

## Jakub, Barbara, Env. Health

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**From:** Jakub, Barbara, Env. Health  
**Sent:** Thursday, October 06, 2011 12:55 PM  
**To:** 'Hull, Ian'  
**Subject:** RE: RO298 and RO 408: Groundwater Monitoring Changes

That is even better. Please proceed with your proposal.

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**From:** Hull, Ian [<mailto:ihull@croworld.com>]  
**Sent:** Thursday, October 06, 2011 12:11 PM  
**To:** Jakub, Barbara, Env. Health  
**Subject:** RE: RO298 and RO 408: Groundwater Monitoring Changes

Hi Barb,

We'd prefer to run both methods for all samples. Unless you have an objection, I'll make these changes to the sampling plan for the next events.

Thank you,

**Ian Hull**  
**Conestoga-Rovers & Associates (CRA)**

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**From:** Jakub, Barbara, Env. Health [<mailto:barbara.jakub@acgov.org>]  
**Sent:** Thursday, October 06, 2011 11:30 AM  
**To:** Hull, Ian  
**Subject:** RO298 and RO 408: Groundwater Monitoring Changes

Ian,

Please run the sample with the maximum TPHd concentrations at both locations using both methods and evaluate the data from both samples in the next monitoring report.

Regards,

Barb Jakub

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**From:** Hull, Ian [<mailto:ihull@croworld.com>]  
**Sent:** Thursday, September 29, 2011 3:01 PM  
**To:** Jakub, Barbara, Env. Health  
**Subject:** Groundwater Monitoring Changes ~COR-060724-2011~

Barbara,

For RO# 298 (3070 Fruitvale Ave, Oakland) and RO# 408 (6535 San Leandro St, Oakland): CRA proposes performing silica gel cleanup on all TPHd by 8015 samples to isolate the petroleum hydrocarbon compounds. Currently all samples are analyzed for TPHd by 8015 without silica gel cleanup. Without silica gel cleanup, 8015 results can include non-hydrocarbon compounds which bias the results high. We propose performing a

silica gel column cleanup method as opposed to the “shake” method due to the technical superiority of the column method. Do you approve these proposed changes?

Thank you,

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**Ian Hull**

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