

Daoust, Kevin (DEP)

From: Samuel Nicolai <Samuel.Nicolai@casella.com>
Sent: Friday, August 26, 2016 4:37 PM
To: Daoust, Kevin (DEP)
Cc: Jeffrey L. Arps
Subject: Requested Information - POET systems
Attachments: 20160826 Residential Summary Table.pdf

Kevin,

Attached is a summary table of the progress and plans for POET systems in relation to the Charlton well project area. We will follow up next week with a submittal through eDEP.

Sam

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Address	Discussion of Analytical Data	Action	POET System Status	Action	POET System Install Schedule
Installation Complete:					
65 HFR	TCE and 1,4-dioxane concentrations exceed MCL/DWG. Other CVOCs detected.	POET System	Installed.	O&M - Ongoing	Installed 11/13/2015
81 HFR	1,4-Dioxane concentrations periodically exceed DWG. Other CVOCs detected.	POET System	Installed.	O&M - Ongoing	Installed 2/19/2016
Installation Recommended/Installation Process Initiated:					
58 HFR	Prior to 7/2016, this location has previously had low levels of the COCs. In 7/2016, DWG exceeded for 1,4-dioxane, TCE exceeded MCL, and other CVOCs detected (less than MCLs).	Currently on Bottled Water; proceed with POET	Signed maintenance agreement has been received, but finalization of plans for water softener are pending.	Agreement with owner pending.	Q3/Q4 2016
70 HFR	This location currently and historically exceeded the DWG for 1,4-dioxane; CVOCs have been ND for period of record.	Currently on Bottled Water; proceed with POET	Signed maintenance agreement has been received. Subcontractor scheduling visit and installation date.	Construction.	Q3 2016
89 HFR	Beginning in 9/2014, low-levels of CVOCs have been detected (below MCLs) and 1,4-dioxane has been detected. 1,4-Dioxane exceeded DWG in 11/2015; below DWG or ND since 11/2015 round.	Currently on Bottled Water; proceed with POET	Signed maintenance agreement has been received. Subcontractor scheduling visit and installation date.	Construction.	Q3 2016
66 HFR	This location previously had low levels of CVOCs between 2007 and 2013; was ND for CVOCs in 2015 and 2016 (to date). It was ND for all COCs in 1/2016 and 4/2016. TCE and 1,4-dioxane exceeded MCL/DWG in 7/2016 sampling round.	Currently on Bottled Water; proceed with POET	Start discussions with homeowner on agreement for planned installation of system.	Agreement with owner.	Q4 2016
75 HFR	Low CVOC concentrations were detected here between 2005 and 2014, but has been ND since 2014; the 7/2016 results indicate low concentrations of CVOC again. 1,4-Dioxane was also detected above the DWG in 9/2014, was ND in 2015 and 2016, and has been detected above the DWG again in 7/2016 results.	Currently on Bottled Water; proceed with POET	Start discussion with homeowner regarding upgrade of existing single vessel GAC system to be consistent with project-designed systems.	Agreement with owner.	Q4 2016
77 HFR	The 7/2016 results indicate low concentrations of CVOC and 1,4-dioxane above the DWG.	Currently on Bottled Water; proceed with POET	Start discussions with homeowner on agreement for planned installation of system, pending confirmation of detections in October quarterly sampling.	Agreement with owner, and confirm October results.	Q4 2016
85 HFR	Low levels of CVOCs and 1,4-dioxane (above the DWG) were detected in 7/2016.	Currently on Bottled Water; proceed with POET	Start discussions with homeowner on agreement for planned installation of system, pending confirmation of detections in October quarterly sampling.	Agreement with owner, and confirm October results.	Q4 2016
"Watch" List:					
54 HFR	Prior to 7/2016, all ND. Single detection of chlorobenzene is a new detect (below MCL) in 7/2016.	Currently on Bottled Water	The need for a POET system at this location could be evaluated once additional data are available following October 2016 quarterly sampling.	Continue to monitor.	Q1 2017, if needed
59 HFR	Prior to 7/2016, all ND. Toluene is a new detect (below MCL).	Currently on Bottled Water	The need for a POET system at this location could be evaluated once additional data are available following October 2016 quarterly sampling.	Continue to monitor.	Q1 2017, if needed
74 HFR	Isolated 1,4-dioxane concentration above DWG in 9/2015. ND in 7/2016.	Currently on Bottled Water	Isolated 1,4-dioxane detection only.	Continue to monitor.	None
90 HFR	CVOC concentrations in 2/2016, and 7/2016 quarterly sampling results are pending.	Currently on Bottled Water	The need for a POET system at this location will be evaluated once these data are available.	Evaluate 9/2016.	Q4 2016 / Q1 2017, depending on July results
93 HFR	Isolated detection of cis-1,2-DCE in 2/2016; 7/2016 quarterly sampling round not completed due to lack of access.	Currently on Bottled Water	7/2016 results have not been received for this location. The need for a POET system at this location will be evaluated once these data are available.	No access for July sampling.	Q1 2017, if needed