

START

ENGINEERING CHANGE NOTICE

1. ECN **602624**

Proj.
ECN

WOM623/R4044

2. ECN Category (mark one) Supplemental <input checked="" type="checkbox"/> [xx] Direct Revision <input type="checkbox"/> Change ECN <input type="checkbox"/> Temporary <input type="checkbox"/> Standby <input type="checkbox"/> Supersedure <input type="checkbox"/> Cancel/Void <input type="checkbox"/>	3. Originator's Name, Organization, MSIN, and Telephone No. M.J. Hartman Groundwater Management H6-06 376-9924		4. Date 3 November 1994
	5. Project Title/No./Work Order No. 1324-N/NA RCRA Groundwater Monitoring	6. Bldg./Sys./Fac. No. ¹²⁻¹⁹⁻⁹⁴ 2440 Stevens Ctr 1324-N + 1324-NA	7. Approval Designator EQ
	8. Document Numbers Changed by this ECN (includes sheet no. and rev.) WHC-SD-EN-AP-005, Rev. 1	9. Related ECN No(s). N/A	10. Related PO No. N/A
11a. Modification Work <input type="checkbox"/> Yes (fill out Blk. 11b) <input checked="" type="checkbox"/> No (NA Blks. 11b, 11c, 11d)	11b. Work Package No. N/A	11c. Modification Work Complete N/A Cog. Engineer Signature & Date	11d. Restored to Original Condition (Temp. or Standby ECN only) N/A Cog. Engineer Signature & Date

12. Description of Change
 Replace Table 4-2 with the attached.



13a. Justification (mark one)

Criteria Change <input type="checkbox"/>	Design Improvement <input checked="" type="checkbox"/>	Environmental <input type="checkbox"/>
As-Found <input type="checkbox"/>	Facilitate Const. <input type="checkbox"/>	Const. Error/Omission <input type="checkbox"/>
		Design Error/Omission <input type="checkbox"/>

13b. Justification Details
 The amended list meets regulatory requirements and the intent of the assessment program. (see attached)

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

B.A. Williams	<i>See dist. sheet</i>
M.J. Hartman	
W.R. Thackaberry	
R.R. Thompson	

RELEASE STAMP

OFFICIAL RELEASE BY WHC **(20)**

DATE **FEB 15 1995**

Sta. 21

Table 4-2. Groundwater Analyses for the 1324-N/NA Site.

INDICATOR PARAMETERS

conductivity (field and lab)
pH (field and lab)
TOC
TOX

ANIONS BY ION CHROMATOGRAPHY

see Appendix C

METALS BY INDUCTIVELY COUPLED PLASMA (filtered samples)

see Appendix C

VOLATILE ORGANICS BY GAS CHROMATOGRAPHY

see Appendix C

OTHER

alkalinity
total dissolved solids
turbidity

13b. Justification Details (continued).

The amended list removes constituents that are superfluous to the assessment program. Arsenic, lead, mercury, and selenium are required to be measured only once and thallium is not required at all. These constituents were not present in 1324-N/NA effluent and have not been detected in groundwater in significant concentrations. The Appendix IX list was proposed in the original document only if VOA by GC/MS did not identify the constituent(s) causing the elevated TOX. The VOA analyses appear to have identified the constituent of interest.

Distribution list for ECNs and EDT (100 Areas RCRA) Mary Hartman

ECN-602624

D.J. Alexander	H6-06 (1 ea.)
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CENTRAL FILES	L8-04 (2)
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H6-08