

# ERS SOLUTIONS, INC.

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## FACSIMILE TRANSMITTAL SHEET

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TO:	Mike Pecullan	FROM:	Jim Reese
COMPANY:	DLA/DNSC	DATE:	10/15/01
FAX NUMBER:	703-767-6795	TOTAL NO. OF PAGES INCLUDING COVER:	2
PHONE NUMBER:	703-767-7620	SENDER'S REFERENCE NUMBER:	NA
RE:	Survey Unit Map	YOUR REFERENCE NUMBER:	

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URGENT     FOR REVIEW     PLEASE COMMENT     PLEASE REPLY     PLEASE RECYCLE

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NOTES/COMMENTS:

Mike

Attached is a rough outline of the proposed survey units (SU) for the New Haven depot. At the bottom is the SU classification. Those areas listed as class 1 areas have residual radioactivity. I propose that the housekeeping surveys be performed on SUs 2, 3, & 4.

If there are any questions please let me know.

Sincerely,

James Reese  
ERS Solutions, Inc.

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# PROJECT PLAN

## PURPOSE

To remove contaminated material from Survey Units 3 (SU 3) [Scale Area} and SU4 [Previous Rail Car Shrink Wrap Area] in preparation for the conduct of the FINAL closure survey.

## SCOPE

The scope of the effort will be to remove the minimum volume of contaminated material from SU 3 and SU 4 using a front-end loader/backhoe tractor, manual shoveling as may be required, and transport the material from the effected areas to SU 1 [previous pile storage area] for storage until such time as SU 1 is remediated.

## RESPONSIBILITES

The ERS site representative will have the following responsibilities:

- ◆ Identify and mark the boundaries of the effected areas to be worked;
- ◆ Communicate the appropriate contamination controls to be utilized for the clean up work;
- ◆ Monitor the work to determine when the appropriate amount of material has been removed;
- ◆ Perform post clean up survey of the effected areas and the equipment used in the effort.

The DNSC site representative will have the following responsibilities:

- ◆ Provide the necessary heavy equipment, equipment operators, and other labor needed to remove the contaminated material and transport the material to the SU 1 storage area;
- ◆ Determine the need for appropriate backfill/ballast material to replace the contaminated material removed during the remediation, and provide the necessary backfill material in accordance with a plan and schedule which will be implemented by DNSC.

## DESCRIPTION OF WORK

The ERS site representative will conduct a background survey and an initial survey of SU 3 and SU 4 to establish the boundaries of the effected area. Once determined, the boundaries will be clearly demarked using marking paint. Those areas exhibiting radioactive measurements in excess of 2 times the background will be included in the clean up work. A thallium activated sodium iodide (NaI[Tl]) detector will be used to perform the surveys.

DNSC assigned personnel will operate heavy equipment to remove a rock/ballast material to expose the underlying soil. It is anticipated that rock/ballast material located in the effected areas outside of the railroad tracks will be easily removed using either a front-end bucket and/or backhoe. Ballast material located between the railroad ties may need to be removed by hand using a shovel due to the interference of the ties.

The removed rock/ballast material will be transported to SU 1 for storage. The necessary controls shall be implemented to prevent contaminating the asphalt roadway during transportation between the remediation areas and the SU1 waste storage area. The ERS site representative and the DNSC site representative shall jointly determine the most effective method for preventing road contamination during

transportation. The effective contamination controls may be administrative (driving slow) or engineered (covering the load).

The contaminated rock/ballast material will be stored on the asphalt pavement inside the designated radioactive material area referred to as SU 1. The material will be stored uncovered on the asphalt surface.

The tires of the heavy equipment and/or transportation vehicle will be checked for potential contamination between the tire treads upon exiting the dirt road from the SU 1 storage area. It is anticipated that highest risk to contaminating the asphalt roadway may be from tire contamination upon leaving the SU 1 storage area's dirt road.

The ERS site representative will monitor the progress of the clean up activities by periodically surveying the area as material is removed.

Once it has been determined that a sufficient amount of material has been removed, the ERS site representative will perform and document post clean up surveys of the effected areas, as well as the asphalt roadway leading to the storage SU 1 storage area.

The ERS site representative will debrief with the DNSC site representative following completion of the site activities.

### **SCHEDULE**

A tentative schedule to conduct the onsite remediation activities has been proposed for the week of March 18 through March 22, 2002. The ERS site representative will meet with the DNSC site representative at least in the morning and at the end of the day to provide an update on the clean up efforts

### **EQUIPMENT/RESOURCE NEEDS**

ERS:

- ◆ Site Representative
- ◆ Survey Equipment
- ◆ Marking Paint

DNSC:

- ◆ Site Representative
- ◆ Tractor with front-end loader and backhoe. Equipment Operator.
- ◆ Dumptruck or similar vehicle to efficiently transport material from remediation sites to storage area. Driver/Operator.
- ◆ Maintenance personnel, shovels.
- ◆ Backfill material.