

## Detterman, Mark, Env. Health

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**From:** Detterman, Mark, Env. Health  
**Sent:** Thursday, October 06, 2011 11:44 AM  
**To:** 'Kasey Jones'  
**Subject:** RE: German Autocraft - Damaged Monitoring Well - MW-6

Thanks for the additional info; I was guessing it might. I do agree it would be appropriate to destroy the well, especially sometime before we receive too much more rain. We can revisit the need for a replacement in the future, but with luck it may not be needed; especially since concentrations have been below ESLs since September 2007, and a case could be made that any future concentrations might be related to storm water drainage down the well. All I would ask for is a brief well destruction letter report with destruction permit, methodology (and time, date, etc.), and analytical results collected (if any), and any other recommendations (again, if any are needed). You can use this email as documentation of ACEH concurrence. I'll upload this email to Geotracker as a directive letter, and put an "action date" on the report, say December 16?

*Mark Detterman*  
*Senior Hazardous Materials Specialist, PG, CEG*  
*Alameda County Environmental Health*  
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*PDF copies of case files can be downloaded at:*

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

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**From:** Kasey Jones [<mailto:kaseyjones@stratusinc.net>]  
**Sent:** Thursday, October 06, 2011 11:28 AM  
**To:** Detterman, Mark, Env. Health  
**Subject:** RE: German Autocraft - Damaged Monitoring Well - MW-6

Mark,

The picture is a little misleading, in that it looks like the crack stops just a few inches down, but in fact, it extends at least 3-feet down the well casing, possibly further.

We do not have any additional mobs planned for this site...likely until early next year (after winter).

Sincerely,

Kasey L. Jones  
Senior Project Manager  
**STRATUS ENVIRONMENTAL, INC.**  
PH (415) 516-0373



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**From:** Detterman, Mark, Env. Health [<mailto:Mark.Detterman@acgov.org>]  
**Sent:** Thursday, October 06, 2011 10:12 AM  
**To:** 'Kasey Jones'  
**Subject:** RE: German Autocraft - Damaged Monitoring Well - MW-6

Hi Kasey,

It does look like one fairly abused well... I would be in agreement that the well should be destroyed or repaired, especially with the coming winter weather (all ready here). I was trying to figure what might be less costly – destruction or repair (and maybe still give us some info)? How far down did the cracking extend (you said "...as far as I could see...")? The cracking in the one shot looks like it only goes several inches down, or does it go deeper without splitting? If so destruction would be appropriate, if not, then repair?? (Just checking!). When's your next mob to the site for subsurface installations; any planned (probably not, but again just checking!)?

Thanks,

*Mark Detterman*  
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**From:** Kasey Jones [<mailto:kaseyjones@stratusinc.net>]  
**Sent:** Thursday, October 06, 2011 9:09 AM  
**To:** Detterman, Mark, Env. Health  
**Subject:** German Autocraft - Damaged Monitoring Well - MW-6  
**Importance:** High

Mark,

During our last quarterly groundwater monitoring event, our technician noted that well MW-6 (see attached map for location) was damaged and could not be gauged or sampled. I visited the site and conducted a more thorough inspection of the well and took several pictures of it (attached). It appears that, over time, the well box (and asphalt surrounding it) has sunk several inches due to high traffic on that corner; this has caused the well box cover to crush the well casing, causing it to shatter and crack. The top of the well casing is completely shattered and cracks in the PVC well casing extend as far down the well as I could see.

It is my opinion that the well is unsalvageable and is currently acting as an open conduit to the groundwater table. The last time the well was sampled (September 13, 2010), it was below laboratory detection limits for all analyzed constituents. Although the well does define the northern lateral extent of the plume, I believe that this well should be destroyed immediately.

Sincerely,

Kasey L. Jones

Senior Project Manager  
**STRATUS ENVIRONMENTAL, INC.**  
PH (415) 516-0373



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