Message

From: Dudar, Helen [DEP] [Helen.Dudar@dep.nj.gov]
Sent: 7/23/2021 1:24:30 PM
To: Davis, Katherine L [katherine.l.davis@aecom.com]; Kavvadias, Eleni [kavvadias.eleni@epa.gov]; Seppi, Pat [Seppi.Pat@epa.gov]; Shepherd, Shana [DEP] [Shana.Shepherd@dep.nj.gov]
CC: 'Andrew.S.Hartten@chemours.com' [Andrew.S.Hartten@chemours.com]; Norcross, Scott [scott.norcross@aecom.com]
Subject: RE: CWKs RES - Evergreen Spreadsheets and Map for the July Update Call (7/21/21)
Attachments: NJDEP_PFPFASStudy_Logan_072221.jpg

Good morning,

In reference to the four residential well locations (Logan Twp) in question, below is the NJDEP's contractor's response.

"I cross-checked the field sampling data forms for these four properties and the X/Y coordinates included on the table are documented as such on the Field Sampling Data Forms. These coordinates were collected using a hand-held Trimble GPS during the sampling event.

Attached on the Google Earth image for each of the four properties are the placemarks:

1.
2.
3.
4.

Ex. 6 Personal Privacy (PP)

Scott, That was not you that beached the boat, right?

Helen

New Jersey Department of Environmental Protection
Site Remediation and Waste Management Program
Bureau of Case Management
401 East State Street
P.O. Box 420
Mailcode 401-05F
Trenton N.J. 08625-0420

Nothing in this correspondence affects your potential liability and obligations to the State Trustee, the Department, or its Commissioner regarding natural resource injuries, restoration, or damages.

From: Dudar, Helen [DEP]
Sent: Wednesday, July 21, 2021 1:28 PM
To: Davis, Katherine L <katherine.l.davis@aecom.com>; Kavvadias, Eleni <kavvadias.eleni@epa.gov>; Seppi, Pat <Seppi.Pat@epa.gov>; Shepherd, Shana [DEP] <Shana.Shepherd@dep.nj.gov>
Cc: 'Andrew.S.Hartten@chemours.com' <Andrew.S.Hartten@chemours.com>; Norcross, Scott <scott.norcross@aecom.com>
Subject: RE: CWKs RES - Evergreen Spreadsheets and Map for the July Update Call (7/21/21)

I will contact the sampling contractor concerning the mix-up, thank-you for bring it to our attention.

From: Davis, Katherine L <katherine.l.davis@aecom.com>
Sent: Wednesday, July 21, 2021 12:21 PM
To: Kavvadias, Eleni <kavvadias.eleni@epa.gov>; Seppi, Pat <Seppi.Pat@epa.gov>; Dudar, Helen [DEP] <Helen.Dudar@dep.nj.gov>; Shepherd, Shana [DEP] <Shana.Shepherd@dep.nj.gov>
Cc: 'Andrew.S.Hartten@chemours.com' <Andrew.S.Hartten@chemours.com>; Norcross, Scott <scott.norcross@aecom.com>
Subject: [EXTERNAL] RE: CWKs RES - Evergreen Spreadsheets and Map for the July Update Call (7/21/21)

Helen – Cheryl said the new NJDEP data fall into Logan township when the coordinates are switched. Please pass that message on to whomever should know. Thanks.

Kathy

Katherine L. Davis, PhD
Pronouns: *she, her, hers*
PFAS Technical Lead, Principal Geologist
D +1-302-318-**2597 new**
M +1-302-530-2687
katherine.l.davis@aecom.com

From: Davis, Katherine L
Sent: Tuesday, July 20, 2021 2:51 PM
To: Kavvadias, Eleni <kavvadias.eleni@epa.gov>; Seppi, Pat <Seppi.Pat@epa.gov>; Dudar, Helen <Helen.Dudar@dep.nj.gov>; Shepherd, Shana (DEP) <Shana.Shepherd@dep.nj.gov>
Cc: 'Andrew.S.Hartten@chemours.com' <Andrew.S.Hartten@chemours.com>; Norcross, Scott <scott.norcross@aecom.com>
Subject: CWKs RES - Evergreen Spreadsheets and Map for the July Update Call (7/21/21)

Good Afternoon All,

Attached are the updated spreadsheets and map (as of July 15, 2021). Below are the summary bullets for each spreadsheet and other agenda topics.

Evergreen CWKS RES Contacts:

- Rows 2 – 85 Green – contact complete for 2021; see "Comments" and "Path Forward" columns for details; tracked in Terradex if vacant/no house, PWSs in the Evergreen PWS Info spreadsheet
- Rows 86 – 326 Yellow – in progress
    - 229 samples with results
        - 189 with no exceedances
        - 40 with exceedances
    - 0 with no final results yet
    - 3 scheduled for sampling
    - 8 to be scheduled
- Rows 327 – 338 Pink – non-response to AECOM efforts to schedule or other non-response issues, were referred to EPA/NJDEP for follow up
- Rows 339 – 800 White; no response to date, well address vacant and no owner response or mailings still in progress; also being tracked in Terradex for ownership changes
    - Rows 339 – 692 - 2021 mailing(s) complete; see "Status or Water Source" column for details
    - Rows 693 – 800 – mailings still in progress (see red text)

- Note: SOPs currently say we will drive by all vacants annually. We have decided to switch this process to sending an annual letter to all vacant properties and see which still come back as vacant. 2021 Vacants Annual Letter will be mailed first weeks of August pending vacation schedules.

Evergreen PWS Info:

- From greens in Evergreen CWKs RES Contacts spreadsheet and other sources, blue at the bottom are new

Evergreen Results Mailed and Updated Map attached – Green stars indicate location sampled with no final results yet. These include results for wells sampled or resampled mostly since EA8 was kicked off.

- Note EA9 has started so the map with be cleared of all post boxes and only new results finalized after July 15 will be posted moving forward. Colors for symbols for location resampled will reflect the most recent data. All results can be found in the Evergreen Results Mailed spreadsheet.

Evergreen Treatment Status:

- Rows 2 – 15 – Yellow - In progress but not yet scheduled, some need another call by Shannon (all with issues will be made Pink and have been or will be shared with EPA/NJDEP by the next update meeting)
- Row 16 – 17 – Pink – referred to EPA/NJDEP for follow up
- Rows 18 – 227 – GACs already installed (210, includes the NJDEP-installed systems for which Chemours is performing OM&M)
- Rows 228 – 234 – N/As (mostly new wells installed with no exceedances) (7; see comments)
- Rows 235 – 243 – PWS Connections (10, see comments)
- Rows 244 – 252 – Bottled Water (9, see comments)
- Rows 253 – 258 – Declines – 2021 Annual contact made (6, see comments)
- Rows 259 – 263 – Treatment Incomplete – 2021 Annual Contact made (5, see comments)

2Q21 OM&M Update

- 192 GAC systems included
- 3 Non-response in 2Q21
- 4 not sampled at the request of the owner (construction, house being sold, vacation)
- OM&M complete, and data are all final, report to be submitted 7/29/21
- REG LOC ID version and Table 1 and Figure 1 will be posted to the Chambers Works website shortly afterwards

Off-site Monitoring Well Update

- VOA well cluster – results submitted to VOA (did Scott N forward?)

			Location Type	GW	GW	GW
			Sample Purpose	FS	FS	FS
			Well Screen Depth	12-22 ft bgs	30-40 ft bgs	72-82 ft bgs
Parameter Name - PFAS Compound	**Abreviation**	**Filtered**	**Report Units**	**Report Result**	**Report Result**	**Report Result**
11Cl-PF3OUdS	11CL-PF3OUdS	N	UG/L	<0.0018	<0.0018	<0.0017 UJ
9Cl-PF3ONS	9CL-PF3ONS	N	UG/L	<0.0018	<0.0018	<0.0017
DONA	DONA	N	UG/L	<0.0018	<0.0018	<0.0017
Hfpo Dimer Acid	HFPO-DA	N	UG/L	<0.0018	<0.0018	<0.0017
N-ethyl perfluorooctane sulfonamidoacetic acid	NEtFOSAA	N	UG/L	<0.0018	<0.0018	<0.0017 UJ
N-methyl perfluorooctane sulfonamidoacetic acid	NMeFOSAA	N	UG/L	<0.0018	<0.0018	<0.0017
Perfluorobutane Sulfonic Acid	PFBS	N	UG/L	<0.0018	**0.0095**	**0.0019**
Perfluorodecanoic Acid	PFDA	N	UG/L	<0.0018	<0.0018	<0.0017
Perfluorododecanoic Acid	PFDoA	N	UG/L	<0.0018	<0.0018	<0.0017 UJ
Perfluoroheptanoic Acid	PFHpA	N	UG/L	**0.0022**	**0.0029**	<0.0017
Perfluorohexane Sulfonic Acid	PFHxS	N	UG/L	<0.0018	<0.0018	<0.0017
Perfluorohexanoic Acid	PFHxA	N	UG/L	**0.0036**	**0.0097**	**0.0026**
Perfluorononanoic Acid	PFNA	N	UG/L	**0.0029**	**0.0029**	<0.0017
Perfluorotetradecanoic Acid	PFTrA	N	UG/L	<0.0018	<0.0018	<0.0017 UJ
Perfluorotridecanoic Acid	PFTrDA	N	UG/L	<0.0018	<0.0018	<0.0017 UJ
Perfluoroundecanoic Acid	PFUnA	N	UG/L	<0.0018	<0.0018	<0.0017
Perfluotooctanoic acid	PFOA	N	UG/L	**0.0083**	**0.0073**	**0.0043**
Perfluoroooctanoic sulfonic acid	PFOS	N	UG/L	<0.0018	**0.0044**	<0.0017

- Year 3 Off-site Monitoring well PFAS Sampling to be completed first week of August (excluding the VOC well cluster)

CWKs SOPs REV – in progress

Other Items –

- Thanks for the new NJDEP data – updating dot maps and concentration vs distance maps

Thanks.

Kathy

Katherine L. Davis, PhD
Pronouns: *she, her, hers*
PFAS Technical Lead, Principal Geologist
D +1-302-318-**2597 new**
M +1-302-530-2687
katherine.l.davis@aecom.com

AECOM
4051 Ogletown-Stanton Rd
Suite 300
Newark, DE 19713, United States
T +1-302-781-5900
aecom.com

Delivering a better world

LinkedIn | Twitter | Facebook | Instagram