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FINAL

Meeting Minutes Transmittal/Approval
Unit Managers Meeting: 216-B-3-Pond
HAPO Building
Richland, Washington

Meeting Held June 25, 1992

B-Pond Closure Plan, Unit Managers' Approval

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

Robert G. McLeod Date: 7-24-92
Robert G. McLeod, RL, Unit Manager

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

Elizabeth A. Wiley Date: 7-24-92
Elizabeth A. Wiley, Ecology, Unit Manager

Fred A. Ruck III Date: 7/24/92
Fred A. Ruck III, WHC, Contractor Representative

Michael A. Mihalic Date: 7.24.92
Michael A. Mihalic, WHC, Contractor Representative

PURPOSE: Monthly status report.

- Attachment # 1 - Attendance List
- Attachment # 2 - Agenda
- Attachment # 3 - Summary of Discussion
- Attachment # 4 - Action Items
- Attachment # 5 - CLP vs SW-846 Deliverables

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Attachment #1

216-B-3 Pond System
Unit Managers Meeting
June 25, 1992

Attendance List

<u>Name</u>	<u>Organization</u>	<u>Phone</u>
William G. Cox	WHC	509-376-1978
Kerwin Donato	SWEC	509-376-8210
Joe King	SWEC	509-376-4726
Jake R. Laws	WHC	509-376-7508
Robert G. McLeod	RL	509-372-0096
Mike A. Mihalic	WHC	509-376-0967
Andrea L. Prignano	WHC	509-376-7513
Fred A. Ruck, III	WHC	509-376-9876
Elizabeth Anne Wiley	Ecology	206-493-9426

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Attachment #2

216-B-3 Pond System
Unit Managers Meeting
June 25, 1992

Agenda

- Review, Amend, Approve, and Distribute Prior Meeting Minutes
- Status NOD Comments
- Phase II Sampling Effort
- New Business

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Attachment # 3

216-B-3 Pond System
Unit Managers Meeting
June 25, 1992

Summary of Discussion

Review, Amend, Approve, and Distribute Prior Meeting Minutes:

The first item of business was to distribute and approve the meeting minutes. Ecology (E. Wiley) made some minor changes which were handwritten in and the minutes were approved.

Status of NOD Comments:

RL (B. McLeod) announced that the NOD comments had been received from Ecology. The original letter requested that the responses be returned by September 8, 1992. However, due to delays in RL receiving the NOD comments, RL (B. McLeod) considers the official date for return of the responses to be September 18, 1992. WHC (J. Laws) has received the NOD comments from RL, but, as of this meeting, has not had time to review them. Ecology (E. Wiley) added that it has not yet received official notice that the turnaround time for responses will be changed to 120 days.

CLP vs. SW-846

Ecology (E. Wiley) provided a handout (Attachment 5) entitled CLP vs SW-846 Deliverables. Ecology (E. Wiley) noted that the two laboratories chosen for comparison are ones that RL and WHC use, and that only a \$5.00 difference was noted between CLP deliverables and SW-846 deliverables. RL (B. McLeod) added that it depends on the kind of package requested; a summary package or standalone deliverables. Ecology's handout only describes the cost of SW-846 and CLP with standalone deliverables, and does not describe SW-846 summary data packages. CLP does not give summary-only packages. For clean closure Ecology (E. Wiley) would like to have standalone deliverables. Both RL (B. McLeod) and Ecology (E. Wiley) stated that the CLP vs SW-846 issue was being examined by the lawyers. Ecology (E. Wiley) added that EPA is going for SW-846; however EPA is having internal discussions on which deliverables to keep and which not to keep. RL (B. McLeod) stated that according to legal and site-wide permit issues, closure analyses for RL should still be performed according to SW-846.

QA Conference

Ecology (E. Wiley) related information on a QA conference being offered in Washington D.C. area by EPA. The conference will be July 12 through 20. E. Wiley will be attending.

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Phase 2 Sampling:

RL (B. McLeod) noted that a letter would be coming out soon from RL on the Phase 2 sampling effort. RL (B. McLeod) described the proposed sampling effort. Three samples will be taken each from lobes B and C. RL (B. McLeod) added that if clean closure is available then lobe A would probably be included. RL (B. McLeod) is still planning on analyzing the samples for metals only, according to SW-846 protocol, and the sample locations will be chosen by RL and Ecology according to the results of the previous sampling efforts.

Ecology (E. Wiley) was agreeable if Ecology's splits could get CLP deliverables. Ecology is securing a laboratory, but at present does not have one contracted. RL (B. McLeod) asked if Ecology had any concerns with the plans for sampling. Ecology (E. Wiley) replied that the only concern was with the schedule, stating that it might have to be in September due to other commitments by the Ecology representative. WHC (F. Ruck) added concerns with high summer temperature affecting the samplers.

New Business:

WHC (F. Ruck) noted that WHC would give presentations on both Interim Stabilization and the By-Pass at the next UMM. There is presently a by-pass into lobe A and one planned into lobe C. WHC (F. Ruck) is working on an integrated schedule for all activities involved with B-Pond closure. WHC (F. Ruck) mentioned the on-going vegetation control and will determine what is used as the herbicide.

RL (B. McLeod) asked for clarification from Ecology on the interim stabilization letter. WHC (F. Ruck) responding to the letter from Ecology, added that when the water into B-Pond is discontinued, the area must be interim stabilized according to the Atomic Energy Act; the interim stabilization is not a precursor for any RCRA closure activities, it is a required Radiation Area Reduction Activity (RARA). The simplest and least expensive method to interim stabilize is to place clean fill over the area. This information should be covered in the presentations at the next UMM.

RL (B. McLeod) asked for clarification of Ecology's concerns about placing a cap on B-Pond. Ecology (E. Wiley) responded by saying that Ecology management wants everything to be done at the same time including the area in the CERCLA unit that used to be part of B-Pond. WHC (F. Ruck) described the section as a past practice area consisting of 30 to 40 acres of land to the west of B-Pond. This area was called the B-Pond Swamp and extended from where the berm ends to B-Pond. The area was active in the 1940s, 1950s, and 1960s after which the main lobe, dikes, etc were made. Discussion continued on how to integrate this type of system, under RCRA Closures and CERCLA. RL (B. McLeod) added that RL plans to consider the RCRA-approved cap for B-Pond when the entire area can be considered as a whole. This would also alleviate funding problems. RL (B. McLeod) reiterated that this is a RCRA-CERCLA integration issue.

Meeting ended: 9:03 am

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Next Meeting:

The next UMM will be July 24, 1992 in Richland, Washington at 1:00 pm.

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Attachment #4

216-B-3 Pond System
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Action Items

<u>Action Item</u>	<u>Description</u>
11-12-91:1	Ecology will review the Phase I sampling report along with the sampling data and prepare a formal transmittal of their findings to RL/WHC. Action: E.A. Wiley (Ecology)
10-7-91:1	Ecology will review the effluent stream characterization data and inform WHC (F. Ruck III) if the data is acceptable. Action: Joe Witczak CLOSED
8-22-91:2	WHC will provide Ecology with the latest characterization and analytical data on the liquid effluent streams which discharge into B Pond. Action: F. Ruck CLOSED Ecology (Joe Witczak) will determine whether data supplied is sufficient. (10-7-91)
8-22-91:1	WHC will provide Ecology with the raw lab data for the Phase 1 samples at the September 1991 meeting. Action: T. Wilczek CLOSED
5-27-92:1	Ecology to determine its position on split sampling/analysis option for phase 2 sampling effort. Action: E. A. Wiley.

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Attachment #5

216-B-3 Pond System
Unit Managers Meeting
June 25, 1992

CLP vs SW-846 Deliverables

Attached.

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CLP vs SW-846 Deliverables

Datachem Laboratories, Inc.

CLP Deliverables:

Metals/full Target Analyte List plus cyanide-\$350.00

Semi-VOAs-\$660.00

VOAs-\$373.00

Pest/Herb-\$350.00

Matrix Spike every 10 samples-\$505.00

For mixed waste, there is a 40% surcharge on all samples.

SW-846 Deliverables/(RCRA):

Same as above

The CLP deliverables fall under a standard format, but the SW-846 deliverables need to be specified. The CLP deliverables are useful for detecting trace and low concentrations of analytes. The CLP detection limits are set much lower and there is a more rigorous QA/QC program. The laboratory person I spoke with said that the CLP deliverables would be more beneficial to our needs.

Generally the data package can be ready in 35 days. Lower prices for greater numbers of samples. This price list is for 10-12 samples or less.

Lab Contact: Rand Potter

S-Cubed Laboratories

Please refer to the attached price list from Maxwell S-Cubed Laboratories.

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SORRENTO VALLEY OFF
3398 Carmel Mountain Road., San Diego, CA 92121-1
P.O. Box 1620, La Jolla, CA 92038-1

Quote No.: 10197
Date: 06/01/92

QUOTATION FOR SERVICES

Buyer: State of Washington - Department of Ecology
Address: Mail Stop PV-11; Olympia, WA 98504-8711

Project Name: <u>S-Cubed I</u>	Contact: <u>Betty Ann Wiley</u>
Telephone: <u>(206) 459-6000</u> Fax: <u>(206) 459-6859</u>	S-Cubed Project Manager: <u>J. DeWald</u>

Method Reference	No. of Samples	Unit Price (\$)	Total Cost (\$)
See Attached			

Turnaround Request 30 Day Sample container supplied: Attachments to quote:
 Report Format Full CLP Yes Yes
 QC Samples Required _____ No No

Please note that, unless designated otherwise, the MS, MSD, and replicate samples will be billed at the per-sample price.

S-Cubed, a division of Maxwell Laboratories, Inc., (Seller), agrees to perform the above designated analytical services at the prices quoted, through 60 Days.

The analytical services provided under this quotation are expressly conditioned on Buyer's acceptance of the terms and conditions specified on the reverse side of this form. Buyer's submission of samples indicates acknowledgement and acceptance of those terms and conditions.

Buyer

Date

J. DeWald

Seller Authorization

6/2/92

Date

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QUOTE 10197 ATTACHMENT

		Base Price	
		Water	Soil
TAL Metals	CLP	332	332
TCL Organics	VOA CLP	278	278
	SVOA CLP	522	535
	OCP CLP	264	288
TCL Organics	VOA CLP	278	278
	SVOA CLP	522	535
TCL Pesticides	CLP	265	288
TCL Herbicides	8150	289	289
TAL Metals	6010 & 7000s	332	332
Full Metals*	6010 & 7000s	332	332
TCL Organics	VOA 8240	266	266
	SVOA 8270	510	523
	Pesticides 8080	265	288
TCL Organics	VOA 8240	266	266
	SVOA 8270	510	523
Pesticides	8080	264	288
Herbicides	8150	289	289

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		Price Per Sample	
		Water	Soil
Full TCLP	TCLP Leaching	20.00	80.00
	ZHE Leaching (for VOA)	20.00	175.00
	SVOA (TCLP List) 8270 or CLP	510.00	510.00
	VOA (TCLP List) 8240 or CLP	254.00	254.00
	Pesticide (TCLP List) 8080 or CLP	241.00	241.00
	Herbicide (TCLP List) 8150	289.00	289.00
	Metals (8 - TCLP Metals Only) 6010 & 7000s or CLP	266.00	266.00
		1,600.00	1,815.00
Optional MeOH - Modified 8015		225.00	225.00

Notes:

*Includes TAL Metals + Mo.

- MS, MSD, and replicate samples are considered separate samples and are billed at the per-sample cost. All other QC is included in the price.
- Turnaround time is 30 days, reporting is Full CLP or SW-846 deliverable packages. Disk deliverables are extra.
- Prices are based on small sample lots < 7 samples discounts for larger sample lots are given below.
 - 8 to 20 10%
 - 20 to 50 15%
 - > 50 Consult Laboratory
- Rush turnaround may be available on a case-by-case basis for an additional charge.
- Mixed waste samples require a 30% surcharge for handling. In addition, the client must follow S-Cubed specifications for labeling, screening, and shipping of samples. Mixed waste samples will be returned to the client after analysis.

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Distribution:

R.M. Carosino	RL	(A4-52)
C.E. Clark	RL	(A5-15)
W.G. Cox	WHC	(H4-57)
D.L. Duncan	EPA	(HW-106)
G.D. Forehand	WHC	(B2-35)
K.R. Fecht	WHC	(H4-56)
C.J. Geier	WHC	(B2-19)
R.D. Izatt	RL	(A5-15)
G.W. Jackson	WHC	(R2-29)
J.D. King	SWEC	(A4-35)
R.N. Krekel	RL	(A5-15)
R.J. Landon	WHC	(B2-19)
R.E. Lerch	WHC	(B2-35)
R.G. McLeod	RL	(A5-19)
M.A. Mihalic	WHC	(L4-88)
A.L. Prignano	WHC	(H4-57)
F.A. Ruck III	WHC	(H4-57)
E.A. Wiley	Ecology	

GSSC RCRA UMM File, A4-35

ADMINISTRATIVE RECORD (216-B-3 Pond System, D-2-5) [Care of EDMC, WHC (H4-22)]

Washington State Department of Ecology, Nuclear and Mixed Waste Library,
Mail Stop PV-11

Environmental Protection Agency, Region 10, Seattle, WA, HW-106

Please send comments on distribution list to Kym Tarter (H4-57) 376-4701.

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