

# START

0024681

## ENGINEERING CHANGE NOTICE

1. ECN 169776

Page 1 of 4

Proj. ECN

2. ECM Category (mark one)	Supplemental <input checked="" type="checkbox"/>	Change ECN <input checked="" type="checkbox"/> DB	Supersedure <input type="checkbox"/>
Cancel/Void <input type="checkbox"/>	Direct Revision <input type="checkbox"/>	Temporary <input type="checkbox"/>	Discovery <input type="checkbox"/>

3. Originator's Name, Organization, MSIN, and Telephone No. D. B. Blumenkranz H4-55 2-1021 Environmental Remedial Action Group	4. Date October 5, 1992
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5. Project Title/No./Work Order No. Description of Work for Phase II Sampling of the 216-B-3A, -3B, and -3C Expansion Ponds.	6. Bldg./Sys./Fac. No. 216-B-3A, 216-B-3B, and 216-B-3C.	7. Impact Level 3Q
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8. Document Number Affected (include rev. and sheet no.) WHC-SD-EN-AP-106, Rev. 0	9. Related ECN No(s).	10. Related PO No.
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11a. Modification Work <input type="checkbox"/> Yes (fill out Blk. 11b) <input checked="" type="checkbox"/> No (NA Blks. 11b, 11c, 11d)	11b. Work Package Doc. No. NA	11c. Complete Installation Work NA Cog. Engineer Signature & Date	11d. Complete Restoration (Temp. ECN only) NA Cog. Engineer Signature & Date
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12. Description of Change

- 1.) New sample locations
- 2.) New analytical parameters



APPROVED FOR PUBLIC RELEASE  
*V. Burkland 11/7/92*

13a. Justification (mark one)	Criteria Change <input type="checkbox"/>	Environmental <input checked="" type="checkbox"/>	Facilitate Const. <input type="checkbox"/>
Design Error/Omission <input type="checkbox"/>	Design Improvement <input type="checkbox"/>	As-Found <input type="checkbox"/>	Const. Error/Omission <input type="checkbox"/>


13b. Justification Details

- 1.) New sample locations were chosen due to environmental conditions. These new locations reflect improvements in sample representativeness and obtainability.
- 2.) New analytical parameters reflect last minute directives given by the Washington State Department of Ecology.

14. Distribution (include name, MSIN, and no. of copies)

R. L. Hand	H4-16	1 copy
D. O. Hess	L6-57	1 copy
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RELEASE STAMP

OFFICIAL RELEASE BY WHC 

DATE OCT 27 1992

*Station # 21*

93129010508



# ENGINEERING CHANGE NOTICE

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1. ECN (use no. from pg. 1)

169776

<b>15. Design Verification Required</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>16. Cost Impact</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; text-align: center;">ENGINEERING</th> <th style="width: 50%; text-align: center;">CONSTRUCTION</th> </tr> <tr> <td style="padding: 5px;">Additional <input type="checkbox"/> \$</td> <td style="padding: 5px;">Additional <input type="checkbox"/> \$</td> </tr> <tr> <td style="padding: 5px;">Savings <input type="checkbox"/> \$</td> <td style="padding: 5px;">Savings <input type="checkbox"/> \$</td> </tr> </table>	ENGINEERING	CONSTRUCTION	Additional <input type="checkbox"/> \$	Additional <input type="checkbox"/> \$	Savings <input type="checkbox"/> \$	Savings <input type="checkbox"/> \$	<b>17. Schedule Impact (days)</b> Improvement <input type="checkbox"/> Delay <input type="checkbox"/>
ENGINEERING	CONSTRUCTION							
Additional <input type="checkbox"/> \$	Additional <input type="checkbox"/> \$							
Savings <input type="checkbox"/> \$	Savings <input type="checkbox"/> \$							

**18. Change Impact Review:** Indicate the related documents (other than the engineering documents identified on Side 1) that will be affected by the change described in Block 12. Enter the affected document number in Block 19.

SDD/DD <input type="checkbox"/>	Seismic/Stress Analysis <input type="checkbox"/>	Tank Calibration Manual <input type="checkbox"/>
Functional Design Criteria <input type="checkbox"/>	Stress/Design Report <input type="checkbox"/>	Health Physics Procedure <input type="checkbox"/>
Operating Specification <input type="checkbox"/>	Interface Control Drawing <input type="checkbox"/>	Spares Multiple Unit Listing <input type="checkbox"/>
Criticality Specification <input type="checkbox"/>	Calibration Procedure <input type="checkbox"/>	Test Procedures/Specification <input type="checkbox"/>
Conceptual Design Report <input type="checkbox"/>	Installation Procedure <input type="checkbox"/>	Component Index <input type="checkbox"/>
Equipment Spec. <input type="checkbox"/>	Maintenance Procedure <input type="checkbox"/>	ASME Coded Item <input type="checkbox"/>
Const. Spec. <input type="checkbox"/>	Engineering Procedure <input type="checkbox"/>	Human Factor Consideration <input type="checkbox"/>
Procurement Spec. <input type="checkbox"/>	Operating Instruction <input type="checkbox"/>	Computer Software <input type="checkbox"/>
Vendor Information <input type="checkbox"/>	Operating Procedure <input type="checkbox"/>	Electric Circuit Schedule <input type="checkbox"/>
OM Manual <input type="checkbox"/>	Operational Safety Requirement <input type="checkbox"/>	ICRS Procedure <input type="checkbox"/>
FSAR/SAR <input type="checkbox"/>	IEFD Drawing <input type="checkbox"/>	Process Control Manual/Plan <input type="checkbox"/>
Safety Equipment List <input type="checkbox"/>	Cell Arrangement Drawing <input type="checkbox"/>	Process Flow Chart <input type="checkbox"/>
Radiation Work Permit <input type="checkbox"/>	Essential Material Specification <input type="checkbox"/>	Purchase Requisition <input type="checkbox"/>
Environmental Impact Statement <input type="checkbox"/>	Fac. Proc. Samp. Schedule <input type="checkbox"/>	<input type="checkbox"/>
Environmental Report <input type="checkbox"/>	Inspection Plan <input type="checkbox"/>	<input type="checkbox"/>
Environmental Permit <input type="checkbox"/>	Inventory Adjustment Request <input type="checkbox"/>	<input type="checkbox"/>

**19. Other Affected Documents:** (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below.

Document Number/Revision	Document Number/Revision	Document Number/Revision

**20. Approvals**

Signature	Date	Signature	Date
<b>OPERATIONS AND ENGINEERING</b>		<b>ARCHITECT-ENGINEER</b>	
Cog./Project Engineer <i>[Signature]</i>	10-23-92	PE	_____
Cog./Project Engr. Mgr. <i>[Signature]</i>	10/27/92	QA	_____
QA <i>[Signature]</i>	10/29/92	Safety	_____
Safety	_____	Design	_____
Security	_____	Other	_____
Proj. Prog./Dept. Mgr.	_____		_____
Def. React. Div.	_____		_____
Chem. Proc. Div.	_____		_____
Def. Wst. Mgmt. Div.	_____	DEPARTMENT OF ENERGY	_____
Adv. React. Dev. Div.	_____		_____
Proj. Dept.	_____		_____
Environ. Div.	_____	ADDITIONAL	_____
IRM Dept.	_____		_____
Facility Rep. (Ops.)	_____		_____
Other	_____		_____

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WHC-SD-EN-AP-106, Rev. 0

ATTACHMENT 2  
B PONDS NON-INTRUSIVE SOURCE SAMPLING PROJECT CHANGE FORM

DATE: October 5, 1992

Person Initiating Change: David B. Blumenkranz

Change: \_\_\_\_\_

- 1.) New sample locations as indicated on attached.
- 2.) New analytical parameters as indicated in SAF 92 294

Reason for  
Change:

- 1.) New sample locations determined by environmental conditions in the field. These new locations enabled samplers to obtain samples that are considered representative of the B Pond expansion lobes.
- 2.) SAF 92-294 represents changes made by Ecology a few days before sampling.

APPROVAL:

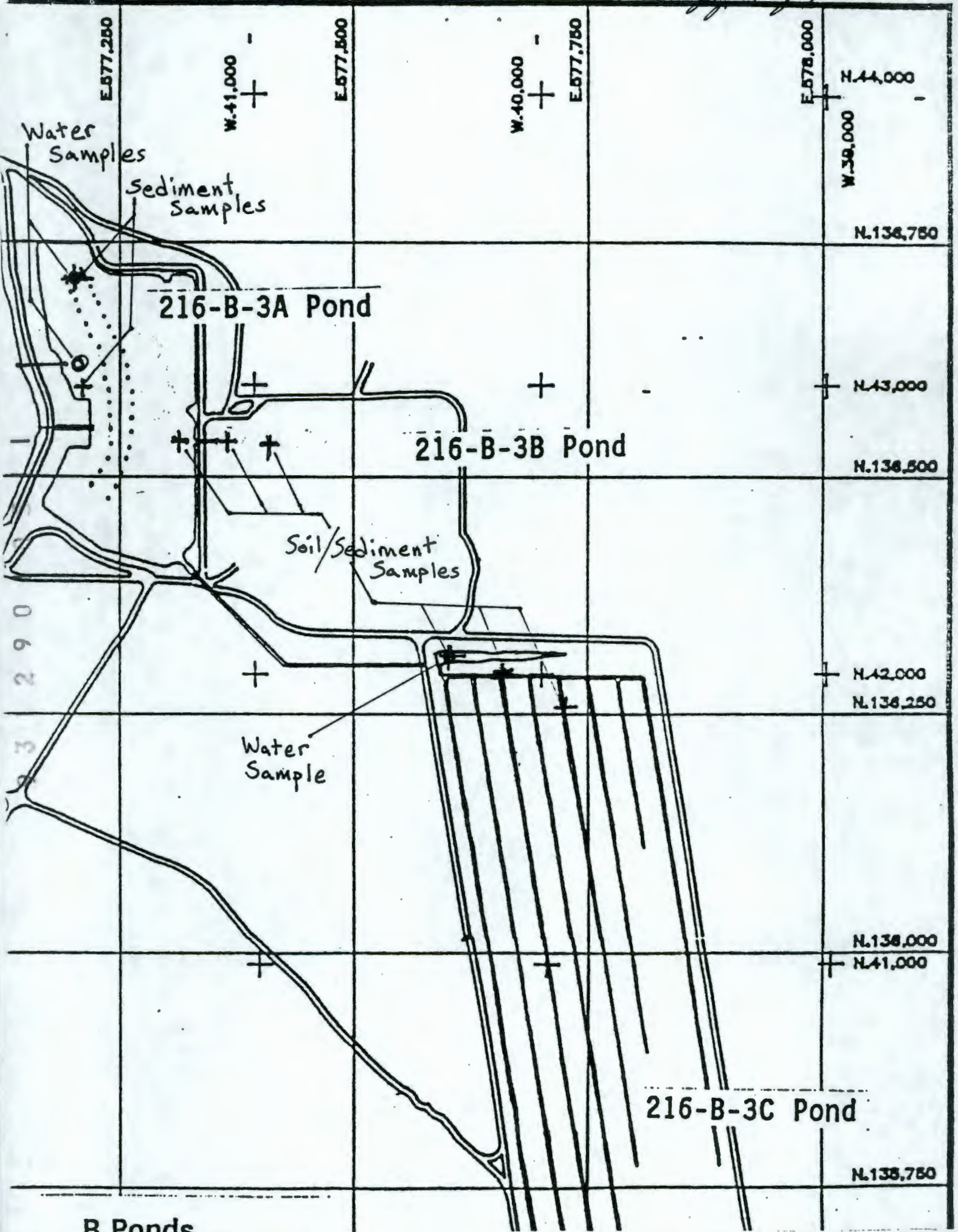
Field Team Leader: David B. Blumenkranz *David Blumenkranz* 10/5/92

Operable Unit Coordinator: Jake R. Laws *Jake R Laws* 10/5/92

Environmental QA Representative: R. L. Hand *R. L. Hand* 10/5/92

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R Ponds

216-B-3A Pond

216-B-3B Pond

216-B-3C Pond

Water Samples

Sediment Samples

Soil/Sediment Samples

Water Sample

E.577,250

W.41,000

E.577,500

W.40,000

E.577,750

E.578,000

N.144,000

W.39,000

N.136,750

N.136,500

N.136,500

N.142,000

N.136,250

N.136,000

N.141,000

N.135,750

290  
23



Date Received

10/7/92

# INFORMATION RELEASE REQUEST

Reference:

WHC-CM-3-

Complete for all Types of Release	Purpose		ID Number (include revision, volume, etc.) <b>ECN 169776</b> <del>WHC-SD-EN-AP-106, Rev. 0</del>
	<input type="checkbox"/> Speech or Presentation <input type="checkbox"/> Full Paper <input type="checkbox"/> Summary <input type="checkbox"/> Abstract <input type="checkbox"/> Visual Aid <input type="checkbox"/> Speakers Bureau <input type="checkbox"/> Poster Session <input type="checkbox"/> Videotape	(Check only one suffix) <input type="checkbox"/> Reference <input checked="" type="checkbox"/> Technical Report <input type="checkbox"/> Thesis or Dissertation <input type="checkbox"/> Manual <input type="checkbox"/> Brochure/Flier <input type="checkbox"/> Software/Database <input type="checkbox"/> Controlled Document <input type="checkbox"/> Other	List attachments.
			Date Release Required <b>11-5-92</b>


Complete for all Types of Release	Title <b>Description of Work for Phase II Sampling ...</b>		Unclassified Category UC-	Impact Level 30
	New or novel (patentable) subject matter? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has disclosure been submitted by WHC or other company? <input type="checkbox"/> No <input type="checkbox"/> Yes Disclosure No(s). _____		Information received from others in confidence, such as proprietary data, trade secrets, and/or inventions? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)	
	Copyrights? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has written permission been granted? <input type="checkbox"/> No <input type="checkbox"/> Yes (Attach Permission)		Trademarks? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)	

Complete for Speech or Presentation	Title of Conference or Meeting <b>n.a.</b>		Group or Society Sponsoring	
	Dates of Conference or Meeting	City/State	Will proceedings be published?	<input type="checkbox"/> Yes <input type="checkbox"/> No
			Will material be handed out?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Title of Journal				

### CHECKLIST FOR SIGNATORIES

Review Required per WHC-CM-3-4	Yes	No	Reviewer - Signature Indicates Approval		
			Name (printed)	Signature	Date
Classification/Unclassified Controlled Nuclear Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Patent-General Counsel	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Legal-General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>S.W. Berglin</b>	<b>by telecon DB</b>	<b>10/5/92</b>
Applied Technology/Export Controlled Information or International Program	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
WHC Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Communications	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
RL Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Publications Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Other Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>			

Information conforms to all applicable requirements. The above information is certified to be correct.

References Available to Intended Audience	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP</b> Stamp is required before release. Release is contingent upon resolution of mandatory comments.
Transmit to DOE-HQ/Office of Scientific and Technical Information	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Author/Requestor (Printed/Signature)	Date	
<b>David Blumenthal</b>	<b>10-5-92</b>	
Intended Audience		
<input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External		
Responsible Manager (Printed/Signature)	Date	Date Cancelled
<b>R. C. ROOS</b>	<b>10/7/92</b>	Date Disapproved

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