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June 14, 2004

Commander, Atlantic Division
Naval Facilities Engineering Command
6506 Hampton Boulevard, Building A, Room 1306
Norfolk, Virginia 23508

Attention: EV32JC, Mr. John D. Conway, P.G.

Re: **FINAL** - Letter Report of Findings and Request for "No Further Action"
Building 1919-2
Five ER,N Funded Site Closures
Marine Corps Base
Camp Lejeune, North Carolina

Navy Contract No. N62470-01-D-3009
Delivery Order No. 0101
CATLIN Project No. 203-118

Dear Mr. Conway:

The following letter report is submitted to document recent sampling activities at the subject site, Building 1919-2. CATLIN Engineers and Scientists (CATLIN) was authorized to perform field activities and prepare this letter report by LANTDIV NAVFACENCOM in accordance with Order for Supplies Contract Number N62470-01-D-3009, and Delivery Order Number 0101. Based on the findings of this investigation, Building 1919-2 appears to qualify for "Low Risk" classification and "No Further Action" status.

Background and Purpose of Investigation

(Refer to Figures 1 and 2)

The Building 1919-2 site is located near the intersection of Stone Street and Seth Williams Boulevard, aboard Marine Corps Base (MCB) Camp Lejeune, North Carolina (Figure 1). The site is part of a base housing maintenance facility, and previously contained a 285-gallon fuel oil underground storage tank (UST). The area surrounding the former UST basin is the subject of this investigation.

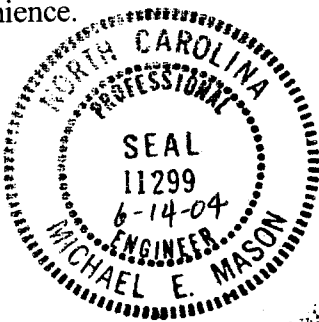
Summary and Conclusions

Previously detected contamination in excess of the 2L GWQS in groundwater samples collected at the Building 1919-2 site appear to have naturally attenuated to levels below laboratory quantitation limits. This site should qualify for "Low Risk" classification and "No Further Action" status is recommended. Should you have any further questions concerning Building 1919-2, please feel free to contact us at your convenience.

Sincerely,

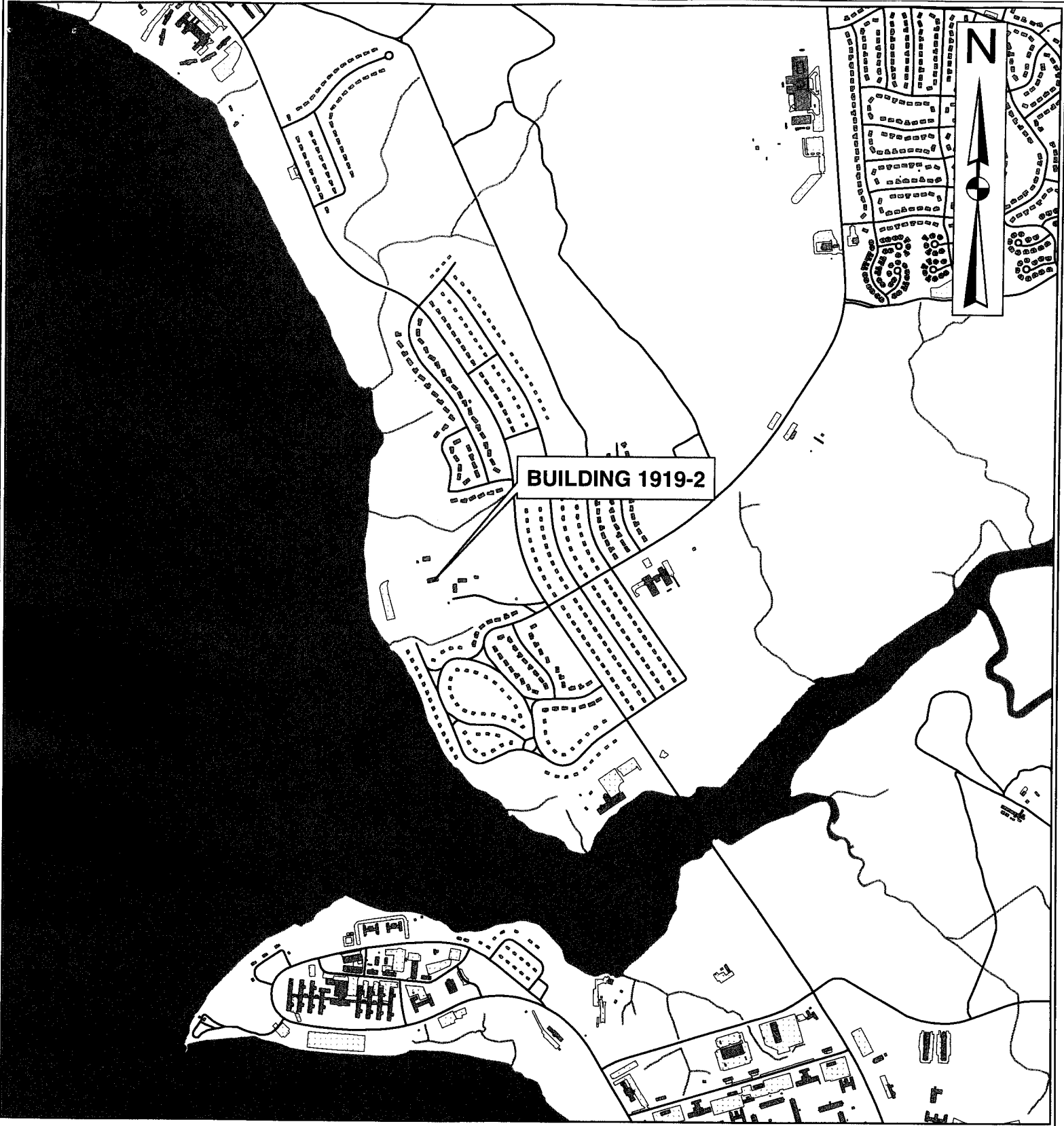


Michael E. Mason, P.E.
CATLIN Program Manager

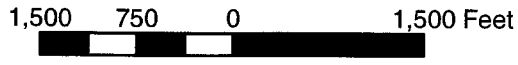


Attachments: Figures 1 and 2, Laboratory Analytical Report

cc: Ms. Pamela Argilan – Code AQ11B Contracts, Correspondence only
Commanding General, Attn: Director I&E, EMD, EQB

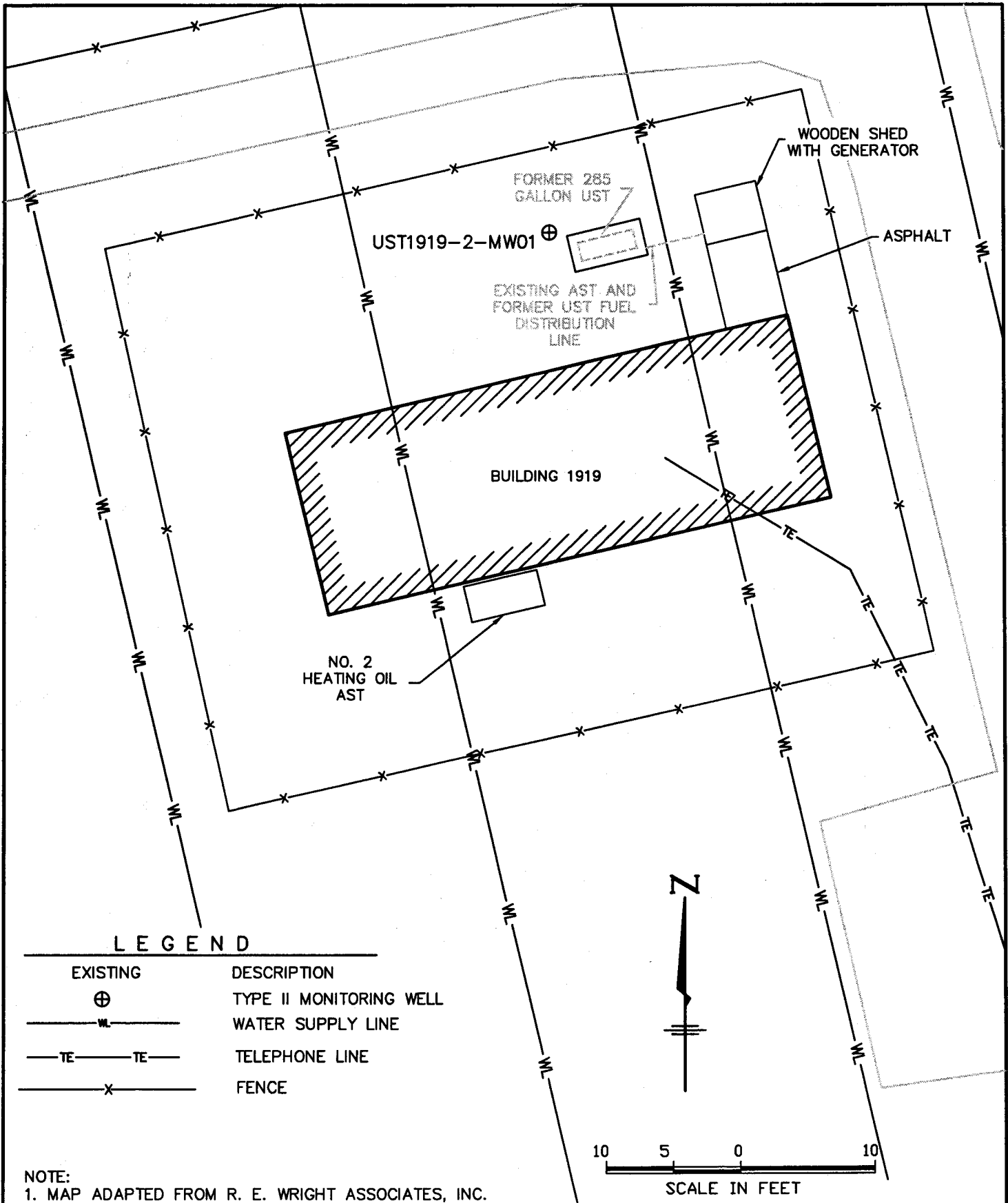


BUILDING 1919-2



SCALE

	PROJECT	TITLE	FIGURE	
	BUILDING 1919-2 MARINE CORPS BASE CAMP LEJEUNE, NC	SITE VICINITY MAP	1	
JOB NO.	DATE	SCALE	DRAWN BY	CHECKED BY
203-118	MAY 2004	AS SHOWN	SAC	MEM



LEGEND

EXISTING	DESCRIPTION
⊕	TYPE II MONITORING WELL
—WL—	WATER SUPPLY LINE
—TE—TE—	TELEPHONE LINE
—X—	FENCE

NOTE:
1. MAP ADAPTED FROM R. E. WRIGHT ASSOCIATES, INC.

<p>CAELIN ENGINEERS and SCIENTISTS WILMINGTON, NORTH CAROLINA</p>	PROJECT SITE CLOSURE BUILDING 1919 MARINE CORPS BASE CAMP LEJEUNE, NC	TITLE BUILDING 1919-2 SITE PLAN	FIGURE 2
	JOB NO: 203-118 DATE: MAY 2004	SCALE: 1" = 10'	DRAWN BY: HCS CHECKED BY: MEM

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Ben Ashba
Richard Catlin & Associates
P.O. Box 10279
Wilmington NC 28404-0279

Report Number: G128-1269

Client Project: 5 site closures-Camp Lejeune

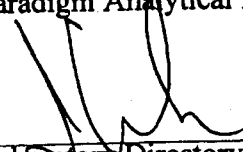
Dear Mr. Ashba:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
Paradigm Analytical Laboratories, Inc.



Laboratory Directory
J. Patrick Weaver

3/15/04

Date

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Semivolatiles
by GCMS 625

Client Sample ID: UST1919-2-MW01
Client Project ID: 5 site closures-Camp Lejeune
Lab Sample ID: G128-1269-4D
Lab Project ID: G128-1269

Analyzed By: MRC
Date Collected: 03-01-2004
Date Received: 03-03-2004
Matrix: Water

Compound	Result ug/L	Quantitation Limit ug/L	Dilution Factor	Date Analyzed
Bis(2-ethylhexyl)phthalate	BQL	10.0	1	03-13-2004
		Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl		10	7.6	76
Nitrobenzene-d5		10	6.4	64
4-Terphenyl-d14		10	7.1	71

Comments:

Flags:

BQL = Below Quantitation Limits.

Reviewed By: 

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Volatiles
by GC 601

Client Sample ID: UST1919-2-MW01

Analyzed By: DCS

Client Project ID: 5 site closures-Camp Lejeune

Date Collected: 3/1/04

Lab Sample ID: G128-1269-4A

Date Received: 3/3/04

Lab Project ID: G128-1269

Matrix: Water

Analyte	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
Bromodichloromethane	BQL	1.0	1	3/9/04
Chloroform	BQL	1.0	1	3/9/04
Surrogate Spike Recoveries		Spike Added	Spike Result	Percent Recovery
1,4-Dichlorobutane		40	38.9	97.2

Comments:

All values corrected for dilution.

BQL = Below quantitation limit.

Reviewed By: 

List of Reporting Abbreviations
and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.

5500 Business Drive, Wilmington, NC 28405
 Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 41592

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Client: Catlin Project ID: 5 site closures - Camp Lejeune Date: 3-3-04 Report To: Ben Ashba @ Catlin
 Address: 220 Old Dairy Rd. Contact: Ben Ashba Turnaround: standard
 Address: Wilmington NC 28405 Phone: 910-452-5861 Job Number: 203-118
 Quote #: DOD 101 Fax: 910-452-7563 P.O. Number: 240115-4 Invoice To: Shale @ Catlin

Sample ID	Matrix	Depth	Time	Date	Temperature	Remarks
ASTAS843-MW03	GW	3-2	11:25	3-3	9:50a	Summary and LeJeune EDD format - REPORT ANY LOW PUNTS
ASTAS843-MW05	GW	3-2	11:15	3-3	9:50a	← report only bis(2-ethylhexyl) phthalate
MW-03 (Building 1919-1)	GW	3-1	2:30P	3-3	9:50a	← report only bis(2-ethylhexyl) phthalate bromodichloromethane, chloroform
AST1919-2-MW01	GW	3-1	2:45P	3-3	9:50a	← report only bis(2-ethylhexyl) phthalate
AST1919-4-MW01	GW	3-2	3:30P	3-3	9:50a	
MW-01 (A5-11B)	GW	3-2	12:00	3-3	9:50a	

Received By: John Johnson Date: 3/3/04 Time: 0850 Temperature: 48C

NC SC Other

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL