		Sheetrock, Wall by windows, white paint fair	Remove loose and peeling paint and stabilize and paint
10	19 Room 1	Wood, Windows and casing, white paint fair	Remove loose and peeling paint and stabilize and paint
	Room 2	Concret, Workshop floor, Red paint fair	Remove loose and peeling paint and stabilize and paint
		Concrete, Rear workshop ceiling, White paint fair	Remove loose and peeling paint and stabilize and paint
		Concrete, Rear workshop, White paint fair	Remove loose and peeling paint and stabilize and paint
		Wood, Rear workshop door/jamb, White paint fair	Remove loose and peeling paint and stabilize and paint
		Wood, Rear workshop windows/casings, White paint fair	Remove loose and peeling paint and stabilize and paint
	Room 3	Concrete, Bathroom ceiling, White paint fair	Remove loose and peeling paint and stabilize and paint
		Concrete, Bathroom walls, White & Beige paints fair	Remove loose and peeling paint and stabilize and paint
		Wood, Bathroom door/jamb/casing, White paint fair	Remove loose and peeling paint and stabilize and paint
	Room 4	Concrete, Storage loft ceiling, White paint fair	Remove loose and peeling paint and stabilize and paint
		Concrete, Storage loft wall, White paint fair	Remove loose and peeling paint and stabilize and paint
	Room 5	Concrete, Rear storage ceiling, White paint fair	Remove loose and peeling paint and stabilize and paint
		Sheetrock, rear storage walls, White paint fair	Remove loose and peeling paint and stabilize and paint
		Wood, Rear storage windows/casing, White paint fair	Remove loose and peeling paint and stabilize and paint
10	54 Room 1	Concret, Workshop wall, Pink paint fair	Remove loose and peeling paint and stabilize and paint
	Room 2	Metal/wood, Bedroom window/sash/jamb, White paint fair	Remove loose and peeling paint and stabilize and paint
	Room 3	Metal/wood, Kitchen window/sash/jamb, White/black paints fair	Remove loose and peeling paint and stabilize and paint
	Room 4	Wood, Loft ceiling, White paint fair	Remove loose and peeling paint and stabilize and paint
		Wood/concrete, Loft wall, white paint fair	Remove loose and peeling paint and stabilize and paint
		Wood, Loft window/sash, Black paint fair	Remove loose and peeling paint and stabilize and paint

	Room 5	Wood, Loft window/sash, Black paint fair	Remove loose and peeling paint and stabilize and paint
10	Room 5	metal, Bathroom shelf /cabinet, Red paint fair	Remove loose and peeling paint and stabilize and paint
10	55 Room 1	Wood, Workshop wall, White paint fair	Remove loose and peeling paint and stabilize and paint
		Wood, Workshop window/casing, White paint fair	Remove loose and peeling paint and stabilize and paint
		Metal, Workshop pipes, White paint fair	Remove loose and peeling paint and stabilize and paint
	Room 4	Wood, Office column, White paint fair	Remove loose and peeling paint and stabilize and paint
	Room 5	Wood, Kitchen stair newel post, White paint fair	Remove loose and peeling paint and stabilize and paint
10	56 Room 1	Wood, Workshop wall, White paint fair	Remove loose and peeling paint and stabilize and paint
	Room 5	Wood, Bedroom chair rail, White paint fair	Remove loose and peeling paint and stabilize and paint
	Room 7	Wood, Hallway door, White paint fair	Remove loose and peeling paint and stabilize and paint
	Room 8	Wood, Bedroom column, White paint fair	Remove loose and peeling paint and stabilize and paint
	Room 11	Wood, Bathroom shelf, White paint fair	Remove loose and peeling paint and stabilize and paint
	Exterior of Buildings	Metal, Exterior wall A - door/casing, Gray paint fair	Remove loose and peeling paint and stabilize and paint
		Wood, Exterior wall A - door/casing/jamb, White paint fair	Remove loose and peeling paint and stabilize and paint
		Concrete, Exterior wall B, Beige paint fair	Remove loose and peeling paint and stabilize and paint
		Metal, Exterior wall C - window/sash/casing, gray paint fair	Remove loose and peeling paint and stabilize and paint
		Wood/metal, Exterior wall C - door/casing, Gray/white paints fair	Remove loose and peeling paint and stabilize and paint
		Metal, Exterior wall C - stairs/railing cap,Blue/yellow paints fair	Remove loose and peeling paint and stabilize and paint
		Wood, Exterior wall C - Beam, Gray paint fair	Remove loose and peeling paint and stabilize and paint
Storag e	Exterior of Building	Metal, Exterior wall A - door/casing, Red paint fair	Remove loose and peeling paint and stabilize and paint
		Concrete, Exterior wall B, Brown paint fair	Remove loose and peeling paint and stabilize and paint

		Metal, Exterior wall B - Fascia, Red paint fair	Remove loose and peeling paint and stabilize and paint

6.4 Control Of Emission And Dust

Caution signs: At each separate work area, the contractor performing the abatement shall display a caution sign in the following manner wherever the treatment process is reasonably expected to break or disturb any lead-containing substances:

1. Except in emergency situations, at least three (30 days before removing LBPC building components, the abatement contractor shall post signs immediately outside all entrances to the lead abatement work area.

2. The abatement contractor shall keep the signs posted until the designated inspector/assessor, issues the written certification notice clearance test for lead dust have been performed and met the minimum standards of the HUD guidelines.

3. The abatement contractor shall insure that the signs required meet the following description:

    a. The signs are at least 20 feet by 14 feet and state the date and place of the abatement project.

    b. The signs shall read as follows:

WARNING
LEAD PAINT REMOVAL HAZARD
UNAUTHORIZED ENTRY PROHIBITED
NO SMOKING, EATING OR DRINKING ALLOWED IN THE WORK AREA.

6.5 Clean Up Work Area

Door and window barries shall not be removed untill the door and window openings and polyethylene sheeting thoroughly cleaned as specified in this section, all debris have been properly bagged and removed from work areas, and the lead surface wipe samples have been taken in accordance with provisions detailed herein.

Prior to installing new windows, the contractor shall wash entire window openings, wood trim, etc., with a cleanding solution of tri-sodium phosphate or other approved cleaning agent.

After removing polyfilm from floors and prior to installing new interior doors, door jambs, door molding and new gypsum board, the contractor shall wash the entire floor surface with a cleaning solution of tri-sodium phosphate or other cleanding agent.

6.6 Waste Disposal

The contractor shall remove within forty-eight (48) hours all lead waste from the site after completing the clean-up.

Windows and glazing, doors, siding, and other LBPC building components, shall be removed intact and wrapped in 6 mil polyfilm. Tape ends and body of wrapping to ensure tight enclosure and prevent any form of lead from been air borne. The lead abatement contractor shall transport and dispose of lead waste in a legal manner to prevent any form of lead from becoming airborne at all times.

Lead wastes must be segregated into the following categories and stored in the proper containers:

Waste Categorization/Separation

Category I	Low lead waste (typically non-hazardous) such as construction materials, filtered wash water, clean plastic and other items that test non-hazardous.
Category II	Stabilize architectural components such as painted finished items like doors, windows, trim etc.
Category III	Concentrated lead waste (typically hazardous such as paint sludge, paint chips, vacuum debris, vacuum filters and any waste testing hazardous.
Category IV	Other waste requiring testing.

Each lead waste category must be tested using the California testing requirement called the Soluble Threshold Limit Concentration (STLC), also know as WET (Waste Extraction Test).

Depending on the results of the STLC tests, the waste will be disposed of according to the following lead-based paint hazardous waste disposal protocol:

Waste Testing

Soluble Threshold Limit Concentration (STLC) equal to or exceeds 5 milligrams per liter (mg/L)

Disposal Facilities

- **Class III**

  1. Component adhered construction debris.

     Regulatory guidance from DTSC (Generator should consider the ratio of the mass of all materials in a waste to the lead content).

     a. Burrito Wrap
     b. Non-Hazardous Data Form
     c. Most economical form of lead disposal

  2. Non designated waste

     STLC or WET >1.5 mg/L

     a. No Profile Required
     b. Non Hazardous Data Form
     c. Burrito Wrap, bagged or drummed (fiber drums only)
     c. Reserve Landfill space in advance
     d. Still very economical

- **Class II**

  1. Designated Waste

     Considered waste that may release a contaminant into ground water in excess of water quality objectives if discharged to land STLC or WET 1.5 mg/L to < 5 mg/L.

     a. Profile may be Required.
     b. Non Hazardous Data Form.
     c. Packaging is usually drums, other packaging okay with approval.
     d. Landfill may require additional analytical results.
     e. Increased transport and disposal costs.

- **Class I**

1. Hazardous Waste
   WET Result of > 5 mg/L
   California hazardous waste (direct landfill)
   TCLP Result of > 5 mg/L
   RCRA hazardous waste (stabilization required)
   Profile (profiling waste may take up to 2 to 3 weeks and should begin at the onset of abatement. Your hauler can not transport or hold the waste until the waste profile has been approved).

   A. Representative sample.
      One quart (separate samples for each characterized waste stream)

   B. Worksheet

   1. Generator knowledge of waste, include any analytical results and MSDS.
   2. Component breakdown must match representative sample.
   3. Separate worksheet for each characterized waste stream.
   4. Packaging.
      - DOT approved drums (metal or poly).
      - Bulk or bagged waste should be burrito wrapped.
   5. Labelling
      - Red and yellow hazardous label.
      - Class 9 diamond label (for RCRA waste only).
   6. Storage.
      - Ninety days maximum job site storage. Accumulation label.
   7. Transport.
      - Hazardous waste manifest and LDR.
      - Label drum lids with manifest number and profile manifest.

7.0 TESTING

After the lead abatement, clean-up and waste removal, the monitoring contractor shall conduct post abatement clearance tests for the abated units, in accordance with the requirements of the HUD Guidelines. HUD guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing" June 1995, Chapter 15, Table 15.2, determines the minimum number of samples to be taken from bare and carpeted floors, interior window sills, window troughs and exterior concrete and other rough surfaces in each unit. Samples will be analyzed by a qualified laboratory utilizing atomic absorption sopectroscopy. The monitoring contractor shall submit the test results indicating that the lead dust level in the tested unit is below that allowed by the regulatory agencies (not to exceed: 100 micrograms per square foot at the floors, 500 micrograms per square foot at interior window

sills and 800 micrograms per square feet at the window troughs, exterior concrete and other rough surfaces). If the test results indicate higher levels, the contractor shall repeat the clean up procedure and request repeated clearance tests until the unit is tested and forund to contain an acceptable level of lead dust.

Contractor shall submit the contractor's representation certification to the monitoring contractor to request clearance testing.

Monitoring contractor shall conduct post-modernization clearance testing after all modernization is complete.

8.0 SOIL ABATEMENT

8.1 Contaminated Soil

Soils reported by laboratory analysis as having excess levels of lead in the planter area should be covered gravels or vegetation after removal of top 6 inches layer. The soil around the tracks may be paved with asphalt.

8.2 Excavated Soil

The excavated soil generated during the removal of fuel underground storage tanks will hauled off-site. The soil should be manifest before transportation.

a. Vehicle Operation All trucks and containers loaded with contaminated soiul should be insopected for loose material adhering to the outside of the body, chassis or tires before departure from the work site. (Such material should be cleaned up before the vehicle leaves for the disposal site).

b. Soil should be loaded directly into dump trucks or disposal containers from the worksite. (There should be no double handling of contaminated material).

c. Loaded trucks or containers may be left on site overnight provided they are secured to prevent access or leakage. (By no means loaded trucks or containers be left on site over the weekend).

d. A load manifest system should be used to keep an exact record of the time and location of disposal.

9.0 SUBMITTALS

Certificates of training and medical screening for all personnel who will be performing the work under this contract. Contractor shall complete and submit the Compliance Plan - OSHA, Form CP01 attached to this section within ten calendar days of the Notice of Award.

An abatement plan outlining proposed abatement schedule and procedures. This plan will include a description of the clean room to be provided and where it will be located.

The contractor shall inform the owner of the location of the approved waste disposal site and provide a certification after waste disposal.