



# THE MEMPHIS DEPOT TENNESSEE

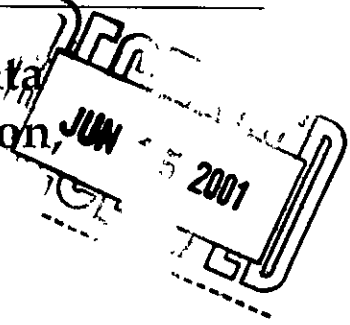
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## ADMINISTRATIVE RECORD COVER SHEET

AR File Number 628

## MEMORANDUM

CH2MHILL

**Errata - Table 4 not included in Revised Data  
Collection Plan for LTOAs, Main Installation,  
Memphis Depot**

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**FROM:** David Nelson

**DATE:** June 15, 2001

**RESPOND BY:** NA

Recent review of the Revised *Data Collection Plan for the Long Term Operational Areas (LTOAs), Main Installation, Memphis Depot* has revealed that Table 4 was missing from the document. This table was included in the original version but was left out of the revised copy during production. Please use the attached Table 4 to supplement the document submitted to you on June 6, 2001. Table 4 was revised from the original by increasing the estimated number of soil and groundwater samples to be collected during the LTOA investigation.

Thank you for your time and consideration. If you have any questions or require clarification, please contact Steve Offner or myself at (770)604-9095 or via email at [soffner@ch2m.com](mailto:soffner@ch2m.com) or [dnelson@ch2m.com](mailto:dnelson@ch2m.com).

Table 4  
Sampling and Analytical Summary  
LTOA Temporary Wells and MI Existing Monitoring Wells

Sample Task	Sample Point	Matrix	Sampling Frequency	Approx Sample No	Sampling Method	Sampling Equipment	TAT	DQO Level/Data Package Reqmnt	Required Analysis	Analytical Method	Holding Time	Sample Preservtn	Containers
Soil Boring Samples - Screening samples	Upper Interface with clay layer or layer of high OVA-FID reading	Soil	Approximately 1 to 2 per boring	19 to 38 Samples + 2 to 4 dups (@ 10%) Total = 21 to 42	Discrete samples from Soil core barrel	Encore sampler	14 days	DQO Level II	VOCs	SW-846 Method 8260B	14 days	Cool to 4 degrees C	(3) 5g Encore sampler
	Upper Interface with clay layer or layer of high OVA-FID reading	Soil	20% of the Screening samples	4 to 8 Samples + 1dup (@ 10%) Total = 5 to 9	Discrete samples from Soil core barrel	Encore sampler	14 days	DQO Level II	VOCs	SW-846 Method 8260B	14 days	Cool to 4 degrees C	(3) 5g Encore sampler
Quality Assurance/Quality Control Samples	Pre-Equipment Rinsate Blank	Water	1 per set of pre-cleaned equipment	1	Prepared in Field	Analyte-free water, SS funnel	14 days	DQO Level III	VOCs	8260B	14 days	HCL pH<2, Cool to 4 degree C	(3) 40 ml vial
	Post-Equipment Rinsate Blank	Water	1 per set of pre-cleaned equipment	1	Prepared in Field	Analyte-free water, SS funnel	14 days	DQO Level III	VOCs	8260B	14 days	HCL pH<2, Cool to 4 degree C	(3) 40 ml vial
	Trip Blanks	Water	1 per shipment of VOCs	5 (est.)	Prepared in Lab	NA	14 days	DQO Level III	VOCs	8260B	14 days	HCL pH<2, Cool to 4 degree C	(3) 40 ml vial
Groundwater Sampling	Monitoring Wells	Groundwater	1 per well	190 samples + 19 Dups (@ 10%) Total = 209	Diffusion Bag Samplers		14 days	DQO Level III	VOCs	8260B	14 days	Cool to 4 degrees C	(3) 40 ml Vial
									Dissolved Oxygen ORP Turbidity pH Temperature Specific Conductivity	Field Screening Field Screening Field Screening Field Screening Field Screening	NA NA NA NA NA	NA NA NA NA NA	NA NA NA NA NA
	Pre-Equipment Rinsate Blank	Water	1 per set of pre-cleaned equipment	5	Prepared in Field	Analyte-free water, SS funnel	14 days	DQO Level III	VOCs	8260B	14 days	HCL pH<2, Cool to 4 degree C	(3) 40 ml vial
Quality Assurance/Quality Control Samples	Post-Equipment Rinsate Blank	Water	1 per set of pre-cleaned equipment	5	Prepared in Field	Analyte-free water, SS funnel	14 days	DQO Level III	VOCs	8260B	14 days	HCL pH<2, Cool to 4 degree C	(3) 40 ml vial
	Trip Blanks	Water	1 per shipment of VOCs	8 (est.)	Prepared in Lab	NA	14 days	DQO Level III	VOCs	8260B	14 days	HCL pH<2, Cool to 4 degree C	(3) 40 ml vial

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