

## Detterman, Mark, Env. Health

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**From:** Detterman, Mark, Env. Health  
**Sent:** Wednesday, June 15, 2016 11:38 AM  
**To:** 'Hargrave, Morgan'  
**Cc:** Horne, Mark (MarkHorne)  
**Subject:** RE: ACEH Correspondence for RO137 (Chevron 90019, 210 Grand Ave, Oakland) - Outfall Sampling Issues

Thanks Morgan,

I would also be concerned about the data quality if collecting a submerged sampling point; it appears that approach won't work.

Let's see what the groundwater analytical indicates; my recollection is that DTW makes a difference at the site.

*Mark Detterman*  
*Senior Hazardous Materials Specialist, PG, CEG*  
*Alameda County Department of Environmental Health*  
*1131 Harbor Bay Parkway*  
*Alameda, CA 94502*  
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*Email: mark.detterman@acgov.org*

*PDF copies of case files can be downloaded at:*

*<http://www.acgov.org/aceh/lop/ust.htm>*

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**From:** Hargrave, Morgan [mailto:Morgan.Hargrave@ghd.com]  
**Sent:** Wednesday, June 15, 2016 9:54 AM  
**To:** Detterman, Mark, Env. Health  
**Cc:** Horne, Mark (MarkHorne)  
**Subject:** RE: ACEH Correspondence for RO137 (Chevron 90019, 210 Grand Ave, Oakland) - Outfall Sampling Issues

Hi Mark,

Gettler-Ryan performed the special sampling event at former Chevron 90019 in Oakland this morning. They sampled well MW-5 but were unable to sample the storm water outfall.

Here is what the tech said about the outfall after performing additional recon:

*I [have] done some recon and located the bridge for the storm water outfall. The bridge is at an angle, so it's very hard to visually locate the outfall. From the opposite side of the bridge, I can vaguely see an outline of a large pipe that could potentially be it [the storm water outfall].*

*I can't say with 100% certainty due to visibility this morning, but I would say it [the outfall] looked submerged [within the creek], if it's not submerged, it's darn close from where I was standing.*

*As far as sampling it in the future, the task will be difficult. There are no entrance gates to reach the edge of the creek, therefore, we would have to go over the lined fence onto a small bank, which would have a hazard of falling down into the creek. In the event, we are able to do that, we would then need a sampling pole approximately 20ft with a sampling cup to attempt to sample while with limited visibility as the pipe in question is a few feet underneath.*

I have concerns about grabbing a sample from the outfall if in fact the outfall discharge point is submerged in the creek. If the discharge point is submerged, that sample would not be representative of the outfall and analysis could detect other compounds emanating from an alternate source upstream from the discharge point.

We are happy to work with ACEH on this issue and welcome additional ideas. Once we receive the sample data from MW-5, we will compile a short report summarizing the results for submission to your office.

Thanks,  
**Morgan Hargrave**

#### **GHD**

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**From:** Hargrave, Morgan  
**Sent:** Tuesday, June 14, 2016 10:43 AM  
**To:** 'Detterman, Mark, Env. Health'  
**Cc:** Horne, Mark (MarkHorne)  
**Subject:** RE: ACEH Correspondence for RO137 (Chevron 90019, 210 Grand Ave, Oakland) - Outfall Sampling Issues

Hi Mark,

Sorry about that; you're correct. I spoke to our field rep and we got our wires crossed a little bit. The 'outfall' photo is a picture of the only line she could identify emptying into the creek. She said she could not see where the storm water outfall empties into the creek under the bridge without actually getting into the creek. Attached are the storm water map marked up with the assumed sampling point and a photo showing the creek under the bridge.

I can call you right now (or you can call me). Or would like to set something up for 11AM? I'm also open today.

Thanks,  
**Morgan Hargrave**

#### **GHD**

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**From:** Detterman, Mark, Env. Health [<mailto:Mark.Detterman@acgov.org>]  
**Sent:** Tuesday, June 14, 2016 9:53 AM  
**To:** Hargrave, Morgan  
**Cc:** Horne, Mark (MarkHorne)  
**Subject:** RE: ACEH Correspondence for RO137 (Chevron 90019, 210 Grand Ave, Oakland) - Outfall Sampling Issues

Hi Morgan,  
I'm mostly open today, so am around if you want to identify a time. I took a look at the photos and the "outfall" photo is for a line on the west side of the creek, and not the east towards the site, so it would not suit the purpose of the sampling. Based on my recollection of the utility plans I would guess the outfall is located beneath the bridge that the road becomes above the creek, so access may be more complicated, and it may be that there is currently insufficient water. It may be seasonal flow, which may provide dilution, or concentration of potential contaminate concentrations.

*Mark Detterman*

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**From:** Hargrave, Morgan [<mailto:Morgan.Hargrave@ghd.com>]  
**Sent:** Tuesday, June 14, 2016 7:41 AM  
**To:** Detterman, Mark, Env. Health  
**Cc:** Horne, Mark (MarkHorne)  
**Subject:** FW: ACEH Correspondence for RO137 (Chevron 90019, 210 Grand Ave, Oakland) - Outfall Sampling Issues  
**Importance:** High

Hi Mark,

The soonest I was able to get our sampling contractor on the schedule to sample the site as requested in your attached letter was tomorrow, June 15. I had GHD staff perform a site recon to identify the stormwater outfall sampling point and, unfortunately, sampling the outfall does not appear feasible. Staff was not available to identify any appropriate standing or flowing water to sample.

Staff located two potential sampling points – a direct inlet and the outfall from the stormwater line to the creek. The DI has debris piled up inside of it with no visible free water. The outfall is just a trickle of water so small that the sampling contractor does not believe they'll be able to collect a representative sample.

Are you available for a quick call today to discuss?

Thanks,  
**Morgan Hargrave**

#### GHD

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**From:** dehloptoxic, Env. Health [<mailto:deh.loptoxic@acgov.org>]  
**Sent:** Monday, May 23, 2016 8:34 AM  
**To:** 'MarkHorne@chevron.com'; 'marinola@oaklandnet.com'  
**Cc:** Hargrave, Morgan; Roe, Dilan, Env. Health; Detterman, Mark, Env. Health  
**Subject:** ACEH Correspondence for RO137

Dear Interested Parties,

Attached is Alameda County Environmental Health's (ACEH) correspondence for your case, RO0000137

Please add our email address to your book to prevent future e-mails from being filtered as spam.

Sincerely,

ACEH

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