

CHINOOK ENVIRO-TIMES

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Bringing industry news, views and discussions to you on a monthly basis from the Environmental Service Industry.

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Sump Viability—Whazzat?

Ever been on an oil or gas lease site where a cement, shale or mud pit was built and it's full of water before they even move a rig on (and it hasn't rained in WEEKS?!). Worse yet, the clear water layer was there one day, and gone the next. This sump was probably *not viable* for its purpose.

In other words, the base material probably had sand and/or gravel and/or rock in it, or a seam of any of the combinations. A general rule of thumb for materials is: 1 metre of *heavy clay* is considered impermeable to (liquid) movement. {Case in point: City of Regina's landfill and it's location on top of the city's aquifer!}



A newer term starting to float around the oil patch is "*sump viability*". Already being practiced under BC's **Oil & Gas Commission's (OGC)** rules for waste disposal, we can expect a similar guideline to be implemented into Alberta's upcoming directive on drilling fluids & solids disposal management.

This brings about a few questions; If/when the EUB's new directives take similar approaches to sumps, what needs to be done to prove a sump viable?

What about past sumps that were not proven 'viable' - does that create a **liability** and lots of work to investigate previous projects, to prove **COMPLIANCE**? Do the previous sumps become grandfathered, or an UNPROVEN LIABILITY?

Case in Point: Oil content and/or mud additives requirements differed between EUB and Alberta Environment (AENV) for sumps that were mixed off in the past; causing a lot of headache to prove their "non-oily" or "non-toxic" status to this day.

Looking forward, we advise contact an environmental representative to assess your sumps' viability. Chinook Environmental Services Ltd. will examine porosity, particle sizes, and general soil qualities, thereby assessing a "Grade" to your sumps' viability. Furthermore, we have established similar criteria through a ***Soil Materials Assessment Profile*** for Facilities, Access Roads, Water Course Crossings, Pipeline Crossings, Berm/Containments, Shale/Cement/Storage Pits, and Trenches.

Tim Horton's Camp Day—Another DOUBLE-DOUBLE Success!

The smell of frying bacon across the campground and sounds of singing Robins at 5 am. Mosquito bites and campfire crackles. You may or may not know have experienced these over summer, but FORTUNATELY at least three kids were able to, with the *Chinook Environmental Services Ltd.*— Tim Horton's Camp Day.

For the 6th Year in a row, Chinook Environmental Services Ltd. served coffee on June 6th to all their valuable clients. Surpassing last year, this year we dolled out over 900 coffees to raise (... cont'd)



Double-Double Success—cont'd

... over \$1,440. That's enough to send 3 kids to camp this year! The fundraiser made over \$8 Million this year, sending a total of 12,000 kids to camp.

We'd like to thank the staff and crew of CESL for volunteering their time & muscles to divvy up the bean juice for such a great cause.



I'd like to personally thank each and every one of our clients for supporting CESL, who will remain active in the community with such great programs.—Mitch Golay, President, Chinook Environmental Services Ltd.

EXTRA! EXTRA!

Chinook Environmental Services Ltd. Awarded Consultation Services by Alberta Infrastructure and Transportation. July 27, 2007.

Calgary, Alberta. Alberta Environment, Infrastructure and Transportation awarded their consultation services for various environmental projects for the 2007-08 year. As such, Allan Donovan (P. Eng.), Manager, Consultant Compliance and Performance for Transportation and Civil Engineering Division notified Chinook Environmental Services Ltd. (CESL) as to their award in Contaminated Site Assessment & Remediation.

Mitch Golay, Principal of CESL was ecstatic on the news. "We are very excited about this opportunity to diversify to other areas to continue providing our extra-excellent service at a fair price", he said.

Chinook Environmental is always striving to grow, and just this year, was able to offer in-house services for various water well testing requirements.

"Looking forward, we see enhanced growth with superbly qualified and experienced individuals, fulfilling our vision as a leader in the Environmental Services industry in Western Canada", Golay said.



On a closing note, Golay and CESL are in talks with representatives of the Venezuelan government on international operations into South America.

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#501, 100—4th Ave. S.W. Calgary, AB. T2P 3N2

Phone Toll-Free: 1-866-866-4593

Fax: (403) 520-3297

Website: www.chinook.com/Enviro