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February 13, 1992

Meeting Minutes Transmittal/Approval
Status of 200 AAMS Activities
450 Hills Street, Rm 47
December 17, 1991

From/ Appvl.: Allen Harris Date: 2-26-92
Allan Harris, 200 Aggregate Area Unit Manager, DOE-RL (A5-19)

Appvl.: David P. Gini for Date: 26 Feb 92
Doug Sherwood, 200 Aggregate Area Unit Manager, EPA (B5-01)

Appvl.: Charles J. Deane Date: 3/25/92
Larry Goldstein, 200 Aggregate Area Unit Manager, WA Dept of Ecology

Meeting Minutes are attached. Minutes are comprised of the following:

- Attachment #1 - Meeting Summary/Summary of Commitments and Agreements
- Attachment #2 - Attendance List
- Attachment #3 - Action Item Status List
- Attachment #4 - 200 AAMS Program Update
- Attachment #5 - 200 AAMS Field Activities Update

Prepared by: John Taylor Date: 3/25/92
SWEC Support Services

Concurrence by: [Signature] Date: 2/26/92
WHC RI Coordinator

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Attachment #1

Meeting Summary and Summary of Commitments and Agreements

Status of 200 AAMS Activities December 17, 1991

Action Item Update

#2AAMS.2: Closed; Steve Trent (WHC) gave a copy of the map to Ward Staubitz (USGS) on November 21, 1991.

Aggregate Area Management Study Work Progress

2. Curt Wittreich (WHC) presented an update on the status of the 200 aggregate area management study (AAMS) program (see Attachment #3). Five reports are currently in preparation. They are the U, Z, S, T Plant reports and the 200 West report. A meeting will be held on January 8, 1992 to discuss what will generally be contained in the 200 AAMS Reports. Mr. Wittreich said the Phase II Groundwater Sampling and Analysis Plan for S Plant had been transmitted to DOE-RL.
3. Steve Trent (WHC) presented an update on the status of the 200 AAMS groundwater sampling and geophysical logging field activities (see Attachment #4). Mr. Trent identified the groundwater wells that are currently being sampled under the RCRA/CERCLA program and the additional groundwater wells that will be included in the 200 AAMS program on a 200 Area map.
4. The S Plant Sampling and Analysis Plan Appendix for the spectral and gamma logging program was transmitted to DOE-RL. Mr. Trent identified the location of the wells delineated for logging and the associated facilities on a diagram. The spectral logging program has been initiated. The logging program is slightly behind schedule due to equipment problems, but the program should be on schedule by the end of January.
5. Chuck Cline (Ecology) was concerned that the spectral gamma logging analysis be completed in the 100 Areas for the boreholes now being drilled since they are temporary holes. Also, Rich Hibbard (Ecology) said the 100 Area would be remediated before the 200 Area. Curt Wittreich stated that the revised Tri-Party Agreement change package specifically called for the 200 Area to be logged first. Mr. Wittreich added that the interpretation of the data is so time-intensive that the logging schedule cannot slip or else the topical report would not be generated by October 1992. Mr. Cline stated that the schedule showed logging to begin at the 100 Areas by the end of May or the beginning of June at the last meeting on the 100 Areas. This is about the time that logging at the 200 Areas would be finished. Mr. Cline added that perhaps the priorities should be switched while still trying to maintain the milestone and also get the work done. Mr. Wittreich stated that the most limited resource is the personnel to interpret the data and that if some formal direction to set priorities is received then logging

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activities could be integrated. Mr. Wittreich said another option would be to reduce the number of wells in the aggregate area program. Mr. Cline responded that it might come down to that if the wells could be logged later on.

8. Allan Harris (DOE) asked about the quality of the gross gamma data. Randy Price (WHC) replied that it is relatively good, considering the limitations of gross gamma. Mr. Price stated that he is seeing good repeatability between the pre- and the post-survey checks with the post-check source. However, one of the problems is that good homogeneity is not being observed in the formations. Mr. Cline said his assumption is that the spectral logging will be needed for all of the boreholes in the contaminated parts of the 100 Area.

Action Item #2AAMS.3: A discussion will be held on the integration of the 100 Area and the 200 Aggregate Area logging programs at the meeting on 1/8/92. Action: Steve Trent (WHC)

9. Doug Sherwood (EPA) recommended that the geophysical logging data collection efforts at 200-BP-1 be reduced and more effort be expended on the 100 and 200 areas. A discussion followed on the feasibility of taking gross gamma measurements on some 200-BP-1 boreholes and whether or not the data could be correlated with the data from the other boreholes. It was decided that the meeting on January 8, 1992 would be extended to discuss the integration of the 100 and 200 Area logging programs. The meeting was originally on report format and what would be in the forthcoming work plans. Dennis Faulk (EPA) was introduced at this meeting and he will be attending the meeting on January.

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Attachment #2

Attendance

Status of 200 AAMS Activities
December 17, 1991

<u>Name</u>	<u>Org.</u>	<u>O.U. Role</u>	<u>Phone</u>
Harris, Allan	DOE-RL	OU Manager	509-376-4339
Cline, Chuck	Ecology	Hydrogeology	206-438-7556
Teel, Darci	Ecology	CERCLA	509-545-2312
Hibbard, Rich	Ecology	CERCLA Unit	206-493-9367
Cross, Steve	Ecology	CERCLA	206-459-6675
Faulk, Dennis	EPA	Unit Manager	509-376-8331
Sherwood, Doug	EPA	Unit Manager	509-376-9529
Drost, Brian	USGS	EPA Support	206-593-6510
Staubitz, Ward	USGS	EPA Support	206-593-6510
Lacombe, Donna	PRC	EPA Support	206-624-2692
McClung, Bill	SWEC	GSSC, DOE-RL	509-376-1853
King, Joseph D.	SWEC	GSSC, DOE-RL	509-376-4726
Shigley, Diane	SWEC	GSSC, DOE-RL	509-376-6520
Galgoul, Michael J.	WHC	200 AAMS	509-376-2038
Price, Randall	WHC		509-376-9148
Wittreich, Curt	WHC	AAMS	509-376-1862
Carlson, Richard	WHC	200/300 Env. Engr.	509-376-9027
Downey, Hal	WHC	ER Program Office	509-376-5539
Ford, Bruce	WHC	Geosciences, AAMS	509-376-6465
Trent, Steve	WHC	Geosciences, AAMS	509-376-7226
Moore, Emmett	PNL	EMSL	509-376-1089
Patt, Ralph	OR Water Resources	Observer	503-378-8455

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Attachment #3

Action Items Status List
Status of 200 Aggregate Area Activities
October 16, 1991

Item No.	Action/Source of Action	Status
2AAMS.1	Identify and implement the actions that are required to install the calibration pits for the borehole logging equipment. Action: Allan Harris (9/19/91)	Open
2AAMS.2	A map of the 200 West Area is to be provided to the regulators. All of the wells that have been located should be shown. Action: Steve Trent (WHC) (11/21/91)	Open
2AAMS.3	A discussion is to be held on the integration of the 100 Area and the 200 Aggregate Area logging programs at the meeting on 1/8/92. Action: Steve Trent (WHC) (12/17/91)	Open

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Status 200 Aggregate Area Management Study Program

12/17/91

Area	Aggregate Area	AAMS Type	Technical Baseline Report	AAMS Report	M-27-00 Milestones
200 West	U Plant	Source	Completed	Drafted-On Schedule	1/92
	Z Plant	Source	Completed	Drafted-On Schedule	2/92
	S Plant	Source	Completed	On Schedule	3/92
	T Plant	Source	Completed	On Schedule	4/92
	200 West	Ground Water	NA	On Schedule	9/92
200 East	PUREX	Source	Completed		5/92
	B Plant	Source	Completed		6/92
	Semi-Works	Source			7/92
	200 East	Ground Water	NA		9/92
200 North	200 North	Source			8/92

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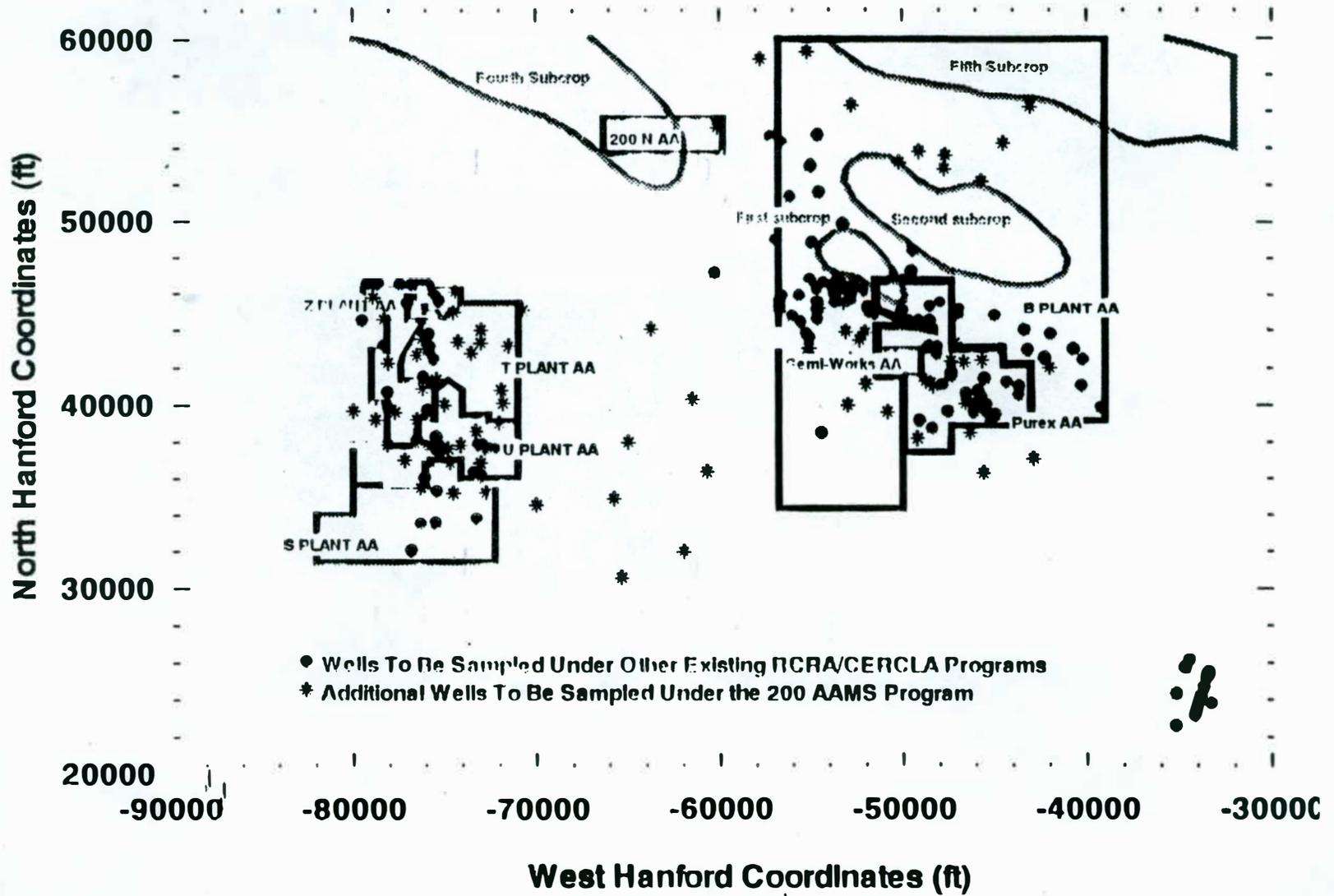
**200 AAMS
GROUNDWATER SAMPLING AND
GEOPHYSICAL LOGGING
FIELD ACTIVITIES UPDATE**

GROUNDWATER SAMPLING

● PHASE II SAMPLING AND ANALYSIS PLAN COMPLETED

- PLUME/DETECTION MAPS COMPILED FOR 26 CONSTITUENTS**
- 80 WELLS IDENTIFIED FOR SAMPLING DURING
FIRST QUARTER OF CY 1992**
- 29 WELLS WILL REQUIRE WELL MAINTENANCE ACTIVITIES**

200 AAMS First Quarter CY 1992 Sampling Network



GEOPHYSICS

● S PLANT SAMPLING AND ANALYSIS PLAN APPENDIX COMPLETED

WELL	FACILITY
200-W22-21	210-S-13 CRIB
200-W22-26	210-S-9 CRIB
200-W22-31	210-S-1, -2 CRIBS
200-W22-32	210-S-7 CRIB
200-W22-74	210-S-20 CRIB
200-W23-111	8X TANK FARM
200-W23-124	8 TANK FARM
200-W23-135	8X TANK FARM
200-W26-1	210-S-5 CRIB
200-W26-51	210-S-6 CRIB

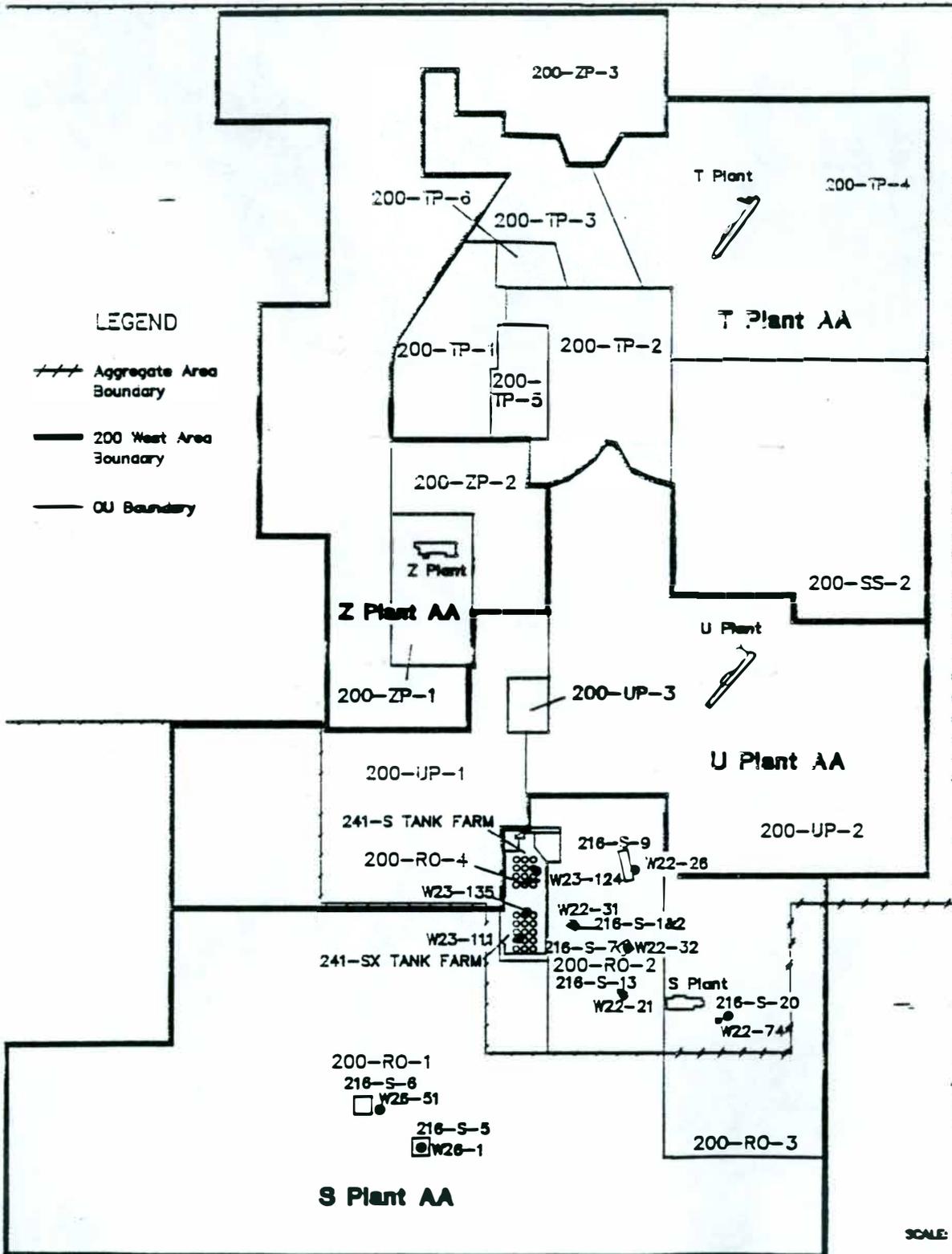
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GEOPHYSICS (CONTINUED)

● SPECTRAL GAMMA-RAY LOGGING INITIATED

209-W22-75	210-S-21 CRIB
209-W23-4	210-U-12 CRIB
209-W26-1	210-S-5 CRIB

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LEGEND

- Aggregate Area Boundary
- 200 West Area Boundary
- OU Boundary

SCALE: 1" = 500'

Distribution

Status of 200 Aggregate Area Activities
December 17, 1991

Donna Lacombe, PRC
 Ward Staubitz, USGS
 Doug Fassett, SWEC (A4-35)
 Linda Powers, WHC (B2-35)
 Tom Wintczak, WHC (B2-15)
 Mel Adams, WHC (H4-55)
 Wayne Johnson, WHC (H4-55)
 Rich Carlson, WHC (H4-55)
 Brian Sprouse, WHC (H4-22)
 Bill Price, WHC (S0-03)
 Ralph O. Patt,
 OR Water Resources Dept.
 Mike Thompson, DOE (A6-95)
 Diane Clark, DOE (A5-55)
 Mark Buckmaster, WHC (H4-55)
 Don Praast, GAO (A1-80)
 Curt Wittreich, WHC (H4-55)
 L.D. Arnold, WHC (B2-35)

~~Ronald D. Izatt (A6-95)~~
~~Director, DOE-RL, ERD~~
 Donald E. Gerton (A6-80)
 Director, DOE-RL, WMD
 Roger D. Freeberg (A6-95)
 Chief, Rstr. Br., DOE-RL/ERD
~~Steven H. Wisness (A6-95)~~
~~Tri Party Agreement Proj. Mgr~~
 Richard D. Wojtasek (B2-15)
 Prgm. Mgr. WHC
 Mary Harmon, DOE-HQ (EM-442)

ADMINISTRATIVE RECORD: 200 AAMS; Care of Susan Wray, WHC (H4-51C)

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Please inform Doug Fassett (SWEC) of deletions or additions to the distribution list.