	7 drums
→ ✕ insulation	19 drums

➤ The fate of the insulation on the interior wall of Building No. 3 will be removal and disposal. Since this is an interior wall a decision was made that it would be easier to simply remove it instead of repairing and/or replacing it. This will be done prior to the coating application and the wall will then be the encapsulated surface.

Results from sampling of the selectively washed inventory are still pending. The inventory was pressure washed and it is expected this will be sufficient in removing any potentially contaminated residue that may be on the

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inventory. To efficiently wash the remaining inventory an automatic washing unit will be brought on-site. It is expected to be on-site the week of May 9th. The system will be housed in a roll-off container and material will be automatically conveyed through the system for a high pressure washing. The wash water will be collected, filtered, and stored in a 1,500 gallon tank for reuse. This will minimize the generation of waste wash water. The tank will be situated in a temporary secondary containment unit, constructed with plastic sheeting and wood, which will collect potential spills. The cleaned inventory will be placed on pallets and stored in a clean building. Waste packaging from the inventory will be stored in a roll-off on-site until disposal is arranged.

Also, as we discussed on the telephone, the metal wall guards already present in Buildings No. 4 and No. 5 will not need to be extended. The work plan had indicated a height of six feet for a metal wall guard in the buildings to protect against damage from equipment and personnel. The existing guard wall is five feet tall in Buildings No. 4 and No. 5 and will be adequate in protecting the walls and insulation. As agreed upon, an additional foot of metal guard will not be installed in Buildings No. 4 and No. 5.

Monday, April 11, 1994 - Sunday, April 17, 1994

The vacuum cleaning operations and insulation repair/replacement continued in Buildings No. 4 and No. 5. The floors are being swept daily with the Tennant floor sweeper. The sweeping (hand) of floors and aisles in Building No. 1 was performed. Accumulated waste begins to be stored in the Maintenance Building. On Thursday, mechanical problems occur with the second HEPA vacuum and by Friday was inoperable. On Sunday, the equipment was serviced and preventive maintenance performed.

Air monitoring indicated levels were within acceptable ranges throughout the week and ranged from 0.011 ppm to 0.941 ppm.

Monday, April 18, 1994 - Sunday, April 24, 1994

The vacuum cleaning operations and insulation repair/replacement continued in Buildings No. 4 and No. 5. Operation problems continue with the second HEPA system. Sweeping of floors began in all buildings with the Tennant sweeper. On Wednesday the ceiling vacuuming was completed. Hand vacuuming in Buildings No. 4 and No. 5 was performed in the floor areas near metal wall guards, corner safety posts, and other areas not reached by the Tennant sweeper. The office in Buildings No. 4 and No. 5 was vacuumed clean and furniture was wrapped in plastic and moved to the Maintenance Building. On Sunday, the equipment was serviced and preventive maintenance performed.

Air monitoring levels remained within acceptable levels and varied from 0.10 ppm to 0.524 ppm.

Monday, April 25, 1994 - Sunday, May 1, 1994

Taping and repairing of the insulation continued in Buildings No. 4 and No. 5. Condensation problems prohibited vacuuming operations on the floor surface on Monday, Tuesday, and Wednesday. Also, high humidity was causing some duct tape to lose adhesion. This tape was replaced with silver foil adhesive tape or glued in place using PVC adhesive. New insulation was installed along outer walls and the top edge of the metal guard wall was hand wiped to remove dust. On Thursday, the floor washing was performed using Tennant 465 cleaner. Insulation beyond adequate repair by tape was covered with silver foil membrane. On Friday, the decon

station was relocated from Buildings No. 4 and No. 5 to Building No. 3 where the cleaning operations will commence next week. On Saturday, the fire extinguishers and light fixtures were removed from Building No. 4 and No. 5 and stored in Building No. 1 until they are cleaned and returned to DICO. Started laying the visqueen in Buildings No. 4 and No. 5 in preparation of wall and ceiling painting.

Air monitoring was only performed on Monday and results ranged from 0.010 ppm to 0.017 ppm.

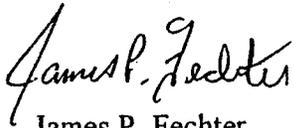
Monday, May 2, 1994 - Sunday, May 8, 1994

The floor washing was completed Monday in Buildings No. 4 and No. 5. Tennant 658 SRS Super Strength Cleaner was used to remove resistant staining and in some areas Tennant 655 Super Strength Concentrate was used as recommended by the Tennant representative. Installation of insulation patches continued. On Tuesday, the encapsulation application began in the Northwest corner. The HEPA vacuum was relocated to the east side of Building No. 3. The floor washing and painting operations continued on Wednesday. Also, the decon station was energized at Building No. 3 and air monitoring began in that building. On Thursday, the painting continued in Buildings No. 4 and No. 5 and the interior office was dismantled. At Building No. 3 the HEPA vacuuming commences along with insulation repair. Dismantling of inner office in Buildings No. 4 and No. 5 was completed. The painting, floor washing, and insulation repair continued. At Building No. 3 the HEPA vacuuming continued. On Saturday, the painting equipment was cleaned.

Air monitoring in Building No. 3 indicated levels ranging from 0.019 ppm and 1.22 ppm.

In the following month, painting operations will continue in Buildings No. 4 and No. 5 and cleaning operations in Building No. 3. It is expected that the automatic washing system will be operational by the week of May 22, 1994 and washing of the inventory will commence at that time.

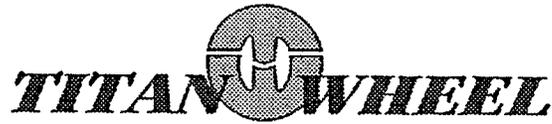
Sincerely,



James P. Fechter
Environmental Engineer

JPF:djk

cc Cheri Holley
Jerry Shanholtzer
Gary Schuster
File



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Date: MAY 13, 1994 To: GLENN CURTIS - SPFD
Company: USEPA REGION VII From: JIM FECHTER
Fax #: 913-551-7063 # of pages 4
(including this one)

MESSAGE:

GLENN, THE FOLLOWING THREE PAGES IS THE SECOND MONTHLY PROGRESS
REPORT FOR THE DES MOINES, IOWA TCE SITE (DICO, INC.) FOR THE
PERIOD OF APRIL 11, 1994 THROUGH MAY 8, 1994. THE "HARD" COPY
IS BEING MAILED TO YOU.

IF YOU HAVE ANY QUESTIONS, FEEL FREE TO CALL ME AT 217-221-4461.

MESSAGE CONFIRMATION

05/13/94 14:37
ID=TITAN WHEEL FACILITIES ENG.

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