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## Region 6 Sample Control Center, FAX 281-983-2248

## **REQUEST FOR LABORATORY SAMPLE ANALYSES**

Site Name: Griggs and Walnut Avenue Groundwater Plume	City/State: Las Cruces, New Mexico	CERCLIS #: NM000227128	
GPRA Account #:	Site Spill ID #/ Operable Unit:	Type of Investigation/Purpose: Remedial Investigation	
EPA SAM, RPM, OSC: Petra Sanchez	Analytical Turnaround Time:	Type of Contract:	
	Region 6 Lab: 35	Contractor: CH2M HILL	
Mail Code:_6SF-LT	CLP Organics: 71421 CLP Inorganics: 71421	Shipping Contact: Darren Davis	
Telephone #: (214) 665-6686	Are preliminary results required? * See Note Below * 48 hrs VOA (X) Yes () No	Telephone #: Office, PM (Margaret O'Hare): 972-980- 2188, ext 238	
Fax #:	72 hrs Extractables ( ) Yes ( ) No 72 hrs Inorganics ( ) Yes ( ) No	On Site Ph #: Field: 505-647- 2626	
		Fax #: 505-647-4029	
Potential Enforcement Action? (X) Yes () No	Preliminary Results Fax #: Field trailer: 505-647-4029 (Darren Davis) Office: 972-385-5102 (Margaret O'Hare)	Date Sample Control Center Received Request For Sample Analysis:	
Proposed Sampling Period: October 7-11, 2002			

Preliminary Results: Requests for preliminary results must be limited to those circumstances where fast data turnaround times are needed to facilitate removal/remedial clean-up and emergency response actions. CLP preliminary results data are not considered to be data of known quality. As the name "preliminary" implies, the analytical results are tentative and may change.

Please assure that this request for analytical services has been signed and dated by the appropriate Site Assessment Manager, Remedial Project Manager, or On Scene Coordinator. Please assure that the Sample Control Center has a copy of all relevant Quality Assurance Project Plans (QAPPs) and Sampling and Analysis Plans (SAPs).

Is the QAPP,QASP,SAP,O&M Plan, GWMP,DAW, or other relevant plan being submitted with this Request For Sample Analyses? <u>No.</u>

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If no, please explain(expected date of submission etc.): <u>The QAPP is available online at</u> <<u>http://projects.ch2m.com/GriggsWalnut\_RIFS/RIFSplans/GWP\_plans.html></u>. The QAPP includes Version 1.1 and its Addendum No. 1.

Signature of EPA Site Assessment Manager (SAM), Remedial Project Manager (RPM), or On Scene Coordinator (OSC) & signify approval of this analytical service request. Signature: Date: 09 2702

To most efficiently obtain laboratory capability for your request, please address the following considerations. Incomplete or erroneous information may result in a delay in the processing of your request.

1. General description of analytical services requested: (QA/R5 - Element B1)

Matrix	Matrix Analysis Number of Samples (without QC)	Number of Samples	Field QC Samples	
		How many?	Type?	
Groundwater	VOA	26	10	3 trip blanks 3 field duplicates 2 equipment blanks 2 field blanks

Additional description (areas where samples are being collected etc.): <u>Samples are being collected via the</u> <u>Water FLUTe monitoring system</u>. <u>Sampling is expected to occur over a three day period during the week</u> requested (probably the end of the week).

2. Analytical protocol required (analytical method & method number, extraction or digestion method & method number, CLP SOW reference, for each matrix if required, etc.): (QA/R5 - Element B4)

Matrix	Analysis	Methods	
Water	VOA	CLP OLC02.1	

Additional Information:

Complete the following information if Method 5035 for VOA soils has been requested:

	# of low conc. soils	# of medium conc. soils		Type of Vials	# of low conc. soils	# of medium conc. soils
ENCORES			Pre-weighed vials			

3. Special technical instructions (specify any requirements outside of existing protocol such as target analytes, reporting limits, etc.): (QA/R5 - Elements A6 and B4)

CLP Flexibility Clause - The latest CLP Organic Statement of Work (SOW), OLM04.2, includes a flexibility clause. This clause allows the regions to request minor changes to current SOW analytical methods in order to meet specific field site requirements. The changes are limited in scope and must be approved by the EPA CLP Program Manager and Contracting Officer before implementation. Information must be submitted four weeks prior to the sampling event, and the laboratories must agree to perform the analysis at no additional cost. <u>http://www.epa.gov/superfund/programs/clp/methflex.htm</u>

- 4. Analytical results required (specify laboratory documentation and reporting requirements, reporting units, format requirements, etc.): (QA/R5 Elements A6 and B4)
- 5. Other (any additional specifications, attach supplementary information if needed): (QA/R5 Element B4)

 Data requirements (reporting limits; per analyte per matrix; reporting units; applicable reference levels, etc.): (QA/R5 - Elements A7, B1, and B4) (Attach extra pages if necessary) For CLP capabilities http://www.epa.gov/superfund/programs/clp/facts.htm. For Region 6 Laboratory capabilities http://www.epa.gov/earth1r6/6lab/r6lab.htm

Note: Samples submitted to the CLP for analysis must be low or medium concentration, single

phase, homogenous (not oily), soil, sediment, or water.

NOTE: Samples with matrix related problems (oily material, high concentration of compounds, etc.) and/or high moisture content will raise the detection limits.

Parameter	Detection Limit		
	water (units)	soil/sediment (units)	
VOA:	per EPA OLC03.2 Low Level Method (Dec 2000):		
1,1-Dichloroethane	0.5		
1,1-Dichloroethene	0.5		
1,2-Dichloroethane	0.5		
cis-1,2-Dichloroethene	0.5		
trans-1,2-Dichloroethene	0.5		
1,2-Dichloropropane	0.5		
cis-1,3-Dichloropropene	0.5		
trans-1,3-Dichloropropene	0.5		
Tetrachloroethene	0.5		
Trichloroethene	0.5		
Vinyl chloride	0.5		

## a. Compounds/chemicals of concern (Action levels etc.)

Parameter	Detection Limit		
	water (units)	soil/sediment (units)	
see above			

## 7. QC Requirements (PE samples & frequency, spikes, duplicates, blanks, & frequency)

QC Type	Frequency	QC Limits
trip blank	1 per cooler	
equipment blank	1 per cooler	

8. Data Assessment Options (For CLP generated data only)

Data assessment options apply only to data acquired through the CLP using the Organic Multi-Media/Multi-Concentration SOW - OLM04.2. See Attachment 5 (Region 6 Organic Data Assessment Options).

Data turnaround times refer to calendar days.

Mark the level of data assessment needed:

- X Level 3 Full data validation (14 day turnaround)\*
- Level 2 Results qualified by computer, partial validation by ESAT (7 day turnaround)\*
- Level 1 Results qualified by computer, minimal validation by ESAT (3 day turnaround)\*
  - \* Plus 1 5 days for processing and mailing.