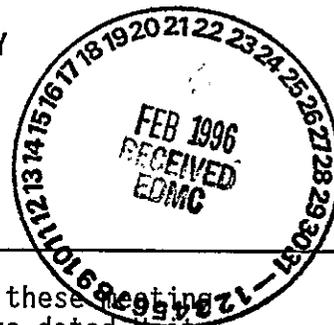


## Meeting Minutes Transmittal - Approved

Unit Managers Meeting  
 4843 ALKALI METAL STORAGE FACILITY  
 2440 Stevens Center, Rm. 2519  
 Richland, Washington

Meeting Held September 27, 1995  
 From 1:00 pm to 2:00 pm



The undersigned indicate by their signatures that these minutes reflect the actual occurrences of the above dated Unit Managers Meeting.

*Ellen M. Mattlin* Date: 1/30/96  
 Ellen M. Mattlin, Unit Manager, RL

Not present.

Date: \_\_\_\_\_  
 Daniel L. Duncan, RCRA Program Manager, EPA Region 10

*Greta P. Davis* Date: 2/15/96  
 Greta P. Davis, Unit Manager, Washington State Department of Ecology

## 4843 Alkali Metals Storage Facility, WHC Concurrence

*Fred A. Ruck III* Date: 1/10/96  
 Fred A. Ruck III, Contractor Representative, WHC

*P. C. Miller* Date: 1/23/96  
 P. C. Miller, Contractor Representative, WHC

Meeting Minutes are attached. The minutes are comprised of the following:  
 Attachment 1 - Agenda  
 Attachment 2 - Summary of Discussion and Commitments/Agreements  
 Attachment 3 - Attendance List  
 Attachment 4 - WHC Internal Memo: 4843 Building Soluble Cation Analysis

## Attachment 1

Unit Managers Meeting  
4843 ALKALI METAL STORAGE FACILITY  
2440 Stevens Center, Rm. 2519  
Richland, Washington

Meeting Held September 27, 1995  
From 1:00 pm to 2:00 pm

### Agenda

1. Approval of Past UMM Minutes
2. Status Action Items
  - No open action items
3. Status Closure Activities
  - Status of Revising the Closure Plan
  - Addition of Aerial Photographs to the Administrative Record
  - Ion Chromatography Results
4. New Business
  - Frequency of Unit Manager Meetings
  - Carbonate Inspection Letter
5. Set Next Meeting Date

## Attachment 2

Unit Managers Meeting  
4843 ALKALI METAL STORAGE FACILITY  
2440 Stevens Center, Room 2519  
Richland, Washington

Meeting Held September 27, 1995  
From 1:00 pm to 2:00 pm

### Summary of Discussion and Commitments/Agreements

#### 1. Approval of Past UMM Minutes

The August 8, 1995, Unit Managers Meeting minutes were approved and signed. There are no outstanding Unit Managers Meeting minutes.

#### 2. Status Action Items

No open action items.

#### 3. Status Closure Activities

##### - Status of Revising the Closure Plan

WHC (Z.C. Knaus) reported that copies of the closure plan are being prepared. The SEPA checklist has been revised.

##### - Addition of Aerial Photographs to the Administrative Record

Z.C. Knaus noted that copies of the aerial photographs have been placed in the Administrative Record.

##### - Ion Chromatography Results

Z.C. Knaus received the Ion Chromatography results and made copies for all involved parties. He added that all results were below background and are not a concern, therefore there is no dangerous waste content in the dust swept up at 4843. A copy of the results will be added as an attachment to these minutes.

#### 4. New Business

##### - Frequency of Unit Manager Meetings

All parties involved in 4843 agreed that monthly meetings are no longer necessary and the next meeting will be held once Ecology finishes its review of the 4843 Closure Plan.

**- Carbonate Inspection Letter**

Z.C. Knaus proposed preparing a carbonate inspection letter to be signed by RL and WHC after a final inspection of the unit. The letter will be signed by WHC and RL personal and will state that the unit is clean as defined in the closure plan. The letter will be placed in the Administrative Record and can be used by the Professional Engineer in certifying closure.

**5. Set Next Meeting Date**

The next meeting will be scheduled upon Ecology's review of Revision 1 of the 4843 AMSF.



**Attachment 4**

**Unit Managers Meeting  
4843 ALKALI METAL STORAGE FACILITY  
2440 Stevens Center, Rm. 2519  
Richland, Washington**

**Meeting Held September 27, 1995  
From 1:00 pm to 2:00 pm**

**WHC Internal Memo: 4843 Building Soluble Cation Analysis**

The WHC Internal Memo from Special Analytical Studies is attached.

To: Zach Knaus  
From: Special Analytical Studies  
L.L. Lockrem \_\_\_\_\_  
Phone: 373-4771 S3-90  
Date: August 14, 1995  
Subject: 4843 Building Soluble Cation Analysis

cc: L.L. Lockrem  
D.J. Smith  
K.J. Young

**Sample Narrative**

One soil sample was received 07/20/95 from 4843 Facility for analysis of soluble cations. Sample was analyzed on 8/10/95 on a DX-100 Chromatograph using EPA Method 300.7. Sample was stored under controlled conditions and extracted with reagent-grade water prior to analysis.

**Sample Results**

Sample ID	Lithium mg/g	Sodium mg/g	Ammonium mg/g	Potassium mg/g	Magnesium mg/g	Calcium mg/g
FT5086-01	<0.010	0.095	0.105	0.208	0.140	0.441

Quality Control

Quality control standards were analyzed before and after sample analysis to demonstrate instrument accuracy and method control. A blank was analyzed to show that there was no contamination added to the sample during the extraction process or to the column of the instrument. Standard recoveries are stated below:

Analyte	Beginning Standard	Ending Standard	Standard Addition to FT5069-08
Lithium	117%	117%	102.3%
Sodium	107%	107%	102.9%
Ammonium	116%	*132%	103.0%
Potassium	104%	104%	113.3%
Magnesium	*144%	*145%	114.7
Calcium	*123%	*133%	113.3
Sodium	111%	112%	101%

\* Standard recovery exceeded method acceptance range of 80-120%.

Reviewed by: Donald J. Smith

Distribution:

F. T. Calapristi	WHC	B2-35
R. M. Carosino	RL	A4-52
D. H. Chapin	RL	N2-36
G. P. Davis	Ecology	B5-18
A. D. Huckaby	Ecology	B5-18
S. K. Johansen	GSSC	B1-42
P. J. Mackey	WHC	B3-15
E. M. Mattlin	RL	A5-15
P. C. Miller	WHC	N2-04
S. M. Price	WHC	H6-23
A. L. Prignano	WHC	H6-23
F. A. Ruck III	WHC	H6-23
RCRA file/GHL	WHC	H6-23
Field File Custodian	WHC	H6-08

ADMINISTRATIVE RECORD: 4843 ALKALI METAL STORAGE FACILITY (S-4-1) [Care of EDMC, WHC (H6-08)]

Washington State Department of Ecology Nuclear and Mixed Waste, Hanford Files,  
P.O. Box 47600, Olympia, Washington 98504-7600

Environmental Protection Agency Region 10, Seattle, Washington 98101,  
Record Center, Mail Stop HW-074

Please send comments on distribution list to Andrea L. Prignano (H6-23),  
(509) 376-1057.