

Meeting Minutes Transmittal - Approved

Unit Managers Meeting
303-K STORAGE FACILITY
FEDERAL BUILDING, RM 784-B
Richland, Washington

Meeting Held September 12, 1995
From 9:00 am to 10:30 am

Via video teleconference

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

Ellen M. Mattlin Date: 3/12/96
Ellen M. Mattlin, Unit Manager, RL

Not Present Date: _____
Daniel L. Duncan, RCRA Program Manager, EPA Region 10

Scott E. McKinney Date: 3/2/96
Scott E. McKinney, Unit Manager, Washington State Department of Ecology

303-K Storage Facility, WHC Concurrence

Fred A. Ruck III Date: 3/12/96
Fred A. Ruck III, Contractor Representative, WHC

Ivan L. Metcalf Date: 3/13/96
Ivan L. Metcalf, Contractor Representative, WHC

Purpose: Discuss Permitting Process

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 - Action Items
- Attachment 5 - Completeness Review of the 303-K Storage Facility Closure Plan, DOE/RL 90-04, Rev. 2A



9613404.1663

VALIDATION SUMMARY

9613404.1664

0000019

9201L082-wes-314

CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET

BO18H9

Lab Name: Roy F. Weston, Inc. Work Order: 6168-02-01-0000

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9201L082-001

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: W012813

Level: (low/med) LOW

Date Received: 01/21/92

% Moisture: not dec. 4

Date Analyzed: 01/28/92

Column: (pack/cap) PACK

Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	11	BU
67-64-1	Acetone	53	BU
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-pentanone	5	J
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	4	J
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

Lab blank
Lab blank

X00803
DR-1
Vade

9613404.1665 0000020

CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BO18H9

Lab Name: Roy F. Weston, Inc. Work Order: 6168-02-01-0000

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9201L082-001

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: W012813

Level: (low/med) LOW

Date Received: 01/21/92

% Moisture: not dec. 4

Date Analyzed: 01/28/92

Column: (pack/cap) PACK

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

9613404.1666

1B

0000027

CLIENT SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS SHEET

BO18H9

Lab Name: Roy F. Weston, Inc. Work Order: 6168-02-01-0000Client: WESTINGHOUSE HANFORDMatrix: SOILLab Sample ID: 9201L082-001Sample wt/vol: 30.4 (g/mL) GLab File ID: S021206Level: (low/med) LOWDate Received: 01/21/92% Moisture: not dec. 8 dec.Date Extracted: 01/22/92Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 02/12/92GPC Cleanup: (Y/N) XpH: 8.2Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) ug/Kg

108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

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0000022

1C

CLIENT SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS SHEET

BO18H9

Lab Name: Roy F. Weston, Inc. Work Order: 6168-02-01-0000Client: WESTINGHOUSE HANFORD

Matrix: SOIL Lab Sample ID: 9201L082-001
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: S021206
 Level: (low/med) LOW Date Received: 01/21/92
 % Moisture: not dec. 8 dec. Date Extracted: 01/22/92
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/12/92
 GPC Cleanup: (Y/N) Y pH: 8.2 Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>ug/Kg</u>
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	91	J
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-Octyl phthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenzo(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U

(1) - Cannot be separated from Diphenylamine

FORM 1 SV-2

12/88 Rev.

9613404.1668

1F

0000023

CLIENT SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BO18H9

Lab Name: Roy F. Weston, Inc. Work Order: 6168-02-01-0000

Client: WESTINGHOUSE HANFORD

Matrix: SOIL Lab Sample ID: 9201L082-001

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S021206

Level: (low/med) LOW Date Received: 01/21/92

% Moisture: not dec. 8 dec. Date Extracted: 01/22/92

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/12/92

GPC Cleanup: (Y/N) Y pH: 8.2 Dilution Factor: 1.00

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.10	200	J
2.	UNKNOWN	5.25	100	J
3.	UNKNOWN	24.92	300	J

BO18H9

Lab Name: Roy F. Weston, Inc. Work Order: 6168-02-01-0000

Client: WESTINGHOUSE HANFORD

Matrix: SOIL Lab Sample ID: 9201L082-001
 Sample wt/vol: 30.4 (g/mL) G Lab File ID: 02149209.36
 Level: (low/med) LOW Date Received: 01/21/92
 % Moisture: not dec. 4 dec. Date Extracted: 01/24/92
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/15/92
 GPC Cleanup: (Y/N) Y pH: 8.2 Dilution Factor: 1.00

CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/Kg</u>
319-84-6	Alpha-BHC	8.2
319-85-7	Beta-BHC	8.2
319-86-8	Delta-BHC	8.2
58-89-9	gamma-BHC (Lindane)	8.2
76-44-8	Heptachlor	8.2
309-00-2	Aldrin	8.2
1024-57-3	Heptachlor epoxide	8.2
959-98-8	Endosulfan I	8.2
60-57-1	Dieldrin	16
72-55-9	4,4'-DDE	16
72-20-8	Endrin	16
33213-65-9	Endosulfan II	16
72-54-8	4,4'-DDD	16
1031-07-8	Endosulfan sulfate	16
50-29-3	4,4'-DDT	16
72-43-5	Methoxychlor	82
53494-70-5	Endrin ketone	16
5103-71-9	alpha-Chlordane	82
5103-74-2	gamma-Chlordane	82
8001-35-2	Toxaphene	160
12674-11-2	Aroclor-1016	82
11104-28-2	Aroclor-1221	82
11141-16-5	Aroclor-1232	82
53469-21-9	Aroclor-1242	82
12672-29-6	Aroclor-1248	82
11097-69-1	Aroclor-1254	160
11096-82-5	Aroclor-1260	160

Handwritten notes: *2-26-92* with a vertical line and arrow pointing down, and *matrix spike* written below it.

5-28-92

9613404.1670

0000016

U.S. EPA - CLP

EPA SAMPLE NO.

1
INORGANIC ANALYSIS DATA SHEET

BO18H9

Lab Name: ROY F. WESTON, INC - L372 Contract: 6168-02-01

Lab Code: WESTON Case No.: WEST SAS No.: SDG No.: CLP082

Matrix (soil/water): SOIL Lab Sample ID: 920108201

Level (low/med): LOW Date Received: 1/21/92

% Solids: 96.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4620.00	✓		P
7440-36-0	Antimony	4.77	U	N J	P
7440-38-2	Arsenic	1.40	B		F
7440-39-3	Barium	56.20			P
7440-41-7	Beryllium	.31	B		P
7440-43-9	Cadmium	.62	U		P
7440-70-2	Calcium	6960.00	✓		P
7440-47-3	Chromium	8.80	✓		P
7440-48-4	Cobalt	9.10	B		P
7440-50-8	Copper	16.20			P
7439-89-6	Iron	15400.00	✓		P
7439-92-1	Lead	2.60	✓	J	F
7439-95-4	Magnesium	4020.00	✓		P
7439-96-5	Manganese	291.00	✓	N J	P
7439-97-6	Mercury	.08	B		CV
7440-02-0	Nickel	10.40			P
7440-09-7	Potassium	649.00	B		P
7782-49-2	Selenium	.42	U	NW	F
7440-22-4	Silver	.83	B		P
7440-23-5	Sodium	149.00	B		P
7440-28-0	Thallium	.42	U	N J	F
7440-62-2	Vanadium	32.40	✓		P
7440-66-6	Zinc	31.10	✓		P
	Cyanide	1.04	U		C

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: BROWN

Clarity After:

Artifacts:

Comments:

V. 156.9 x 2 - 32.40 mg/kg Z: 141.0 - 31.1 mg/kg

FORM I - IN

03/90

22200.0 mg/kg

Cr

3.8 mg/kg

Mg 4020.00

15400.00 mg/kg Mn 291.00

Attachment 1

**Unit Managers Meeting
303-K STORAGE FACILITY
FEDERAL BUILDING, RM 784-B
Richland, Washington**

**Meeting Held September 12, 1995
From 9:00 am to 10:30 am**

Via video teleconference

Agenda

1. Approval of Past UMM Minutes
2. Status Action Items
None
3. Status Closure Activities
 - Status of Closure Plan Rev 2A
 - Status of Future Unit Manager's Meetings
4. New Business
5. Set Next Meeting Date

Attachment 2

**Unit Managers Meeting
303-K STORAGE FACILITY
FEDERAL BUILDING, RM 784-B
Richland, Washington**

**Meeting Held September 12, 1995
From 9:00 am to 10:30 am**

Via video teleconference

Summary of Discussion and Commitments/Agreements**1. Approval of Past UMM Minutes**

The June 20, 1995 and July 18, 1995 meeting minutes have been approved and issued. The May 24, 1995 and August 10, 1995 meeting minutes have been reviewed, but not approved. Approval will occur via mail.

Since the Unit Manager's Meetings (UMM) are being suspended during FY96, this (the September 12, 1995 minutes) will be the last set of minutes issued until the UMMs are restarted.

2. Status Action Items

None.

3. Status Closure Activities**- Status of Closure Plan Rev 2A**

Ecology (S. E. McKinney) stated that the 303-K Storage Facility Closure Plan, Revision 2A, has been received and reviewed. Ecology stated that a completeness letter (attachment 5) has been sent to RL/WHC. The closure plan is ready for inclusion in the Hanford Facility Sitewide Permit Modification C. Note that initial submittal for Modification C is scheduled to start in October 1996. RL (E. M. Mattlin) confirmed that Ecology's completion letter has been received.

RL and WHC (J. G. Adler and F. A. Ruck) noted that the closure plan text on waste handling may need to be revised prior to the start of Modification C. This is in response to the storage problem that occurred at the 304 Concretion Facility. The scope and schedule for implementing this change is not known at this time. RL/WHC will keep Ecology informed as to when this change will occur.

- Status of Future Unit Manager's Meetings

As agreed by Ecology (S. E. McKinney) and RL (E. M. Mattlin), this will be the last Unit Manager's Meeting (UMM) until work is restarted

the 303-K Storage Facility closure activities during FY97. Because of the funding schedule, no work is expected to occur at the 303-K Storage Facility during FY96. Funding for the closure activities becomes available during FY97. Expected restart date for the UMMs is in October 1996. The UMMs may start one or two months earlier to update any new Ecology, RL, or WHC personnel assigned to the project.

A UMM may be called by Ecology or RL before October 1996 if there is a need to meet and discuss any issue relevant to the 303-K Storage Facility.

The minutes from the September 1995 UMM will be the last minutes until the UMMs are restarted.

4. **New Business**

- Closing the Part A Permit

Ecology (S. E. McKinney) asked if the mechanism for closing the Part A Permit for a facility had been determined. WHC (F. A. Ruck) stated that, yes, RL/WHC and Ecology-Kennewick had worked out a procedure. The procedure is as follows:

1. RL/WHC send the certification to Ecology with a request for Ecology's formally acceptance.
2. Ecology sends RL/WHC a letter formally accepting the certification. This letter also includes a requests that RL/WHC resubmit the Part A Form 3 as closed.
3. RL/WHC resubmits the Part A Form 3 with closed and the date of the Ecology letter from step 2.
4. Ecology requests that EPA enter the closed Part A Form 3 into EPA's Resource Conservation Recovery Information System (RCRIS) data base.

Also, the Hanford Sitewide RCRA Permit will be modified to show that the unit is closed and will delete the existing permit conditions. The Hanford Sitewide RCRA Permit will retain the historical record since a copy of each modification is part of the Administrative Record.

5. **Set Next Meeting Date**

The next Unit Managers' Meeting is not expected to be called until October 1996.

9613404.1675

Attachment 4

Unit Managers Meeting
303-K STORAGE FACILITY
FEDERAL BUILDING, RM 784-B
Richland, Washington

Meeting Held September 12, 1995
From 9:00 am to 10:30 am

Via video teleconference

Action Items

Action Item #

Description

None

9613404.1676

Attachment 5

**Unit Managers Meeting
303-K STORAGE FACILITY
FEDERAL BUILDING, RM 784-B
Richland, Washington**

**Meeting Held September 12, 1995
From 9:00 am to 10:30 am**

Via video teleconference

**TITLE - COMPLETENESS REVIEW OF THE 303-K STORAGE FACILITY CLOSURE PLAN,
DOE/RL 90-04, REV. 2A**



Incoming 9504093

STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

Mail Stop PV-11 • Olympia, Washington 98504-8711 • (206) 459-6000

August 22, 1995

Ms. Ellen Mattlin
U.S. Department of Energy
P.O. Box 550, MSIN A5-15
Richland, WA 99352

Dear Ms. Mattlin:

Re: Completeness Review of the 303-K Storage Facility Closure Plan,
DOE/RL 90-04, Rev. 2A

The Department of Ecology (Ecology) has completed review of the latest version of the above closure plan. All previous comments by Ecology have been incorporated into this revised document. The document is considered complete and ready for eventual incorporation into the Hanford Facility Permit, in accordance with the schedules required by the Permit.

As we agreed during previous Unit Manager Meetings, any future work on this closure plan (i.e. last minute page changes and public review process) will be done by an Ecology representative from the Kennewick Office. The 303-K Storage Facility activities will be included in the August and September 1995, Unit Manager Meetings along with the 304 Concretion Facility and the 105-DR LSFF. After that time, any further Unit Manager coordination should be arranged with Mr. Moses Jaraysi in the Kennewick Office.

Final approval of the 303-K Storage Facility Closure Plan will not occur until after completion of the public review cycle and permit modification process.

If you have questions regarding the completeness of the closure plan or the permit modification process, please contact me at (360) 407-7146.

Sincerely,

Scott E. McKinney
303-K Unit Manager
Nuclear Waste Program

SEM:dr

cc: Jason Adler, WHC
Douglas Sherwood, EPA-RL
Administrative Record

Daniel Duncan, EPA
Fred Ruck, WHC

Distribution:

J. G. Adler	WHC	H6-23
F. T. Calapristi	WHC	B2-35
R. M. Carosino	RL	A4-52
M. R. Hahn	RL	R3-79
M. N. Jaraysi	Ecology	B5-18
A. B. Joy	RL	R3-79
S. K. Johansen	GSSC	B1-42
P. J. Mackey	WHC	B3-15
E. M. Mattlin	RL	A5-15
S. E. McKinney	Ecology	Lacey
I. L. Metcalf	WHC	L6-26
S. M. Price	WHC	H6-23
J. A. Remaize	WHC	L6-26
F. A. Ruck III	WHC	H6-23
RCRA File	WHC	H6-23
Field File Custodian	WHC	H6-08

ADMINISTRATIVE RECORD: 303-K Storage Facility, S-3-1, [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 Jason Adler (H6-23),
(509) 376-7513.