

ENVIROMAIL # 25

June 2007



WEBTRIEVE™

'Live' Early Access to final Results, with Simple Comparison to Guidelines.

ALS is pleased to announce the release of Webtrieve™ (Version 2) to the Environmental Industry. Webtrieve™ has many useful features and is designed to save you time.

Webtrieve™ is a secure Internet based application that provides real time access to the ALS laboratory database. The system has a number of features which can assist in managing and interpreting environmental laboratory data and deliverables.

Key Features:

- Access to final results, in formatted XLS tables, prior to the delivery of PDF reports.
- Automated comparison to Gazetted Regulatory or Client/Site Specific guidelines, with colour coded highlighting of breaches.
- Rapid merging of multiple work order data into a single formatted spreadsheet report with alignment of analytes (plus the ability to then compare the total project data to guidelines).
- Ability to create reports in Excel in formatted and tailored tables including CAS numbers and Guideline limits in a matter of minutes.
- Ability to track due dates and status of work orders at the click of a button.
- Ability to retrieve COCs, SRA's, Reports, Invoices, XLS files etc 24/7 at the click of a button.

Webtrieve™ can make manual data review a 'thing of the past'. Applications also include:

- Rapid Review of multiple days or weeks of Soil drilling data, while on site to assess further drilling options.
- Earlier assessment for TCLP testing with commencement of TCLP leaches days in advance.
- Classification of waste / decisions on stockpile management earlier than currently possible, especially where breaches in limits are found.
- Merging of monthly groundwater monitoring data.
- Simple sorting and Tracking of invoices for charge-on to clients.
- Use as an online electronic library of previous laboratory reports and deliverables.

EXAMPLE GUIDELINES

- Select Guideline -
- Select Guideline -
ADWVG (2004) (WATER)
ANZECC Protection of Aquatic Ecosystems (2000) (WATER)
NEPM TABLE 5-A 1999 (SOIL)
NSW EPA Waste Class (minus sched chem) 1999 (SOIL)
NSW Service Station Guidelines 1994 (SOIL)
- Select Category -
Freshwater 80% protection level
Freshwater 90% protection level
Freshwater 95% protection level
Freshwater 99% protection level
Marine water 80% protection lvl
Marine water 90% protection lvl
Marine water 95% protection lvl
Marine water 99% protection lvl

Right solutions....
....Right partner



An example of Webtrieve™ in action – Highlighting applied guideline warning and breach levels.

Work Order ES0610770

Apply Guidelines: ALS/Regulatory | NSW/EPA Waste Class (minus sched chem) 1999 (SOIL) | Inert - No TCLP required

Sample ID Header #1 ID 1 #2 ID 2 #3 Date Sampled

ALS	24/05/2007	Sample	ID 1	ID 2		SP1
ES0610770	Results		Date Sampled			31/08/2006
Analyte	CAS #	Units	LOR	Guideline Limit		SOIL
<i>EA055: Moisture Content</i>						
Moisture Content (dried @ 103°C)		%	1.0	-		10.0
<i>EG0057: Total Metals by ICP-AES</i>						
Arsenic	7440-38-2	mg/kg	5	10	50	10
Beryllium	7440-41-7	mg/kg	1	2	10	15
Cadmium	7440-43-9	mg/kg	1	2	<1	<1
Lead	7439-92-1	mg/kg	5	10	<5	<5
Molybdenum	7439-98-7	mg/kg	2	10	6	54
Nickel	7440-02-0	mg/kg	2	4	3	20
Selenium	7782-49-2	mg/kg	5	2	<5	23
Silver	7440-22-4	mg/kg	2	10	<2	<2
<i>EG0357: Total Mercury by FIMS</i>						
Mercury	7439-97-6	mg/kg	0.1	0.4	0.2	6
<i>EP074A: Monocyclic Aromatic Hydrocarbons</i>						
Benzene	71-43-2	mg/kg	0.5	1	8.0	19.8
Toluene	108-88-3	mg/kg	0.5	28.8	50.0	49.6
Ethylbenzene	100-41-4	mg/kg	0.5	60	6.0	19.8
meta- & para-Xylene	108-38-3 106-42-3	mg/kg	0.5	50	<0.5	<0.5
Styrene	100-42-5	mg/kg	0.5	6	20.0	19.8
ortho-Xylene	95-47-6	mg/kg	0.5	50	60.0	49.6
<i>EP074B: Oxygenated Compounds</i>						
2-Butanone (MEK)	78-93-3	mg/kg	5	400	<5	<5
<i>EP074E: Halogenated Aliphatic Compounds</i>						
Dichlorodifluoromethane	75-71-8	mg/kg	5	-	<5	<5
Chloromethane	74-87-3	mg/kg	5	-	<5	<5
Vinyl chloride	75-01-4	mg/kg	4	0.4	<4	<4

All formatting exported directly from Webtrieve™ to MS Excel

ALS	16/05/2007	Sample	ID 1	ID 2		SP1	SP2	
ES0610770	Results		Date Sampled			31/08/2006	31/08/2006	
Analyte	CAS #	Units	LOR	Guideline Limit		SOIL	SOIL	
Arsenic	7440-38-2	mg/kg	5	10	50	168	15	
Beryllium	7440-41-7	mg/kg	1	2	10	15	15	
Cadmium	7440-43-9	mg/kg	1	2	<1	<1	<1	
Lead	7439-92-1	mg/kg	5	10	<5	<5	<5	
Molybdenum	7439-98-7	mg/kg	2	10	6	54	54	
Nickel	7440-02-0	mg/kg	2	4	3	20	20	
Selenium	7782-49-2	mg/kg	5	2	<5	23	23	
Silver	7440-22-4	mg/kg	2	10	<2	<2	<2	
Mercury	7439-97-6	mg/kg	0.1	0.4	0.2	6	6	
Hexavalent Chromium - Soluble		mg/kg	1	10	<1.0	<1.0	<1.0	
Total Cyanide	57-12-5	mg/kg	1	32	2	<1	<1	
Weak Acid Dissociable Cyanide		mg/kg	1	7	<1	<1	<1	
Fluoride	16984-48-8	mg/kg	40	300	60	250	250	
Phenol	108-95-2	mg/kg	0.5	28.8	59.4	49.6	49.6	
2-Methylphenol	95-48-7	mg/kg	0.5	200	<0.5	<0.5	<0.5	
3- & 4-Methylphenol	1319-77-3	mg/kg	0.5	200	<0.5	<0.5	<0.5	
2,4,6-Trichlorophenol	88-06-2	mg/kg	0.5	4	<0.5	19.8	19.8	
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.5	800	<0.5	<0.5	<0.5	
Nitrobenzene	98-95-3	mg/kg	0.5	4	<0.5	<0.5	<0.5	
2,4-Dinitrotoluene	121-14-2	mg/kg	1	0.26	<1.0	<1.0	<1.0	
1,4-Dichlorobenzene	106-46-7	mg/kg	0.5	15	<0.5	<0.5	<0.5	
1,2-Dichlorobenzene	95-50-1	mg/kg	0.5	8.6	<0.5	<0.5	<0.5	
2,4-D	94-75-7	mg/kg	0.02	20	<0.02	<0.02	<0.02	
Applied Guideline: NSW EPA Waste Class (minus sched chem) (SOIL) - Inert - No TCLP required								
Color Key:		Within Guideline	Exceeds Guideline	Exceeds Guideline (less than LOR)				

"In Range" parameters highlighted green.

"Upper Limit" set to highlight, any breaches in red.

To register for Webtrieve™ please log onto: <http://webtrieve.alsenviro.com/Login.aspx>
Then click on the "I wish to register!" link

Alternatively, please contact your local ALS client services team for further information.

Adelaide	Brisbane	Melbourne	Newcastle	Perth	Sydney
08 8359 0890	07 3243 7222	03 8549 9600	02 4968 9433	08 9209 7655	02 8784 8555