From:	James Van Horn
To:	Badalamenti, Salvatore; Dudek, Heidi M (DEC); Similo, Ashley; Thantu, Lorenzo
Cc:	Burke, Gerard (DEC); Myralee S. Machol (mmachol@glencovecda.org); Frank DeVita
Subject:	RE: 3398: Glen Cove Waterfront Revitalization Project - SPLP analysis
Date:	Monday, June 08, 2015 3:09:07 PM
Attachments:	removed.txt

Hi all,

Sorry for the confusion. It is our understanding that there is not any new data. They indicated that before additional samples were analyzed they decided that additional expertise was needed to interpret the original data. Please feel free to contact me with any additional questions.

Thanks,

D&B ENGINEERS
AND
ARCHITECTS, P.C.

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From: Badalamenti, Salvatore [mailto:Badalamenti.Salvatore@epa.gov]
Sent: Monday, June 08, 2015 2:46 PM
To: James Van Horn; Dudek, Heidi M (DEC); Similo, Ashley; Thantu, Lorenzo
Cc: Burke, Gerard (DEC); Myralee S. Machol (mmachol@glencovecda.org); Frank DeVita
Subject: RE: 3398: Glen Cove Waterfront Revitalization Project - SPLP analysis

Which is correct? There is new data or there isn't?

From: James Van Horn [mailto:jvanhorn@db-eng.com]
Sent: Monday, June 08, 2015 2:44 PM
To: Dudek, Heidi M (DEC); Similo, Ashley; Thantu, Lorenzo
Cc: Badalamenti, Salvatore; Burke, Gerard (DEC); Myralee S. Machol (mmachol@glencovecda.org); Frank DeVita
Subject: RE: 3398: Glen Cove Waterfront Revitalization Project - SPLP analysis

Heidi,

Correct. That is what the Development Team has indicated to us.

D&B ENGINEERS
AND
ARCHITECTS, P.C.

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From: Dudek, Heidi M (DEC) [mailto:heidi.dudek@dec.ny.gov]
Sent: Monday, June 08, 2015 2:37 PM
To: James Van Horn; Similo, Ashley; Lorenzo Thantu (Thantu.Lorenzo@epa.gov)
Cc: Badalamenti, Salvatore; Burke, Gerard (DEC); Myralee S. Machol (mmachol@glencovecda.org); Frank DeVita
Subject: RE: 3398: Glen Cove Waterfront Revitalization Project - SPLP analysis

Hi Jim –

Just to clarify no additional sampling and/or analysis of samples collected in April has been completed? Or do the results that are being entered into the Environ database include data we have not seen to date?

Thanks - Heidi

From: James Van Horn [mailto:jvanhorn@db-eng.com]
Sent: Monday, June 08, 2015 2:26 PM
To: Similo, Ashley; Lorenzo Thantu (Thantu.Lorenzo@epa.gov); Dudek, Heidi M (DEC)
Cc: Badalamenti, Salvatore; Burke, Gerard (DEC); Myralee S. Machol (mmachol@glencovecda.org); Frank DeVita
Subject: 3398: Glen Cove Waterfront Revitalization Project - SPLP analysis

Ashley/Lorenzo/Heidi,

Below is the Development Team's response to Ashley's May 5, 2015 email to Frank DeVita which requested that "all 24 samples that exceeded 100 ppm for arsenic to be analyzed for SPLP." Please let us know if you have any comments regarding their approach moving forward or would like to have a call to discuss the methodology prior to submission of the evaluation.

Thanks,

D&B ENGINEERS

AND
ARCHITECTS, P.C.

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From: Graham, Thomas [mailto:TGraham@RXRRealty.com]
Sent: Friday, June 05, 2015 11:17 AM
To: Frank DeVita
Cc: Myralee Machol - City of Glen Cove (mmachol@glencovecda.org); James Van Horn; Koch, Ellis (ekoch@posillicoinc.com)
Subject: FW: Glen Isle: SPLP analysis- plan for going forward RESPONSES TO HEIDI 5/5

Team:

Ellis asked me to forward this on his behalf:

"Please inform the Agencies that for the last month the Developer has been looking for a qualified firm to assist with the calculation of a soil management concentration (SMO) for arsenic.

Since the beginning of the year soil samples were collected and analyzed using the SPLP method to determine the potential leachate concentration that may be produced from the soil in the area where the samples were obtained. Those results were used in a linear regression statistical analysis as prescribed by the NJDEP to calculate an SMO as requested by the Agencies. The results were discussed with the Agencies on a May 5th conference call wherein the Team was asked to run additional samples for SPLP testing.

The Developer doesn't object to the additional analyses. However, the Developer decided that before the samples were analyzed additional expertise to interpret the results were needed to answer internal questions about the procedure with the goal of making sure all parties were satisfied with the outcome. During the last few weeks the Team interviewed prospective candidates and selected Ramboll Environ (Environ) to assist with this analysis.

Environ is entering the results into a database to facilitate their analysis and expects that we will submit a letter/memo presenting their arsenic soil migration-to-groundwater evaluation by Wednesday, June 17th.

Environ's objective is to calculate a site-specific soil migration to groundwater screening

level. They propose to use the SPLP data collected from the site to calculate a site-specific soil-water partition coefficient (K_d) for arsenic. They propose to calculate this site-specific K_d using a methodology based on Option 2 of NJDEP's 2013 guidance for the use of the *Synthetic Precipitation Leaching Procedure to Develop New Jersey Site-Specific Impact to Ground Water Remediation Standards*. The site-specific K_d value would then be used to calculate a site-specific soil migration to groundwater screening level via the equilibrium partitioning (also called soil/water partition) equation and methodology used by NYSDEC/USEPA for developing such screening levels for NY sites.

Please express our apologies for not being more communicative since the May 5th call.

I would be happy to set up a call with any parties that want to discuss the methodology in more detail prior to getting the Environ report."

--
Ellis Koch
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Farmingdale, NY 11735

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