SPECTRA LABORATORIES - ELECTRONIC DISK DELIVERABLE REPORT

Point Ruston completes perimeter air monitoring at three locations on the site:
NW Corner of the OCF (On-Site Containment Facility), OCF Vault #1 (upper vault), and the South Gate* (revised May 1, 2009).

TABLE LEGEND

CLIENT ID:

The 8"x10" filter sheets are individually numbered by the manufacturer to facilitate identification. This number is used as the Client ID.

CLIENT PROJECT:

Describes the type of air monitoring being conducted . Hi-Vol = Total Suspended Particulate (TSP) High Volume Air Sampler with Manual Flow Control (MFC).

SPECTRA Project #:

Unique number assigned by laboratory comprized of [YEAR] [MONTH] & [SEQUENTIAL NUMBER FOR THE MONTH] . Example 2009040089 = The 89th sample received in the month of April, 2009. A Project number is given to each batch of samples received.

Spectra Lab #:

After assigning a Project # to the batch of samples, the lab issues a sequential number to each individual sample within the batch starting at 1 and proceeding through the last sample in the batch.

Matrix:

Type of media used to obtain a sample. Air samples typically use some type of filter media. For Hi-Vol sampling Point Ruston uses 8"x10" EPM 2000 Glass Microfibre Filters which are manufactured from binderless, 100% pure borosilicate glass of special purity enabling detailed chemical analysys of trace pollutants to take place with the minimum of interferecnce or background. The EPM 2000 was selected by the EPA to be the standard filter for use in the nationwide network of Hi-Vol air samplers.

Date Sampled:

The date of sampling. For 24-hour sampling, which may span two partial dates, this represents the date with the majority of sample time. Typically this is the date the sample begins. For example: A filter started on 4/1/09 at 0800 and stopped on 4/2/09 at 0730 is dated "4/1/09".

Date Received:

This is the date samples are received by the laboratory.

Prep Date:

When applicable, this is the date the sample is prepared for analysis (Usually left blank).

Date Analyzed:

This is the date the laboratory analysis is completed.

Method:

The analitical method used to process the samples .

SW846: The EPA publication SW-846, entitled Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, is Waste's official compendium of analytical and sampling methods that have been evaluated and approved for use in complying with the RCRA regulations. SW-846 functions primarily as a guidance document setting forth acceptable, although not required, methods for the regulated and regulatory communities to use in responding to RCRA-related sampling and analysis requirements.

6010B: Inductively Coupled Plasma -- Atomic Emission Spectroscopy. For more information visit: http://www.epa.gov/osw/hazard/testmethods/sw846/index.htm.

CAS #:

Chemical Abstract Service Registry Number: CAS registry numbers are unique numerical identifiers for chemical elements, compounds, polymers, biological sequences, mixtures and alloys.
Chemical Abstracts Service (CAS), a division of the American Chemical Society, assigns these identifiers to make database searches more convenient, as chemicals often have many names. Almost all molecule databases today allow searching by CAS number.

Compound:

The name of the compound being analyzed.

Results:

The measured quantity of the listed Compound (As, Pb, etc).

Data Qualifiers:

B =	Used when the analyte is found in the associated blank, as well as in the sample.
E =	Indicates an estimated value. Used when the analyte concentration exceeds the upper end of the linear calibration range.
J =	Indicates an estimated value. Used when the analyte concentration is below the method reporting limit (MRL) and above non-detect.
U =	Indicates the compound was analyzed and not detected.

Units:

The sampling equipment records the volume of air that travel through the filter media. The laboratory calculates the amount of compound collected by the filter media per cubic meter of air. The results are reported as micrograms per cubic meter (µg/m3). The equipment can detect to 0.05 µg/m3. A result of 0.05 typically means the compound was not detected (See Also "Data Qualifiers").

CLIENT ID	CLIENT PROJECT	SPECTRA Project #	Spectra Lab #	Matrix	Date Sampled	Date Received	Prep Date	Date Analyzed	Method	CAS#	Compound	Result	Data Qualifiers	Units

* Prior to May 1, 2009 a monitor was located at the "Scale House". On May 1, 2009 this monitor was moved about 40 feet east of the scale house and the location renamed to "South Gate"