

Garry Struthers Associates, Inc. has prepared the following addendum plan to describe the activities that we will be conducting on Wednesday 12/10/97 beginning at 8:00 am. GSA will have Fred Luck, Robin Larson, and Pat Federspiel on-site. The USACE will be required to have somebody onsite with the authority for signing a hazardous waste manifest. In order for GSA to proceed with this plan, we require its approval in writing no later than 1530 hours on Monday December 8, 1997.

GSA will be conducting the following activities:

Transferring material from Bin #20 to an empty bin
Excavating additional soil from the test plot and surrounding area
Collecting additional final confirmation samples
Backfilling, as time permits

The Material transfer will consist of the following activities:

- Moving bin 20 to a convenient location nearby. This bin is perceived to be blocking access to the adjacent empty bin(s), therefore it needs to be moved prior to proceeding.
- A suitable empty bin (already on-site) will be moved to a location that is convenient for the transfer operation. We intend for it to be located so that it would be within the 'swing' of the backhoe. So that the backhoe can scoop soil from bin #20 and load it into the empty bin with minimal movement.
- Visqueen will be laid in the area around both bins and underneath where the backhoe will be operating.
- Dust monitoring will be occurring in accordance with Section 6 of the approved Site Safety and Health Plan. The dust monitor will be worn by the person working closest to the transferred material; this will be the operator for most of the activity or anybody working within the extent of bin #20. Minimum PPE requirements will be in accordance with the table within Section 6 of the approved Site Safety and Health Plan.
- A water hose will be available for dust suppression as needed, see Section 6 of the approved Site Safety and Health Plan
- The backhoe will excavate as much material as he practically can from the top of Bin #20 and transfer this material directly into the empty bin.
- At the point where further excavation from the top of the bin is not productive, a laborer(s) will enter the bin (from the top) and shovel soil away from the side door of the bin, until the side door can be opened with minimal chance of material spillage.
- Once able, the side door to the bin will be opened.
- The backhoe operator will continue to excavate as much material as practical from the bin and transport this material directly into the receiving bin.
- Once it becomes impractical to use the backhoe directly, laborers will enter the bin and will manually shovel remaining material into the backhoe bucket.
- Once shoveling becomes impractical, brooms will be employed to sweep any remaining material into piles so that it may be shoveled into the backhoe bucket.

- If necessary, the insides of the bin will be hosed down to loosen/ remove any residual material that can not be removed through sweeping. If this is employed, then the 30-mil PVC decon pad liner will be situated immediately outside of the bin door to collect any rinse water. The pad liner will be supported upon the logs in such a manner that it is trough shaped. A squeegee broom will be used to collect excess rinse water from the interior of Bin #20.
- The backhoe bucket(s) and any used shovels/brooms will be deconned in such a manner that the rinse water generated will go directly into the receiving bin. Any rinse water generated during the rinsing of the bin will be pumped directly into the receiving bin.
- The attached AHA will be followed for this activity.

Additional soil excavation

- Soil will be excavated from the western portion of grid 4B. This excavation will proceed downward in such a manner that the entire grid will be at one elevation, corresponding to the existing elevation for the eastern portion of grid 4B (approximately 3.5 feet below grade). This requires approximately 2.5 feet of excavation from this location.
- Approximately six inches of soil will be excavated from the northern sidewall of grid 7A.
- Approximately twelve inches of soil will be excavated from the northern sidewall of grid 8A.
- The backhoe and any tools used will be deconned at the location of the existing decon pad. Decon water will be collected and containerized for disposal.

Since the excavation activities for the sidewalls of grids 7A and 8A are technically beyond the scope of the contract, GSA will agree to this work with payment at the negotiated unit prices at this time so long as the USACE agrees that the backfill requirements of Section 02210 apply.

Collecting additional final confirmation samples

- GSA will collect a soil sample from grid 2B. This sample will be located as close as practical to the sampling location used for the collection of the focused removal confirmation sample that was also collected from this grid. This sample will be sent to the laboratory for OP pesticide analysis.
- The USACE will collect a sidewall sample following excavation activities from grid 8A. This sample will be sent to the laboratory for OC pesticide analysis.
- The USACE will also collect a sidewall sample following excavation activities from grid 7A. This sample will be sent to the laboratory as an archived sample. This sample will be analyzed for OC pesticides only in the event that the sample results from the grid 8A sample indicate that the excavation is 'clean' with respect to all analytes except for DDE. This sample will not be analyzed if it is determined that the excavation is 'clean' with respect to all analyzed analytes.

Backfilling

- Prior to backfilling the visqueen that exists within the excavation will be removed and disposed of in the solid waste dumpster. Those areas that are in question as to whether cleanup criteria have been met, i.e. the lower portion of grid 2B will be lined with new visqueen.
- If time permits, backfill will be placed in the excavation in all accessible areas except near those that may require additional excavation. The areas which will not be backfilled would be the lower tier of grid 2B and near the north sidewalls for grids 7A and 8A. Back fill materials may be stockpiled near these areas. Backfilling may continue into Thursday if weather permits.