

Rhonda Miller - MVLWB

From: Kathleen Graham [kgraham@mvlwb.com]
Sent: June-27-11 10:30 AM
To: permits@mvlwb.com
Subject: FW: Fort Smith landfill sampling well data review and recommendations

From: Jean Soucy [mailto:jsoucy@fortsmith.ca]
Sent: Monday, June 27, 2011 10:18 AM
To: Johnson, Ken
Cc: michel.lanteigne@aecom.com; Kathleen Graham
Subject: RE: Fort Smith landfill sampling well data review and recommendations

Hi Ken,

I just talked Kathleen Graham about our response to the most recent questions. She informed me that it was required for today. Can you have your staff address these questions by days end or request an extension on the town behalf.

Thanks
Jean

From: Jean Soucy [mailto:jsoucy@fortsmith.ca]
Sent: June-24-11 11:10 AM
To: 'Johnson, Ken'
Cc: michel.lanteigne@aecom.com
Subject: RE: Fort Smith landfill sampling well data review and recommendations

Then I'll leave that in your capable hands. I haven't received a response from MVLWB as to when they expect a response to the latest. You may want to ask Kathy Racher.

Jean

From: Johnson, Ken [mailto:Ken.Johnson@aecom.com]
Sent: June-23-11 5:16 PM
To: Jean Soucy
Subject: RE: Fort Smith landfill sampling well data review and recommendations

Jean – my preference would be to compile a series of responses to send in rather than doing it piecemeal.

KRJ

*Ken Johnson, M.A.Sc., MCIP, P.Eng.
Senior Planner and Engineer, AECOM
17203 - 103 Ave., Edmonton, AB T5S 1J4
C:780.984.9085 T:780.453.0910
E:ken.johnson@aecom.com*

Editor of the NTWWA Journal www.ntwwa.com/journal.asp

From: Jean Soucy [mailto:jsoucy@fortsmith.ca]
Sent: Thursday, June 23, 2011 4:31 PM
To: Johnson, Ken
Subject: RE: Fort Smith landfill sampling well data review and recommendations

Shall I forward this response to MVLWB.. as is.

Jean

From: Johnson, Ken [mailto:Ken.Johnson@aecom.com]
Sent: June-22-11 4:39 PM
To: Jean Soucy
Cc: Lanteigne, Michel
Subject: FW: Fort Smith landfill sampling well data review and recommendations

Jean – I queried the author of the landfill sampling review, and he clarified the future monitoring recommendations.

“future monitoring only include BH-02, BH-03, BH-06, BH-07, BH-08, BH-09, and BH-10 (7 wells only). BH-01A, BH-01B, BH-04, and BH-05 are not directly up and down-gradient of current landfill operations and the 2006-2009 analytical results did not indicate elevated parameters of concern”

“continue to measure groundwater elevations in the 11 wells to have data from consistent locations to create groundwater contours”

KRJ

*Ken Johnson, M.A.Sc., MCIP, P.Eng.
Senior Planner and Engineer, AECOM
17203 - 103 Ave., Edmonton, AB T5S 1J4
C:780.984.9085 T:780.453.0910
E:ken.johnson@aecom.com*

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From: Rendra, Septa
Sent: Wednesday, June 22, 2011 4:29 PM
To: Johnson, Ken
Subject: RE: Fort Smith landfill sampling well data review and recommendations

Quote from subsection 5.2 recommendation: bullet

Bullet #1 :

“Continue to measure groundwater elevations in the 11 wells to have data from consistent locations to create groundwater contours”

Bullet #10:

“The Alberta Code of Practice for Landfills only requires that one up gradient (background) monitoring well and two down-gradient (compliance) wells be required to operate a groundwater monitoring plan. To reduce the costs of laboratory analysis, it is recommended that future monitoring only include BH-02, BH-03, BH-06, BH-07, BH-08, BH-09, and BH-10. BH-01A, BH-01B, BH-04, and BH-05 are not directly up and down-gradient of current landfill operations and the 2006-2009 analytical results did not indicate elevated parameters of concern”

So, the number of well sampled is reduced from 11 to 7 for analytical purposes in the future. Green wells need to be monitored and red wells do not.

Thank you,
Septa Rendra, Ph.D., P.Eng.
Environmental Engineer
Environment
D 780.486.7906
septa.rendra@aecom.com

AECOM
17007 107th Ave. Edmonton, AB T5S 1G3
T 780.486.7000 F 780.486.7070
www.aecom.com

From: Johnson, Ken
Sent: Wednesday, June 22, 2011 3:47 PM
To: Rendra, Septa
Cc: Lanteigne, Michel
Subject: FW: Fort Smith landfill sampling well data review and recommendations

Septa – the Town of Fort Smith queried me about the opportunity to further reduce the number of wells sampled (2006 recommendation currently to reduce from 16 to 11) - please advise. Thanks.

KRJ

Ken Johnson, M.A.Sc., MCIP, P.Eng.
Senior Planner and Engineer, AECOM
17203 - 103 Ave., Edmonton, AB T5S 1J4
C:780.984.9085 T:780.453.0910
E:ken.johnson@aecom.com

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From: Johnson, Ken
Sent: Monday, May 30, 2011 4:59 PM
To: Lanteigne, Michel
Subject: FW: Fort Smith landfill sampling well data review and recommendations

Ken Johnson, M.A.Sc., MCIP, P.Eng.
Senior Planner and Engineer, AECOM
17203 - 103 Ave., Edmonton, AB T5S 1J4
C:780.984.9085 T:780.453.0910
E:ken.johnson@aecom.com

Editor of the NTWWA Journal www.ntwwa.com/journal.asp

From: Johnson, Ken
Sent: Monday, May 30, 2011 3:46 PM
To: 'Jean Soucy'
Subject: FW: Fort Smith landfill sampling well data review and recommendations

Jean – this report was sent to you several weeks ago.

KRJ

Ken Johnson, M.A.Sc., MCIP, P.Eng.
Senior Planner and Engineer, AECOM
17203 - 103 Ave., Edmonton, AB T5S 1J4
C:780.984.9085 T:780.453.0910
[E:ken.johnson@aecom.com](mailto:ken.johnson@aecom.com)

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From: Rendra, Septa
Sent: Monday, May 30, 2011 3:09 PM
To: Johnson, Ken
Cc: Woollett, Gordon
Subject: RE: Fort Smith landfill sampling well data review and recommendations

Attached is the report.

Thank you,
Septa Rendra, Ph.D., P.Eng.
Environmental Engineer
Environment
D 780.486.7906
septa.rendra@aecom.com

AECOM
17007 107th Ave. Edmonton, AB T5S 1G3
T 780.486.7000 F 780.486.7070
www.aecom.com

From: Johnson, Ken
Sent: Monday, May 30, 2011 1:34 PM
To: Rendra, Septa
Cc: Woollett, Gordon
Subject: Fort Smith landfill sampling well data review and recommendations

Septa – Gord Woollett advised me that you were involved in the preparation of a report that was issued to the Town of Fort Smith regarding a review of the landfill water sampling data and recommendations on the future sampling.

Could you please send me a copy of that report.

KRJ

Ken Johnson, M.A.Sc., MCIP, P.Eng.
Senior Planner and Engineer, AECOM
17203 - 103 Ave., Edmonton, AB T5S 1J4
C:780.984.9085 T:780.453.0910
[E:ken.johnson@aecom.com](mailto:ken.johnson@aecom.com)

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