

START

0023443

Final

Meeting Minutes Transmittal/Approval
Unit Manager's Meeting: General Topics
450 Hills St., Room 47, Richland, Washington
July 29, 1992

FROM/APPROVAL: Robert K. Stewart Date 8/25/92
Robert K. Stewart, R.I. Coordinator, RL (A6-95)

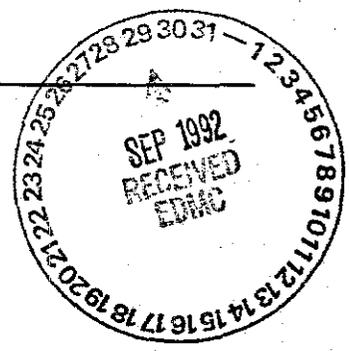
APPROVAL: Douglas R. Sherwood Date 8-25-92
Douglas R. Sherwood, Representative, EPA (B5-01)

APPROVAL: Charles S. Cline Date 8/26/92
Charles S. Cline, CERCLA Unit Supervisor, Washington Dept. of Ecology

The purpose of this meeting was to discuss general topics which are common to all past practices operable units.

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

- Attachment #1 - Summary of Meeting and Commitments and Agreements
- Attachment #2 - Agenda for the Meeting
- Attachment #3 - Attendance List
- Attachment #4 - Action Item Status List
- Attachment #5 - Analytical Services Status
- Attachment #6 - Field Screening Waste
- Attachment #7 - ERE Mobile Screening Laboratory
- Attachment #8 - Hanford Barriers Program



Prepared by: Suzanne Clarke Date: 8/26/92
Suzanne Clarke, Kay Kimmel, GSSC (A4-35)

Concurrence by: Hal Downey Date: 8/26/92
Hal Downey, WHC Coordinator (L4-92)

9 2 1 2 6 3 2 1 3 0 2

Attachment #1

Summary of Meeting and Commitments and Agreements

Unit Manager's Meeting: General Topics
July 29, 1992

1. SIGNING OF THE JUNE GENERAL TOPICS UNIT MANAGER'S MEETING MINUTES
Minutes were reviewed and approved with no changes.

2. ACTION ITEM UPDATE: (Attachment 4 [normal text] shows the status of the action items before the July 29, 1992 meeting; the updates to Attachment 4 are listed below and highlighted in bold text on Attachment 4.)

- 9 2 1 2 0 0 2 1 3 3 3
- | | |
|---|---|
| GT.38
Jim Goodenough | It is anticipated that the NOI will be ready to be published in the <u>Federal Register</u> within a week to 10 days. |
| GT.114 | Closed, Macroengineering presented to regulators on 7/28/92. |
| GT.128
Eric Goller | In internal DOE/RL review process. |
| GT.129 | Closed, update of status provided 7/29/92. |
| GT.132 | Closed, 7/29/92. |
| GT.134A
Joan Kessner | Report scheduled to be transferred to regulators by July 31. |
| GT.136
Daryl Koch | Meeting tentatively scheduled for August 19. |
| GT.138
Chuck Cline | Update pending budget for FY 93. |
| GT.139
Darci Teel | Action to Darci Teel, also. |
| GT.140
Pam Innis & Darci Teel | Meeting tentatively scheduled for August 19. |
| GT.141 | Closed, the forum is to make sample priority status part of the monthly update. Jim Peterson <i>Patterson</i> to notify OSM of this new development. |
| GT.142
Bob Henckel &
Joan Kessner | Provide: 1) standard SW-846 report forms from each lab; 2) most current SOW; 3) latest version of data validation method. |

3. NEW ACTION ITEMS:

GT.144 Rich Hibbard, Pam Innis, Mike Baehre, Bill Mallio, and TBD (WHC).
 J.D. Goodenough Each organization will provide a representative to sit on a field radiation screening technical group. The team will meet to explore the need for a field screening team and to reach consensus on a team "charter". Potential purposes include performing independent verification of field screening capabilities, familiarizing regulators with such capabilities, reaching consensus on use of portable laboratory, and helping determine future need (and rate of need) for mobile labs/field screening. Group coordinator will be J.D. Goodenough.

4. INFORMATION ITEMS:

- Update on Laboratory Status - Jeff Lerch presented the update of laboratory status (see attachment #5).

J. Lerch announced that a report concerning the results of the performance evaluation samples for commercial laboratories under contract to OSM will be transmitted to DOE/RL by the end of July.

- Site Base Maps: Nancy Werdel presented the history and status of the site base maps. Adequacy and utilization of existing aerial maps is currently under evaluation. EPA (USGS) and Ecology, in conjunction with WHC HEIS GIS personnel, determined the mapping needs and prioritization for CERCLA activities.

The Corps of Engineers performed an aerial survey of the 1100 and 300 areas. Procedures for digitization of these maps is under review by EPA and Ecology. When digitization is complete, the data will be loaded into the HEIS GIS.

- Hazardous Waste Site Safety Monitoring: Bob Hobbs described history, current approaches, and future developments with respect to field monitoring both for safety and characterization purposes (see attachment #6). Early monitoring for the purpose of worker safety (determination of the necessary level of worker protection), was limited to the detection of classes of contaminants. Positive detection resulted in the most conservative action, i.e., the level of worker protection was based on the assumption that the most hazardous substance in the class of compounds was present. Since wearing protective clothing and equipment may cause worker heat exhaustion, obtaining instrumentation which allows identification of hazardous substances was given high priority. B. Hobbs reported that considerable progress has been made in this direction.
- Field Radiation Detection Instrumentation: Kris Smith presented a description of field radiation detection instrumentation. He reported that the sodium iodide detector was chosen for the field because few areas have contamination not detected by this instrument and because the instrument is easy to use.
- Update on the Mobile Laboratory - Tim Moody presented the status of the ERE Mobile Screening Laboratory (see attachment #7). The contract for the Mobile Laboratory has been

92122521334

awarded and the project is under construction.

- Update on Hanford Barriers Program - Dick Wing reported on the progress of the Hanford Barriers Program (see attachment #8).

5. QUICK STATUS ITEMS:

- Update on HRA EIS - Bob Stewart reported that the HQ review of the notice of intent is anticipated to be complete by July 31 (approved by General Counsel, the Office of Assistant Secretary for Environment, Safety, and Health is completing their review and approval process). It is expected that the NOI should be ready to be published in the Federal Register within a week to ten days.

Scoping meetings are still planned for late September/early October. Locations and dates are as follows:

Spokane, September 29, 1992
Richland, October 1, 1992
Seattle, October 5, 1992
Portland, October 8, 1992

Advertisements announcing the start of scoping are being finalized as is background information that will be provided to interested parties.

- Risk Assessment Methodology - Eric Goller reported that a scoping meeting concerning the qualitative risk assessment methodology was held. The next meeting is tentatively scheduled for August 13. Agenda items include 1) the qualitative risk assessment, 2) the ecological risk assessment, and 3) resolving open items concerning the Hanford Baseline Risk Assessment Methodology.

Bob Stewart reported that the Corps is working with the risk assessment working group concerning performing a demonstration project comparing baseline risk assessment results for the 1100-EM-1 RI/FS to results developed by a probabilistic approach. This effort's purpose is to provide information for consideration which can be used in securing regulatory approval for use of probabilistic risk assessments in the future.

- Macroengineering - Allan Harris reported that the macroengineering concept was presented to the regulators on Tuesday, July 28. The 5 reports describing the macroengineering concept are in the process of being transmitted to the regulators. A meeting to present the macro concept to the project managers is planned for the end of August - early September time frame.
- A Proposed Sample Analysis and Data Validation Strategy for Hanford Site Environmental Investigations: Bob Henckel reported that his group is waiting for DOE comments.

General Topics Unit Manager's Meeting
Official Attendance Record
July 29, 1992

Please print clearly and use black ink

PRINTED NAME	SIGNATURE	ORGANIZATION	O.U. ROLE	TELEPHONE
Janet Franco	Janet Franco	Oregon Dept of Energy		(503) 378-8187
KAY KIMMEL	Kay Kimmel	SWEC	GSSC	509-372-0610
Dennis Faulk	Dennis Faulk	EPA	Unit Manager	376-8631
Andree De Angeles	Andree De Angeles	PRC	EPA support	206-624-2692
MIKE BAENRF	Mike Baenrf	USACE	-	509-376-1275
JEFF Lerch	Jeff Lerch	WHC	OSM	373-3419
Richard Hibbard	Richard Hibbard	Ecology		(206) 493-9887
Jon Sprockhu	Jon Sprockhu	Brown & Caldwell	Ecology Support	(503) 244-7005
Darci Teel	Darci Teel	Ecology	Ecology Support	509 545 2312
Larry Gadbois	LE Gadbois	EPA	Unit Manager	509 376-9884
PAMELA INNIS	Pamela Innis	EPA	UNIT MANAGER	509/376-4919
Jim PATTERSON	Jim Patterson	WHC	ER Program Officer	509/376/1568
Suzanne Clarke	Suzanne Clarke	SWEC	GSSC to RL	509/372/0630
Bob Stewart	Robert K. Stewart	DOE-RL	GT Mtg Chair	509-376-6192
William J. Mallis	William Mallis	SWEC	GSSC	509-376-6995
Nancy Werdel	Nancy Werdel	DOE-RL	Unit Manager	509-376-5500
Brian Drost	Brian Drost	USGS	EPA support	206-593-6510
Billie Maus	Billie Maus	Ecology	Ecology Support	509-546-2993
Jeff Phillips	Jeff Phillips	Ecology	Unit Manager	509 546 2993 509-546-2993
Joe (503)	Joe	"	"	206 459 6675
A.C. Harris	ac Harris	DOE	Unit Manager	509-376-4339
R.A. Beckwith	R.A. Beckwith	WNGERE	observer	509 376-9017
RA CARLSON	RA Carlson	WHC	200/300 Areas REES	(509) 376-9027
A. D. Krug	A. D. Krug	WHC	100 Area - Ecology Sites	509 376 5834
RP Hencke	RP Hencke	WHC	100 Areas	509-376-2091

Attachment #4

Action Items Status List
 Unit Manager's Meeting: General Topics
 July 29, 1992

ITEM NO.	ACTION/SOURCE OF ACTION	STATUS
GT.38	If possible, at the May Unit Manager's Meeting a presentation on the approved, preferred alternative method for disposal of the reactors will be given. Action: Jim Goodenough (4/18/90, GT-UMM)	Open. The EIS will be reviewed by Admiral Watkins' office and Nuclear Safety (4/16/91). The RL program at DOE/HQ has written a letter to EH urging EH to quickly approve the final EIS and allow it to be published (6/19/91). Waiting for action from HQ (8/8/91). Waiting for status (11/20/91). J. Goodenough to update status at February 1992 UMM (2/25/92). Waiting on HQ approval 3/25/92. The distribution package for the final EIS is in preparation (4-17-92). Notice of Availability - June. Going through final EIS process. No change at HQ. It is anticipated that the NOI will be ready to be published in the <u>Federal Register</u> within a week to 10 days.
GT.114	Determine where the macro engineering study is in the approval process of DOE. A presentation will be contingent on DOE management approval. Action: Allan Harris (9/18/91)	Closed. Macroengineering presented to regulators on 7/28/92.
GT.128	Provide information on the date when Analytical Data Strategy document will be provided to Ecology and EPA. Action: Eric Goller. (2/26/92)	Open. To remain open pending outcome of meeting on 3/26/92. Eric Goller will give status of item at May UMM (4/22/92). Currently in RL review. The paper will be provided to EPA and Ecology upon satisfactory resolution of all RL comments. Pending formal transmittal (6/24/92). In internal DOE/RL review process (7/29/92).

9 2 1 2 0 2 1 3 0 2

ITEM NO.	ACTION/SOURCE OF ACTION	STATUS
GT.129	Provide information regarding DOE plans for development of site base maps. Action: Bob Stewart. (2/26/92)	Closed. Update of status provided 7/29/92.
GT.132	RL will take the lead in setting up a meeting to develop priorities for new operable units for work plan preparation. Participants are: Doug Sherwood, Chuck Cline, Darci Teel, Tom Wintczak, and Rich Carlson. Action: Bob Stewart.	Closed 7/29/92.
GT.134A	Provide all performance evaluation results from contractor labs during the time of their contract. Action: Joan Kessner (6/24/92).	Open. Report scheduled to be transferred to regulators by July 31.
GT.136	Present a progress report in a few months on how the IDW work is going. Action: Daryl Koch (6/24/92)	Open. Action given to Daryl Koch (WHC). Meeting tentatively scheduled for August 19.
GT.137	Report how the prioritization of samples is determined. What is the basis for this determination. Which projects were most impacted. Action: WHC Environmental Engineering (5/27/92).	Closed 6/24/92.
GT.138	Contact Jim Erickson (WA Dept. of Health) to determine if a representative from the health dept. needs to be a committee member on the Radiological Background Study Group. Action: Chuck Cline (Ecology) (5/27/92).	Open. Update at July UMM (6/24/92). Update pending budget for FY 93.
GT.139	Bring a proposal from the regulators to change the format of the OU meetings, separating the technical and management aspects. Action: Chuck Cline (Ecology) (5/27/92) & Darci Teel (7/29/92).	Open. Update at July UMM (6/24/92).
GT.140	Read the IDW (Groundwater Slurry) proposal and determine the need for further meetings or information. Action: Pam Innis, Darci Teel	Open (6/24/92). Meeting tentatively scheduled for August 19.

92120091370

ITEM NO.	ACTION/SOURCE OF ACTION	STATUS
GT.141	RL to define how the status of sample analysis prioritization will be communicated with the regulators at the July UMM. Action: Julie Erickson.	Closed (7/29/92) The forum is to make sample priority status part of the monthly update. Jim Patterson to notify OSM of this new requirement.
GT.142	Provide: 1) standard SW-846 report forms from each lab; 2) most current SOW; 3) latest version of data validation method. Bob Henckel & Joan Kessner (WHC).	Open (6/24/92). Reworded 7/29/92.
GT.143	Present at the September UMM the average turnaround times specific to samples taken after June 1, 1992. Action: Joan Kessner.	Open (6/24/92).
GT.144	Rich Hibbard, Pam Innis, Mike Baehre, Bill Mallio, and TBD (WHC). Each organization will provide a representative to sit on a field radiation screening technical group. The team will explore the need for a field screening team and reach consensus on a team "charter". Potential purposes include performing independent verification of field screening capabilities, familiarizing regulators with such capabilities, reaching consensus on use of portable laboratory, and helping determine future need (and rate of need) for mobile labs/field screening. Group coordinator is Allan Harris (RL).	Open (7/29/92).

92125521371

9 2 1 2 3 5 2 1 3 7 2

ANALYTICAL SERVICES STATUS

**Jeff Lerch
July 29, 1992**

Attachment #5

RFP STATUS

- Proposal Evaluations completed June 12, 1992.
 - Five Offerors responsive.
- Draft award packages submitted to RL July 23, 1992.
 - One primary and two secondary awards proposed.
- Awards expected in September 1992, following RL and HQ approval.
- Facility assessments to be scheduled following award.

COMMERCIAL CONTRACTS

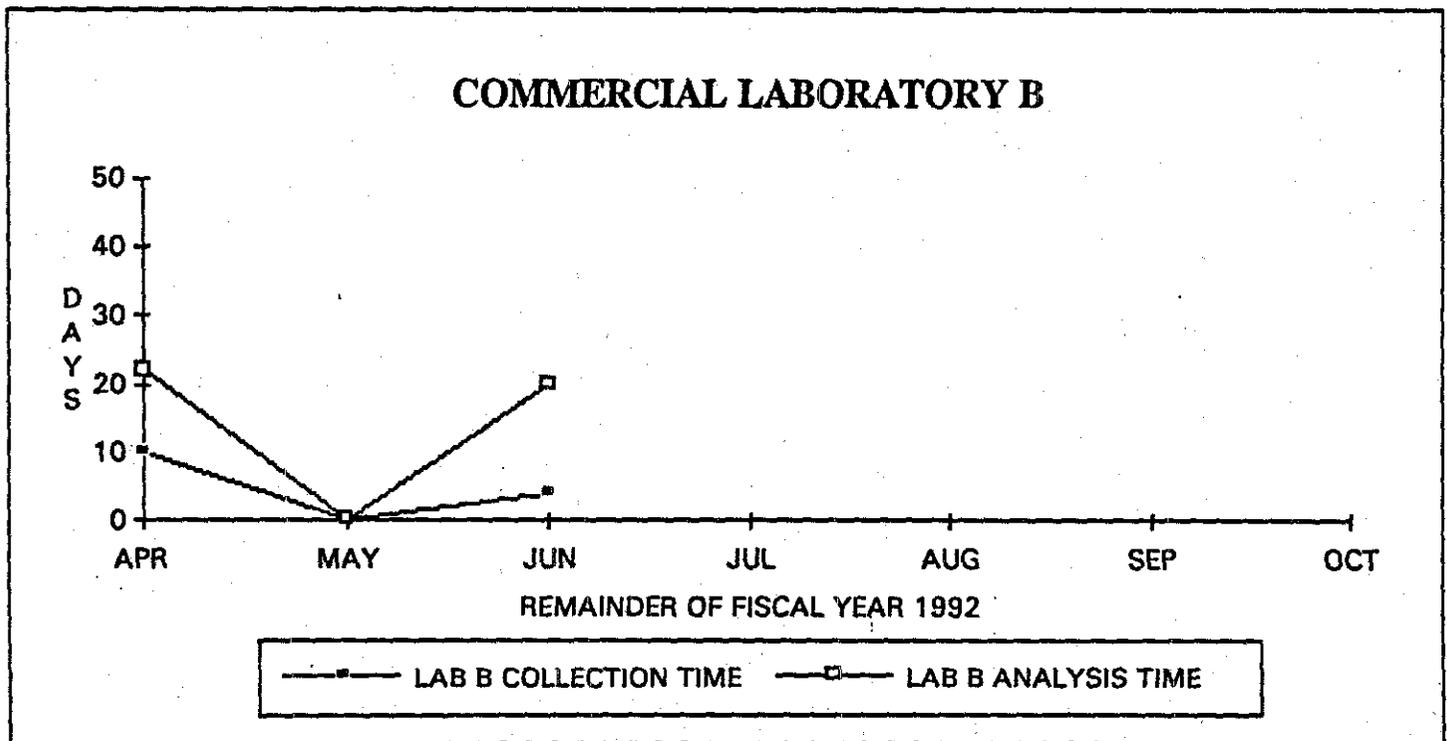
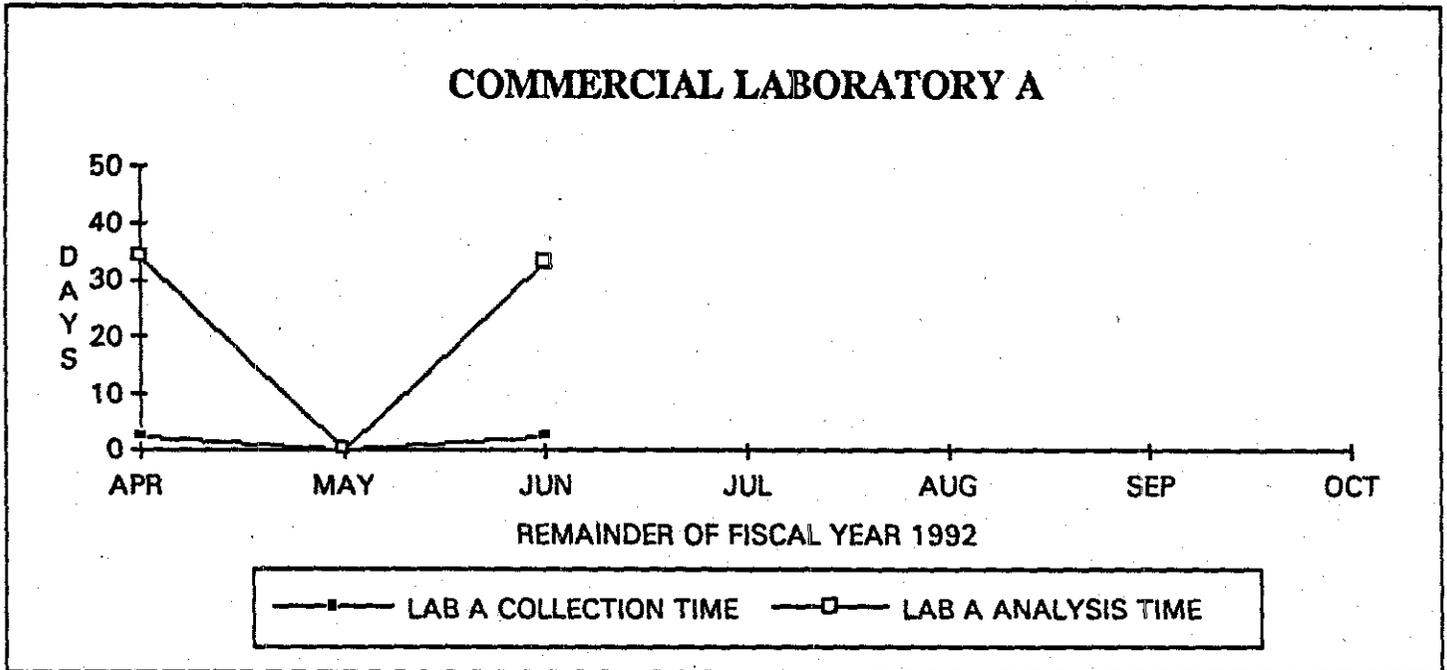
- DataChem and S-Cubed continue to have small workloads/no backlog.
- Turnaround times continue to be evaluated for TMA and Weston due to reporting of backlogs.
 - Backlogs to be eliminated by August 1992.
- Assessment Report for TMA-Skinner and Sherman issued July 29, 1992.
 - Facility approved to provide organics support.
- Additional radiochemistry capacity being investigated through TMA-Eberline.

ON-SITE LABORATORIES

- 222-S Laboratory assessment report issued.
- Team assembled to initiate response and propose corrective actions.
- Response expected by end of July 1992.

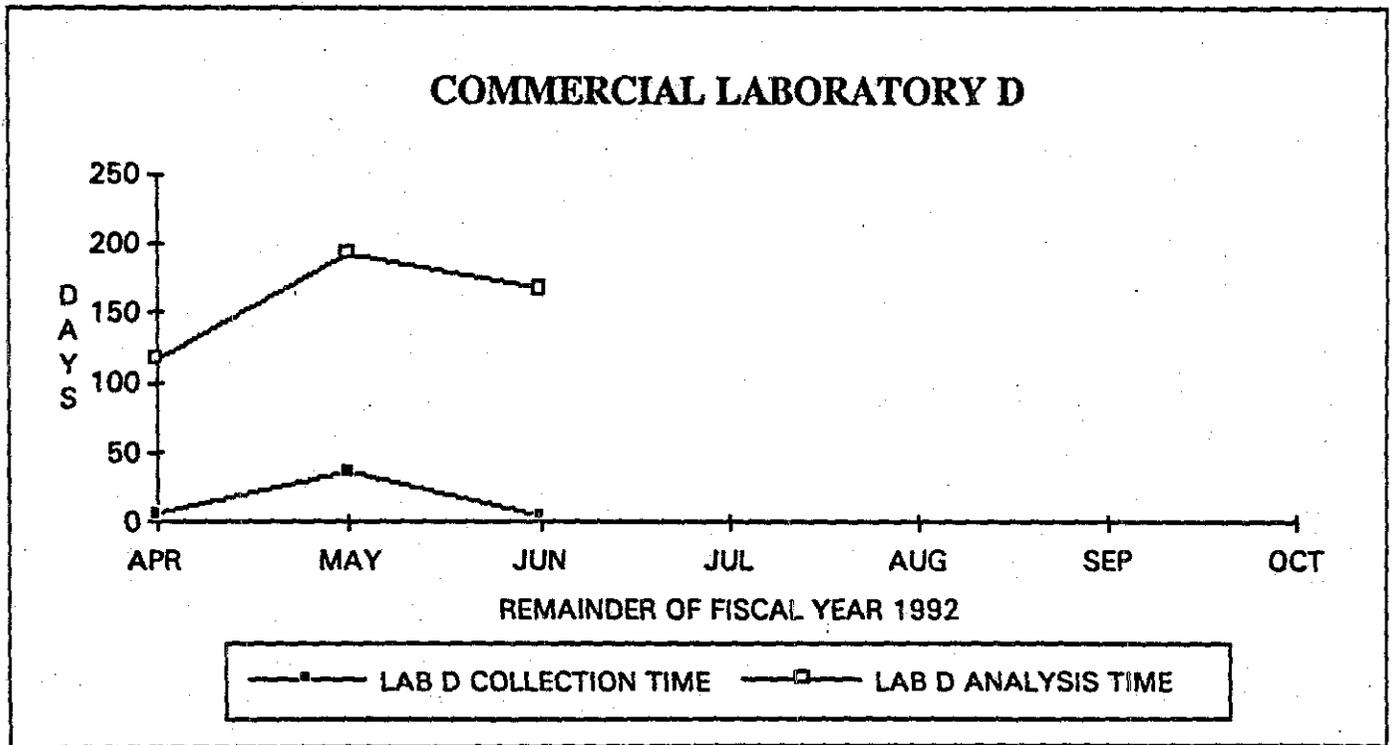
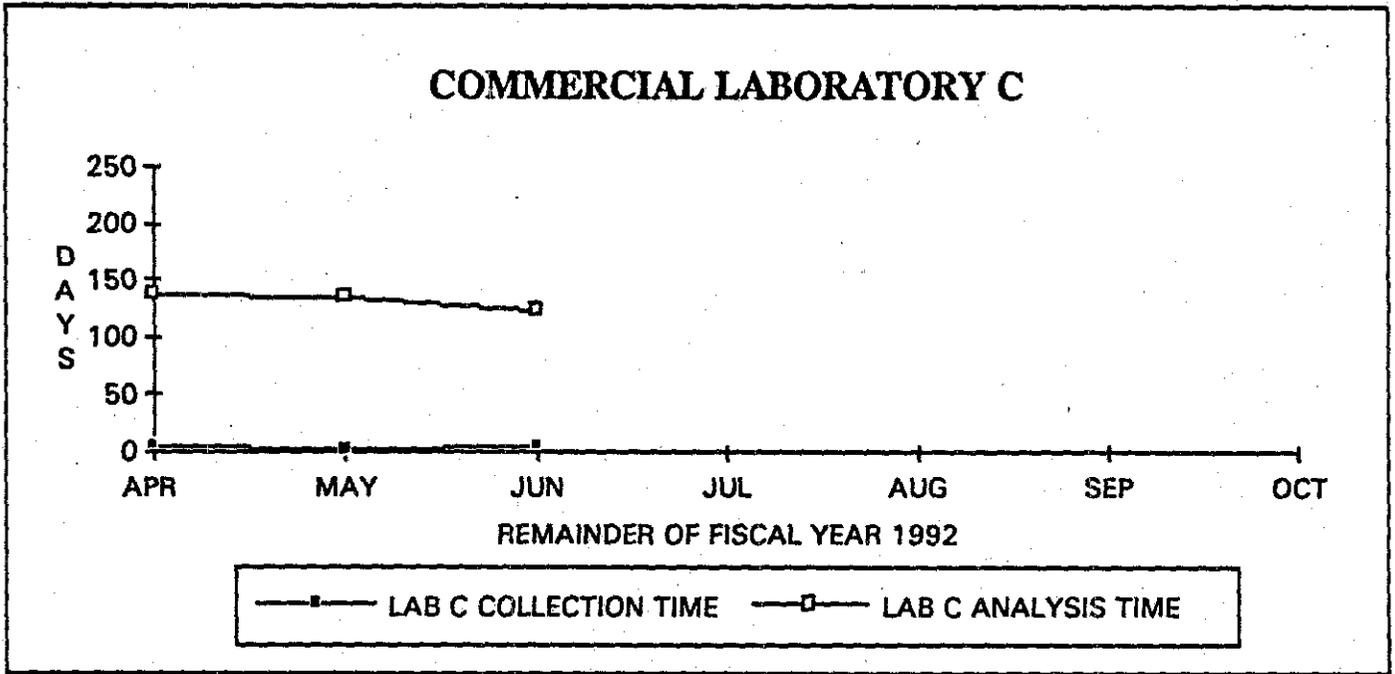
Figure 3

COMMERCIAL LABORATORIES AVERAGE TURNAROUND TIMES FOR NON RADIOACTIVE SAMPLE ANALYSIS



92122221576

COMMERCIAL LABORATORIES AVERAGE TURNAROUND TIMES FOR LOW LEVEL RADIOACTIVE SAMPLE ANALYSIS



92120021377

Attachment #6

FIELD SCREENING WASTE

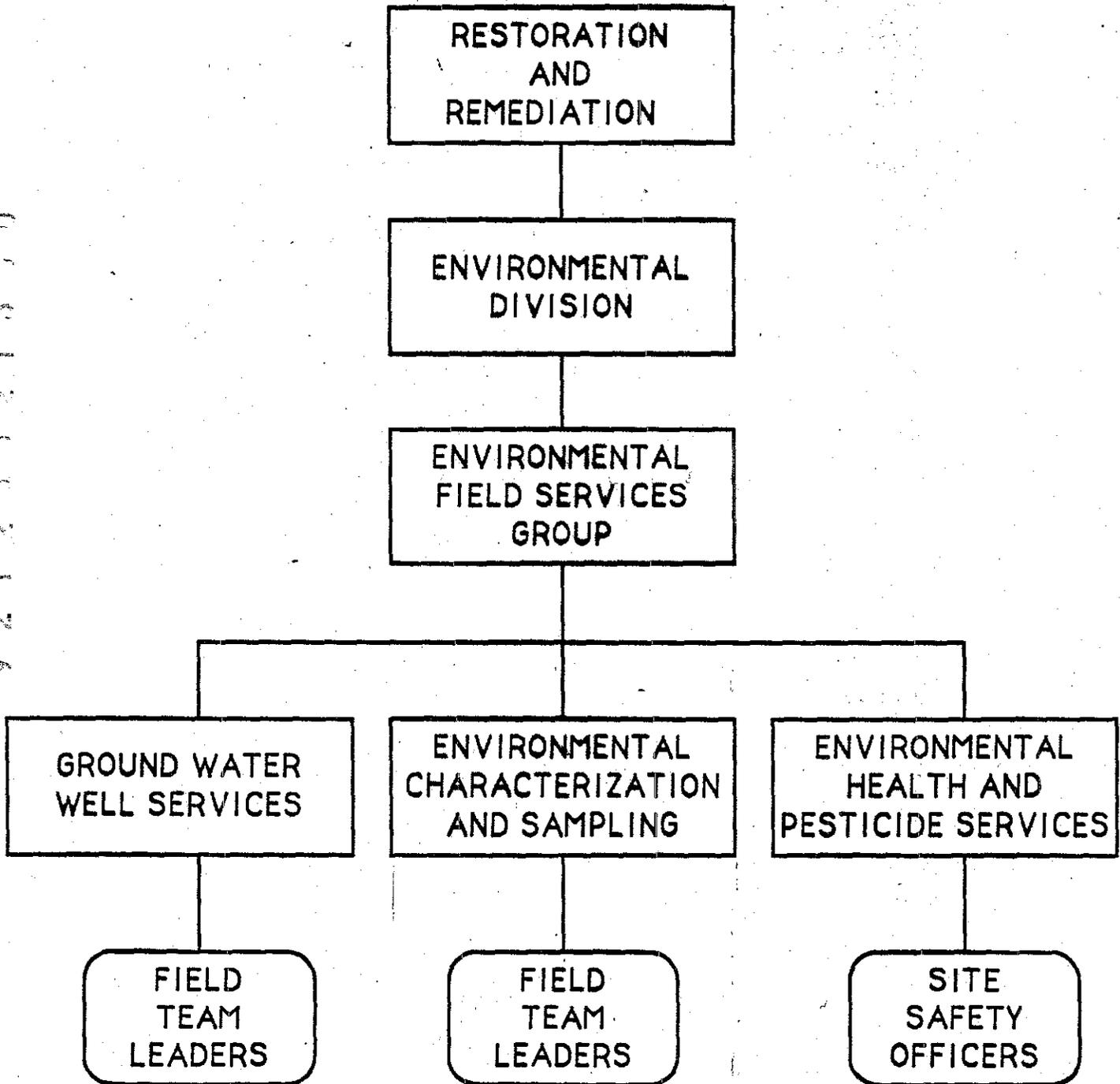
- ◆ **MORE REPRESENTATIVE SAMPLES**
- ◆ **REDUCTION OF ANALYTICAL COSTS**
- ◆ **TIME/SCHEDULE BENEFITS**
- ◆ **ACCEPTABLE ACCURACY/PRECISION**

EVOLUTION OF CAPABILITIES

- ◆ O₂ /COMBUSTIBLE GAS METERS
- ◆ OVM/OVA
- ◆ GAS CHROMATOGRAPHY
- ◆ CALIBRATION SOURCES
- ◆ EVALUATION OF NEW PRODUCTS
 - ◆ ODYSSEY
 - ◆ INFRA-RED

WESTINGHOUSE ORGANIZATIONS

92120021300



ON-SITE MONITORING/FIELD SCREENING

- ◆ **PROTECTION OF WORKERS**
- ◆ **EVOLUTION OF CAPABILITIES**
- ◆ **VIABILITY OF FIELD SCREENING WASTE**

ERE Mobile Screening Laboratory

**Status Report
ERE Mobile Screening Laboratory
July 29, 1992**

**T. E. Moody
Environmental Restoration Engineering
Westinghouse Hanford Company**

ERE Mobile Screening Laboratory

Status

- NEPA approved April 7, 1992
- Air Permit approved Aug. 31, 1991
- Safety Analysis Document approved March 13, 1991

- Price Proposal for \$9.4 million yearly savings approved April 28, 1992

- Non-competitive procurement
- Defense Contract Audit Agency (DCAA) Audit currently being executed
- DOE Letter Order (contract proceedings) approved June 25, 1992
- Contract (notice to proceed) awarded June 26, 1992
- Responsive vendor = ATC/Ecotek Corporation, Erwin, TN

Status (cont'd)

- Methods being developed by Southwest Research Institute San Antonio, TX
- 4 chemists matrixed from WHC Analytical Services assigned to Mobile Lab
- Off-site technical training of WHC chemists
- Expendibles being ordered and stored at 2101M warehouse
- Site Evaluation Report (SER) **100**, 200, and 300 areas (review completed August 24, 1992)
- Coordination of lab buildout

ERE Mobile Screening Laboratory

Future

- Delivery anticipated October-November 92
- On-site coordination of buildout
- On-site coordination of method development
- Data deliverable format
- Coordination with Kaiser for delivery and set-up
- Scheduled to be fully operational by Feb. 93

Protective Barrier Development

N.R. Wing
J.W. Cammann

G.W. Gee

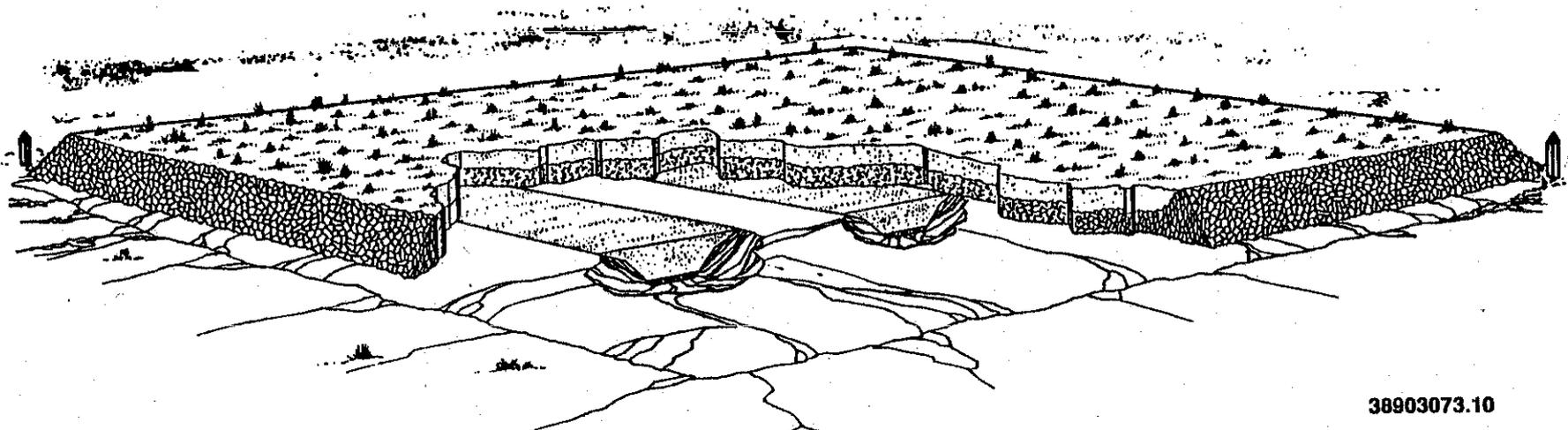


Westinghouse
Hanford Company



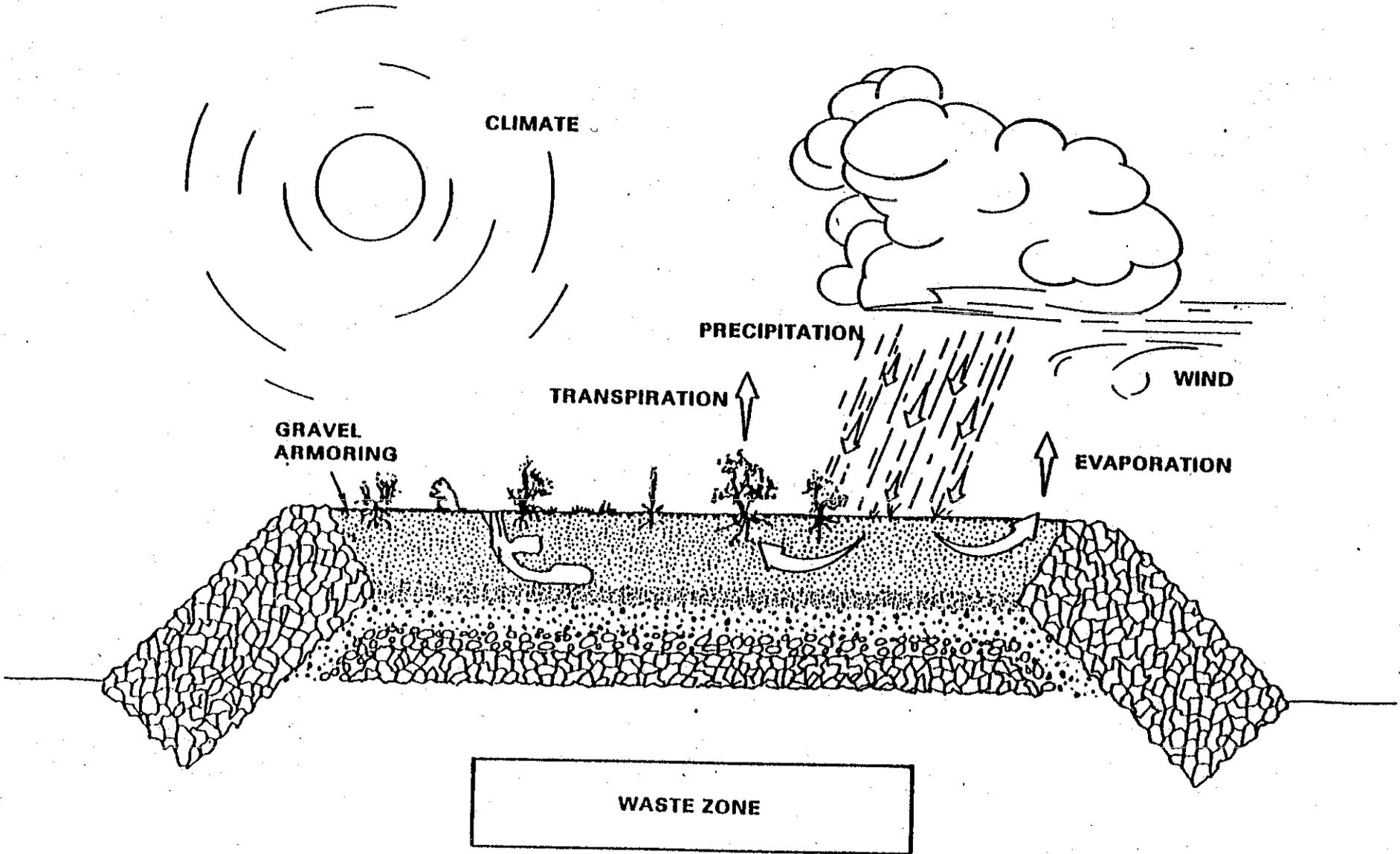
Battelle

Pacific Northwest Laboratories

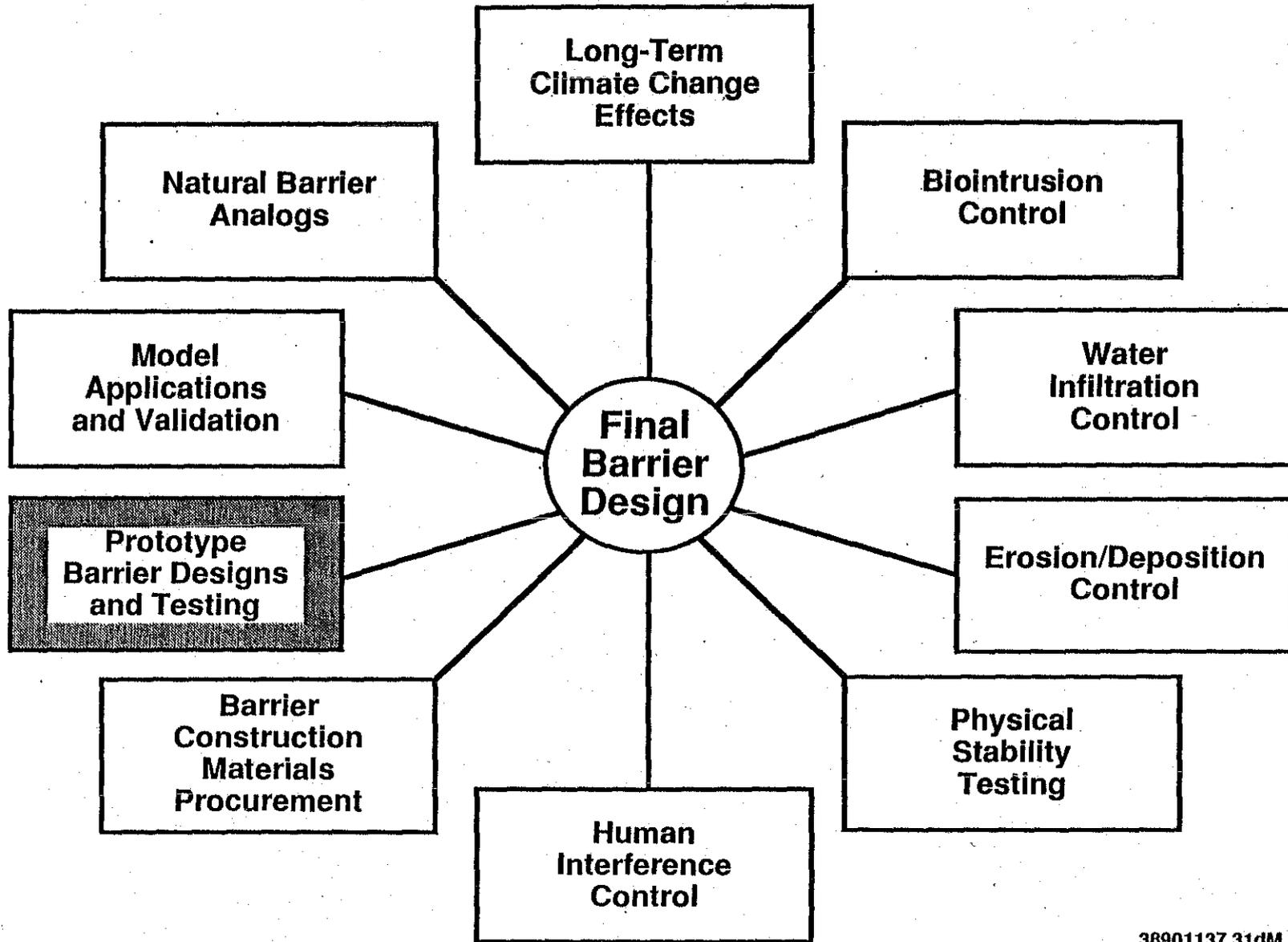


38903073.10

Functional Performance of Barriers



Barrier Development Tasks



Prototype Barrier Project

Dates of Peer Reviews

- **March 9-11, 1992**
- **June 22-23, 1992**
- **End of August 1992**

Prototype Barrier Project

Members of the Peer Review Panel

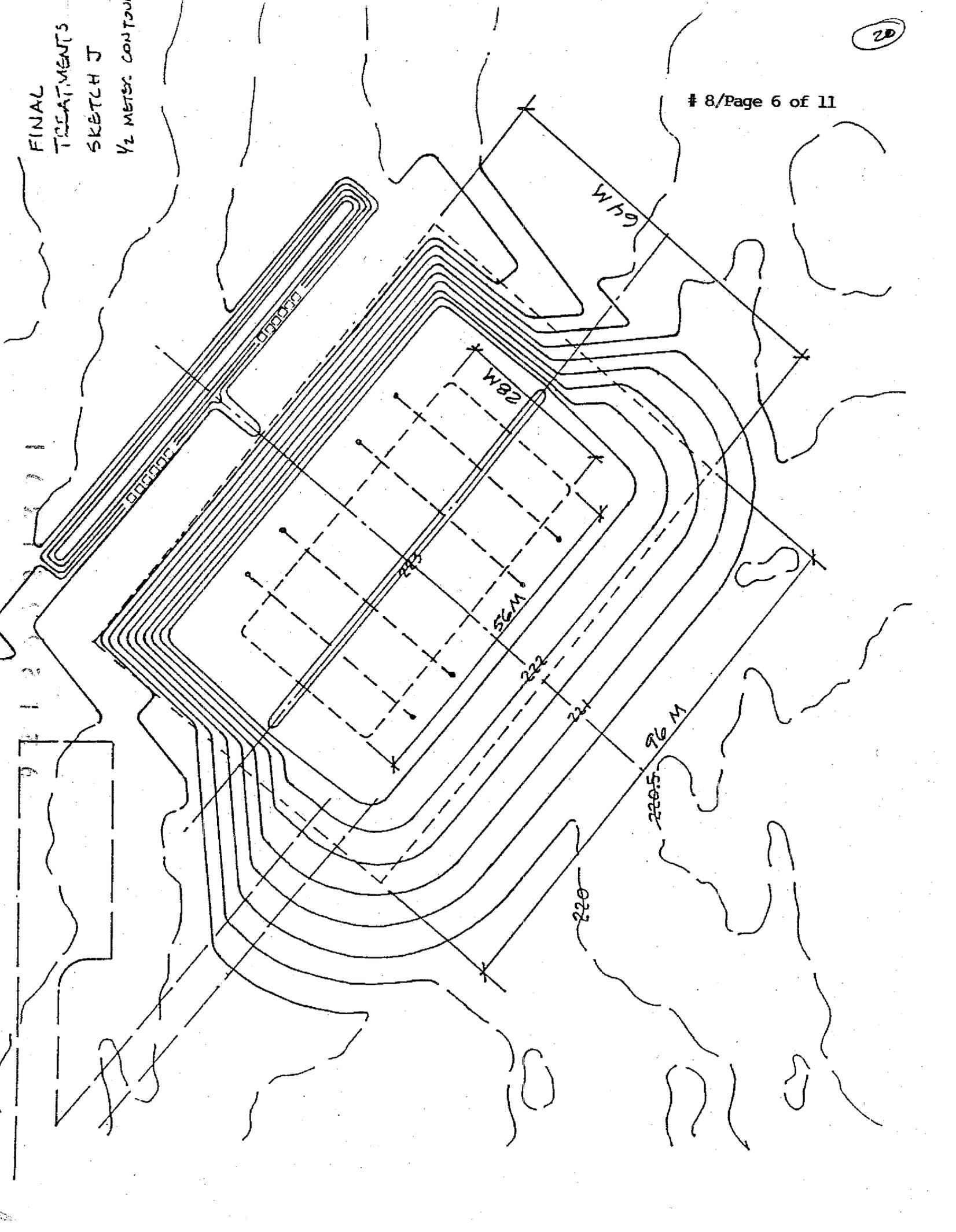
- **David E. Daniel** **University of Texas at Austin**
- **Lorne G. Everett** **Metcalf and Eddy**
- **Charles C. Reith** **Jacobs Engineering**
- **Gregory N. Richardson** **Hazen and Sawyer**
- **W. Geoffrey Spaulding** **Dames & Moore**

- **Wade H. Riggsbee** **Ebasco (Facilitator)**

FINAL
TREATMENTS
SKETCH J
1/2 METER CONTOUR

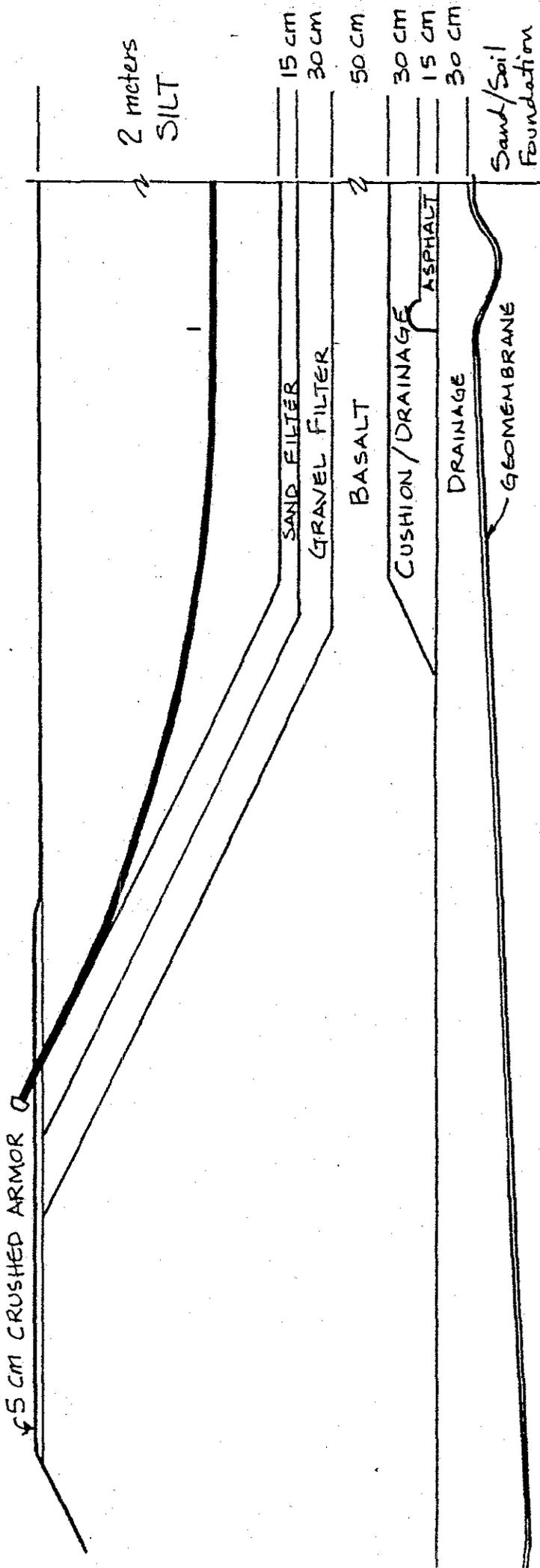
20

8/Page 6 of 11



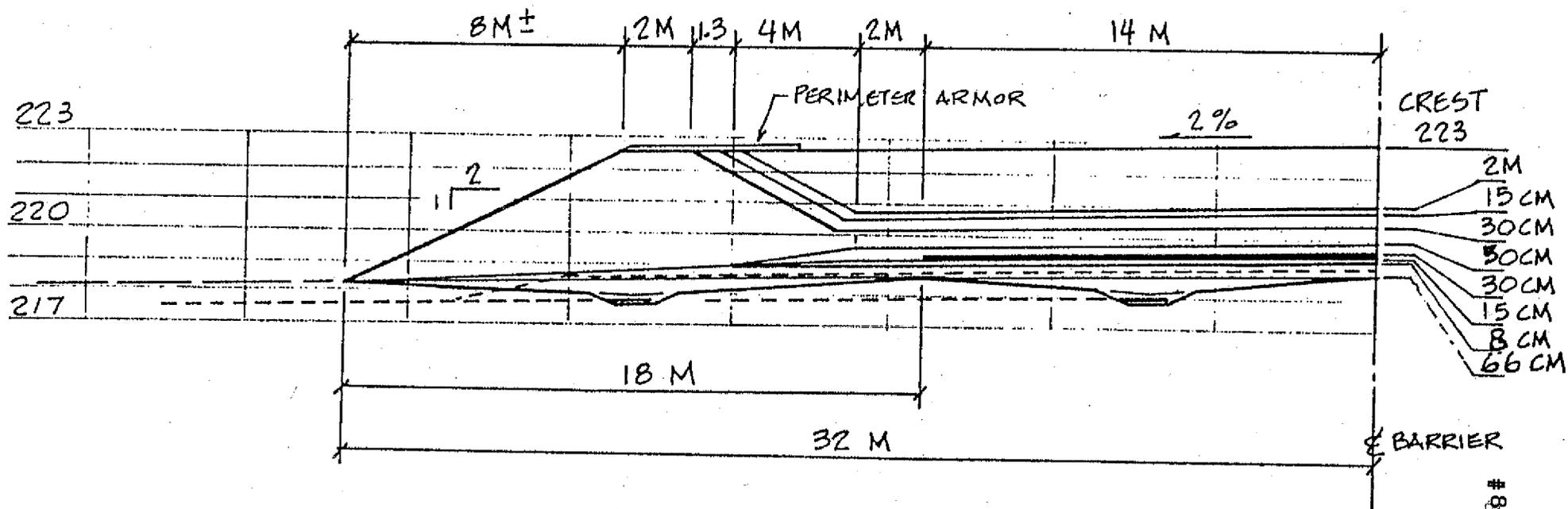
9 2 1 2 0 3 2 1 3 3 2

DETAIL
NEUTRON PROBE
SKETCH M



9 2 1 2 3 2 1 3 9 3

1/2 SECTION
BASALT SIDE SLOPE
SKETCH K

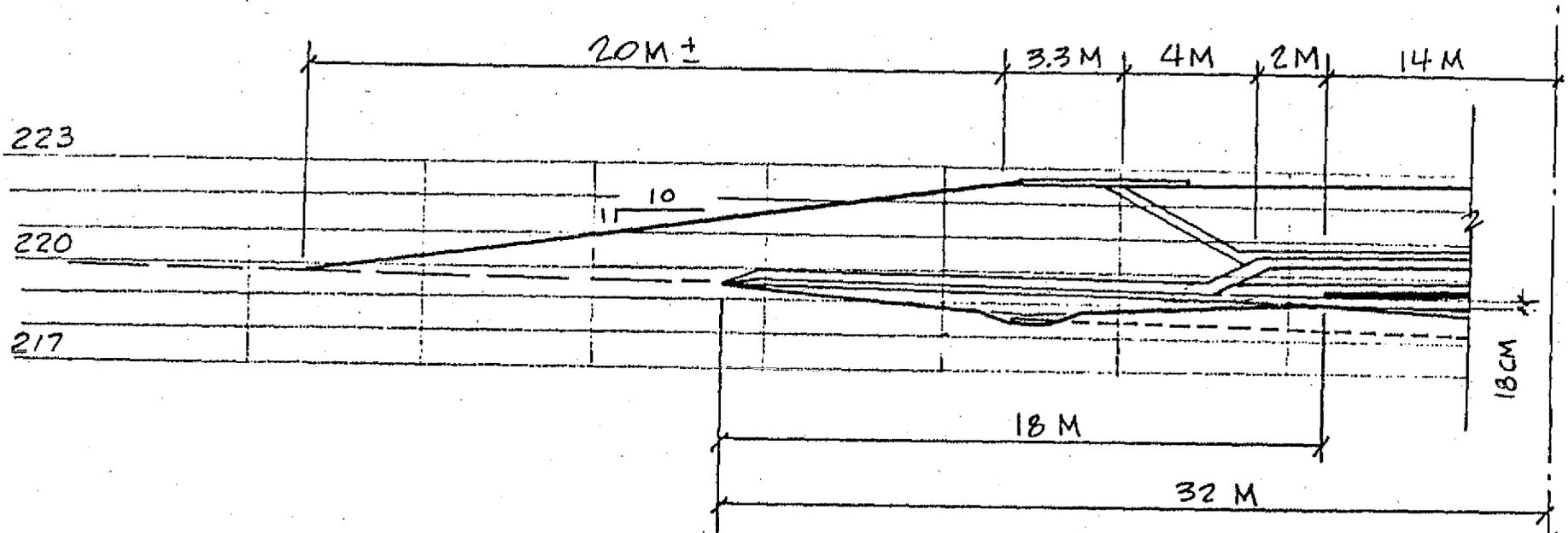


#8 / Page 8 of 11

Draw to 1cm = 1meter
1:100

9 2 1 2 3 3 2 1 3 2 4

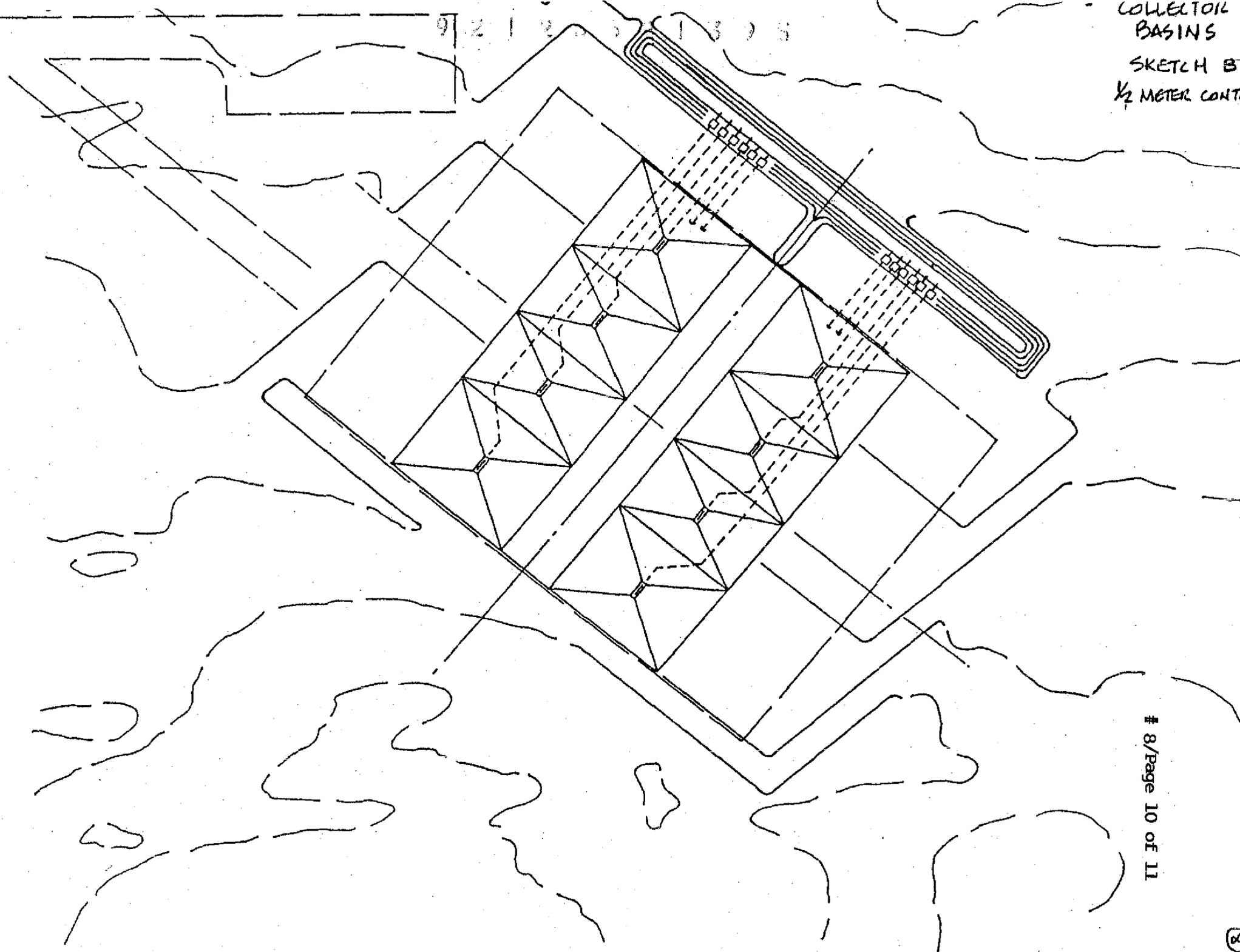
1/2 SECTION
CLEAN FILL SLOPE
SKETCH L



8 / Page 9 of 119

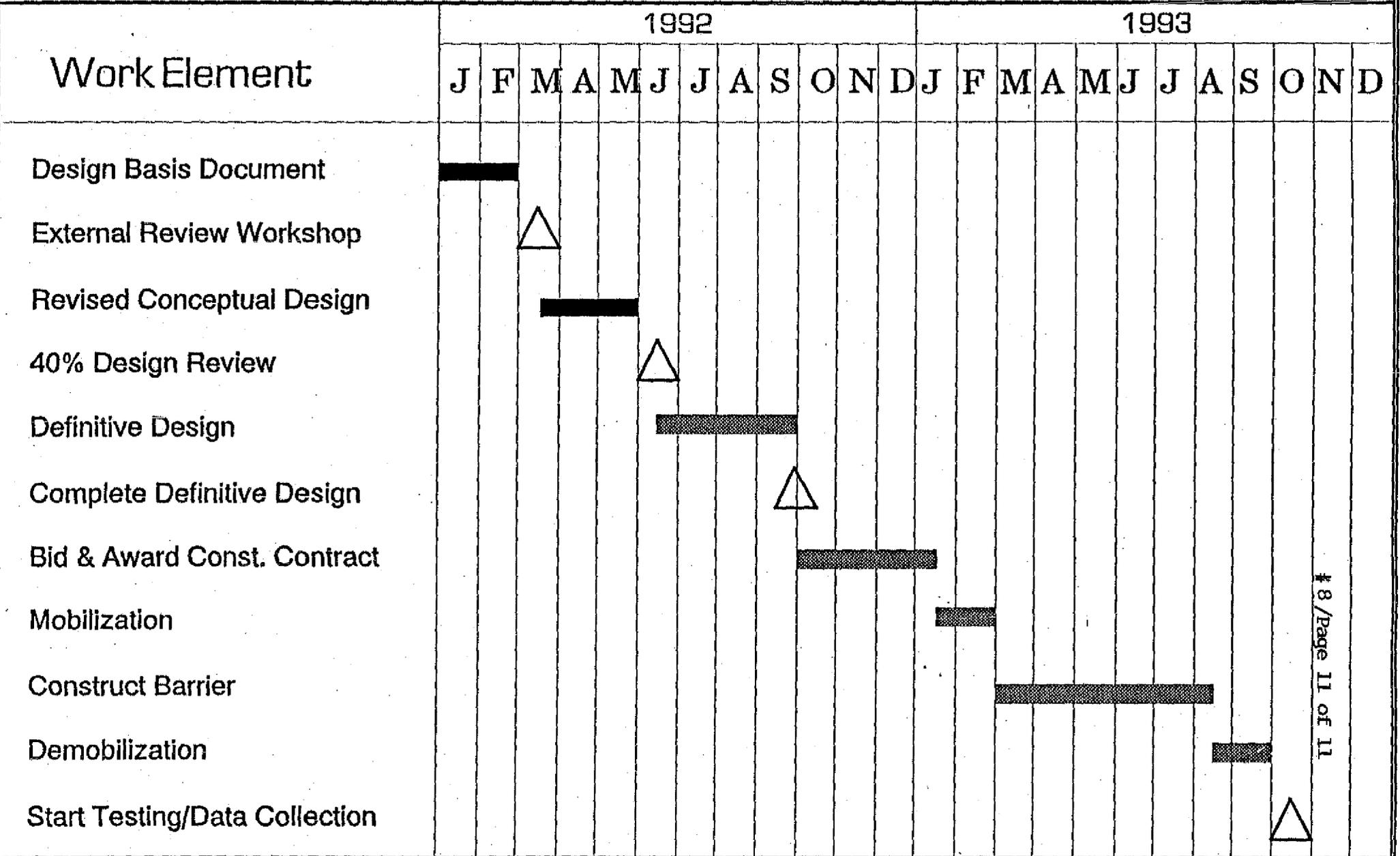
Draw to Scale of
1 cm = 1 meter
1:100

COLLECTOR
BASINS
SKETCH B
1/2 METER CONTO



8/ Page 10 of 11

Project W-263 Prototype Surface Barrier



Distribution
Unit Manager's Meeting: General Topics
July 29, 1992

DOE (and GSSC to DOE-RL)

- C.E. Clark, RL (A5-15)
- D.L. Clark, RL (A5-55)
- Julie Erickson, RL (A5-19)
- R.D. Freeberg, RL (A5-19)
- Jim Goodenough, RL (A5-19)
- Paul Pak, RL (A5-19)
- Bob Stewart, RL (A5-19)
- Nancy Werdel, RL (A5-19)
- Mike Thompson, RL (A5-15)
- J.M. Hennig, RL (A5-21)
- Mary Harmon, DOE-HQ (EM-442)
- S.E. Clarke, SWEC (A4-35)

EPA (and Contractors/Agencies in Support of EPA)

- Dave Einan, EPA (B5-01)
- Pam Innis, EPA (B5-01)
- Doug Sherwood, EPA (B5-01)
- Dan Duncan, EPA, Region 10, RCRA
- Audree DeAngeles, PRC
- Ward Staubitz, USGS

Ecology (WDOE)

- Larry Goldstein Lacey Office
- Chuck Cline, WDOE Kennewick Office (c/o Darci Teel)
- Lynn Albin Washington Dept. of Health

USACE

- John Stewart, USACE (A5-20)

WHC

- Melvin Adams, WHC (Please route to:) (H4-55)
 - Larry Hulstrom WHC (H4-55)
 - Wayne Johnson, WHC (H4-55)
 - Alan Krug, WHC (H4-55)
 - Merl Lauterbach, WHC (H4-55)
 - Bob Henckel, WHC (H4-55)
 - Rich Carlson, WHC (H4-55)
- Hal Downey, WHC (L4-92)
- Tom Wintczak, WHC (L4-92)
- R.D. Wojtasek, WHC (L4-92)
- L.D. Arnold, WHC (B2-35)

- Terri Stewart, PNL (K2-12)
- Don Kane, EMO (K1-74)
- Don Praast, GAO (A1-80)
- R.O. Patt, OR Water Resources Dept.

ADMINISTRATIVE RECORDS: 1100-EM-1, 300-FF-1, 300-FF-5, 200-BP-1, 200-AAMS, 100-AAMS; Care of EDMC, WHC (H4-22). Please inform Suzanne Clarke (SWEC) of deletions or additions to the distribution list.

9 2 1 2 0 0 2 1 3 1 7