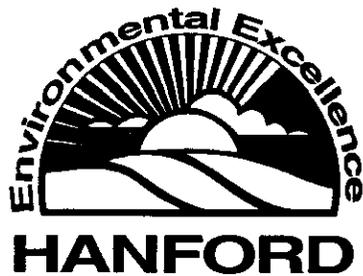


Project Management Plan for the 200-BP-1 Modified RCRA Barrier (Project W-403)

Author
M. A. Buckmaster

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Bechtel Hanford, Inc.
Richland, Washington

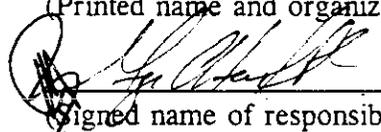
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Approval: G. C. Henckel BHI/PRJ
(Printed name and organization of responsible manager)



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APPROVALS



M. A. Buckmaster, Cognizant Engineer
200 Source Investigation Remediation
Projects

5/12/94
Date



G. C. Henckle, Manager
200 Source Investigation Remediation
Projects

5/12/94
Date



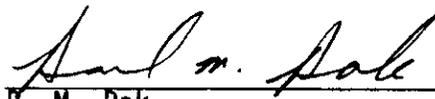
H. D. Downey, Activity Manager
Environmental Restoration Program Office

5/12/94
Date



Environmental Quality Assurance

5/17/94
Date



P. M. Pak
DOE/RL Environmental Restoration

5/25/94
Date

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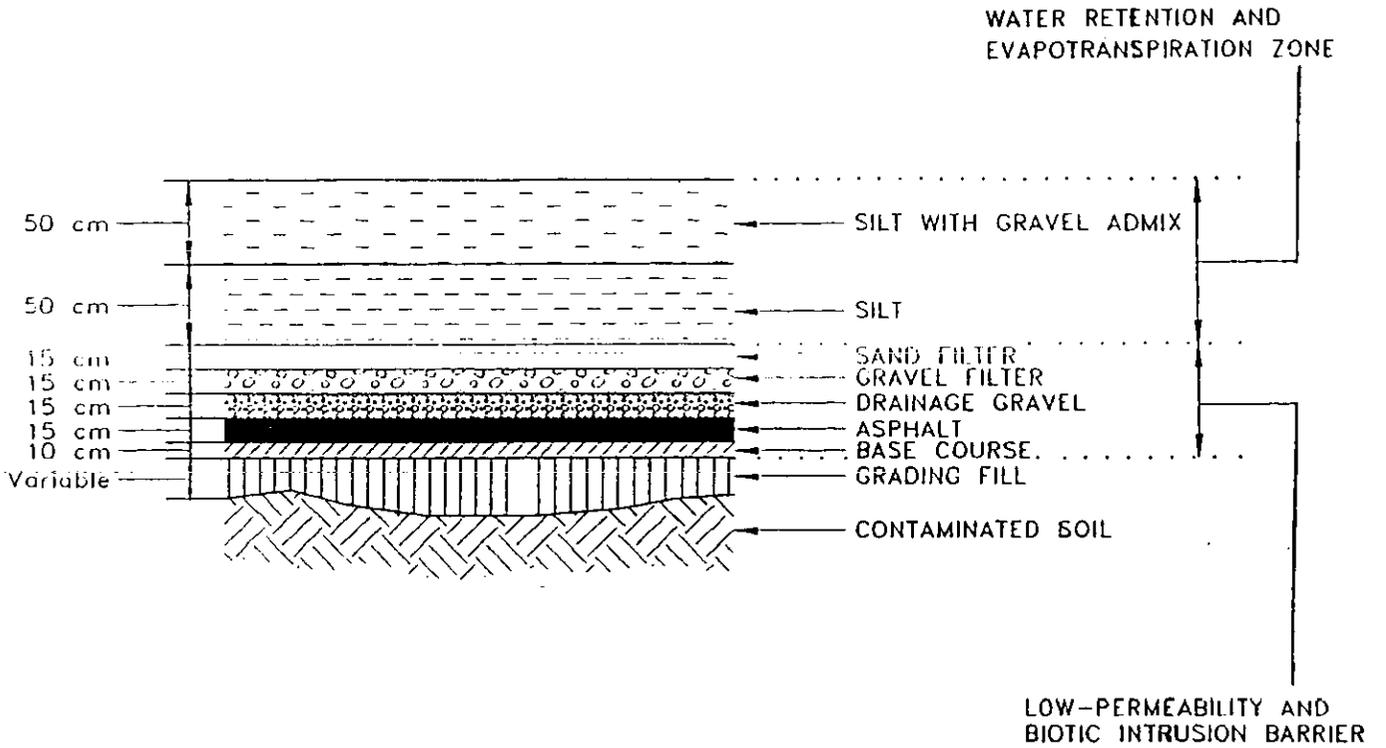
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ACRONYMS

ARARs	Applicable or Relevant and Appropriate Requirements
CDR	conceptual design report
CM	construction management
CQA	construction quality assurance
DOE	U. S. Department of Energy
DOE-RL	DOE, Richland Field Office
Ecology	Washington State Department of Ecology
EPA	U. S. Environmental Protection Agency
ER	environmental restoration
FY	fiscal year
IP	implementing procedure
ICF-KH	ICF-Kaiser Engineers Hanford
MSA	major systems acquisition
NEPA	National Environmental Policy Act
PMP	project management plan
QA	quality assurance
QAPjP	quality assurance project plan
RAO	remedial action objectives
RCRA	Resource Conservation and Recovery Act
ROD	record of decision
TPA	Hanford Facility Agreement and Consent Order (Tri-Party Agreement)
WBS	work breakdown structure
WHC	Westinghouse Hanford Company

Figure 1. Typical Barrier Cross-Section.



6.0 SCHEDULE

The following milestones have been identified for the Modified RCRA Surface Barrier Project, as described in TPA change requirement M-15-93-01.

<u>Date</u>	<u>Description</u>
2 months after ROD is issued but not before 8/1/94	Submit definitive design
4 months after ROD is issued but not before 10/1/94	Submit Remedial Action Plan
8 months after ROD is issued but not before 2-15-94	Complete bid/Award construction contract
15 months after ROD is issued but not before 10-1-95	Complete remediation activities for 200-BP-1 Operable Unit

7.0 PROJECT EXECUTION

7.1 PROJECT MANAGEMENT ORGANIZATION

In accordance with the DOE "Initial Baseline Guidance for the Office of Environmental Restoration," special provisions are made for ER Projects which qualify under certain requirements as specified in the DOE Orders. Excerpts from the DOE guidance are provided, as follows:

"All Environmental Restoration activities will be managed by defining and controlling scopes, schedules and costs, using a project management structure that is based upon DOE Order 4700.1 requirements."

"Recognizing the uncertainty surrounding many ER-planned activities, EM-40 baselines will have two components, a performance baseline and a forecast baseline. The performance baseline represents the set of criteria (scope, schedule, and cost) that will be the basis for measuring progress or performance through the life of the (project)."

7.3 OTHER PROJECT DOCUMENTS

1. A Remedial Action Plan will be developed to assess barrier performance. The plan will describe the long term monitoring requirements for the 200-BP-1 Operable Unit.
2. A Construction Quality Assurance Plan will be generated in parallel with definitive design activities and will be available prior to start of construction. Specific QA requirements for construction activities shall be imposed on the construction contractor as defined in the ICF-KH CM Plan and the approved construction specifications.
3. Site-specific construction permits required for the prototype barrier (including excavation, drill/blast, tie-in...) will be processed and approved by WHC and provided to the CM.

7.4 PROJECT REPORTS AND MEETINGS

Throughout the construction phase of the Modified RCRA Barrier, construction progress reports will be generated monthly in accordance with the ICF-KH CM Plan and shall address (as a minimum) cost/schedule performance, significant accomplishments, planned activities, construction problems, and potential changes.

The cognizant WHC function shall compile the construction progress report and other programmatic issues into a monthly project progress report which shall be issued to responsible project/program management organizations. The regularity and content of the project reports shall be established to accommodate project needs. Periodic meetings may be scheduled as necessary to provide appropriate management overview.

8.0 PROJECT CONTROL

8.1 BASELINE MANAGEMENT

A change control process will be implemented to record revisions to project baselines, although less formally than may be implemented for a "performance baseline" project. Existing WHC change control procedures shall be utilized to the greatest extent possible; however, certain aspects, including responsibilities, classification of changes, and approval authorities, will be modified to accommodate the Modified RCRA Barrier Project (See Section 8.5, "Change Approval").

8.2 COST AND SCHEDULE CHANGE CONTROL

Cost and Schedule objectives for the construction of the Modified RCRA Barrier Project, (as defined in Section 2.4 and 2.3) shall be reviewed upon completion of Definitive Design, and necessary revision shall be made to the project cost estimate and schedule. Upon approval from the ER Program Office, the project cost estimate and schedule shall constitute the administrative baseline for construction.

Close coordination shall be maintained with the respective program offices to assure compliance to common goals. In the event that additional budgeted resources are required beyond the annual approved budget, a project change request shall be processed in accordance with Section 8.4, "Funds Management" and Section 8.5 "Change Approval."

8.3 TECHNICAL CHANGE CONTROL

Approved definitive design media (drawings, specifications, vendor data, etc.) shall serve as the project technical baseline. A design media change control system shall be implemented as described in the ICF-KH CM Plan. As a minimum, ICF-KH shall maintain traceability for all changes to the approved design media, maintain a set of master drawings reflecting authorized changes, and issue project as-built design media upon completion of construction. Changes shall be authorized in accordance with Section 8.5 "Change Approval."

8.4 FUNDS MANAGEMENT

Project authorization funding for the prototype barrier is currently expense-funded annually to WHC through the DOE ER Program. Annual budget shall be provided for performance of work as defined in the current Five-year Plan, Fiscal Year Program Plans, Financial Plans, Activity Data Sheets, and Technical Task Plans. Necessary modification to the approved administrative baselines (annual budgets, cost estimates, schedules, etc.) shall be handled on a case-by-case basis with the ER Program Office.

8.5 CHANGE APPROVAL

Approval authority for changes to the project baselines shall be in accordance with the "Change Authority Matrix" (Figure 4). Definition of various change classifications is as follows:

Class 1	Changes to any project baseline documentation requiring additional Program Office budget to implement
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- Class 2 Changes to project baseline design guidance documentation, or project administrative baselines, not requiring additional Program Office budget to implement
- Class 3 Changes to project technical baselines requiring additional budget to implement, utilizing pre-authorized construction contingency budget
- Class 4 Changes to technical baseline documentation not requiring additional budget to implement

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