From: Brown, Ben (Prince George) **Sent:** Thursday, April 04, 2013 8:39 AM

To: Wiebe, Laura

CC: Ostritchenko, Dmitri

Subject: RE: MPMC 2013 CMM

Attachments: 2012.A.05_lw BB.dwg; 2012.A.06_lw BB.dwg; 2013.04 BB.dwg;

EstimatedFillVolumes.dwg

Hi Laura,

Here is the completed table for the Estimated Fill Volumes, rounded to the nearest 100 m³:

	ESTIMATED FILL VOLUMES (m ³)			
SECTION	Zone C	Zone T	Zone F	Zone S
Main Embankment	83000	9000	9000	30000
Perimeter Embankment	189300	16700	16700	55600
South Embankment	137100	9300	9300	34600
Total	409400	35000	35000	120200

I've also attached the drawings that I modified/used. I've spent approximately 4 hrs on this task.

Thanks,

Ben Brown, AScT Lead GIS/Engineering Design Technologist AMEC

Environment & Infrastructure 3456 Opie Crescent Prince George, BC V2N 2P9 (250) 564-3243 ben.brown@amec.com

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From: Wiebe, Laura
Sent: April-04-13 7:58 AM
To: Ostritchenko, Dmitri
Cc: Brown, Ben (Prince George)

Cc: Brown, Ben (Prince George) **Subject:** RE: MPMC 2013 CMM

Hey Dmitri,

Below are the project details for the 2013 MPMC work.

Ben, Dmitri told me he's asked you complete the material quantity estimate (El. 965-970m)? I would guess that it should only take you about an hour or so? You can charge your time to *Phase 300*, as shown below. Please let me know mid-morning if you can't complete the work by noon. Otherwise I will have our drafter do it. (I just really want to have a draft report to the client by noon) Also, please let me know which drawings you worked off of to obtain the quantities or send me a copy of them.

Let me know if you guys have any questions. Thanks!!

Laura

VM00560C	Phase 100	Project Management
	200	Ongoing Engineering Support
	300	2013 CM Manual
	400	2013 Construction Monitoring
	500	Engineering Site Visits
	600	Material Testing

Laura Wiebe, P.Eng. Geotechnical Engineer

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From: Ostritchenko, Dmitri **Sent:** April-03-13 3:27 PM

To: Wiebe, Laura

Subject: RE: MPMC 2013 CMM

As Ben did the calculations for me last year and the year before i have asked him o do it for me again. It was going to be completed by the end of the day today, but an urgent thing came up apparently so i have asked him to get those calculations done by early tomorrow. If you do not hear anything about the to lunch time let me know, i will try to deal with that then.

Also i inferred that the although the filter and transition zones are reducing from 1.8 to 1.5 the downstream zone C profile is still staying where it is. Aka it's actually growing by 0.6 m

Let me know if there is anything else but as i said earlier i have pssp training but i will check my emails during the breaks...

later

Dmitri Ostritchenko, EIT Geological Engineer AMEC Environment & Infrastructure Phone: (250) 564-3243 Cell: (250) 612-9867

From: Wiebe, Laura
Sent: April-02-13 8:41 PM
To: Ostritchenko, Dmitri

Subject: RE: MPMC 2013 CMM

Hey DO,

I'm going through your comments but won't be able to finish up a draft until Thursday. (I'm in the PM training tomorrow) So, I was wondering if you could figure out the material quantity estimates for the raise 965-970m that we're including in the manual? You can access the 970 design drawings on our network (VM00560/Drawings/Stage 9) to get the estimates. Note that the filter and transition widths will be changed to 1.5m, NOT 1.8m.

I'll try to figure out the rest of the issues on Thursday so I can get Luke the draft. Hopefully you'll be around then to discuss?? (I really hate that they aren't on site on Friday, it really messes with my deliverables!!)

Let me know, thanks.

Laura

Laura Wiebe, P.Eng. Geotechnical Engineer

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From: Ostritchenko, Dmitri **Sent:** April-01-13 5:18 PM

To: Wiebe, Laura

Subject: RE: MPMC 2013 CMM

You sure don't give me too much time to review things © No worries i did my best to read through it quickly... and made a few comments... hopefully did not forget anything... see attached.

I will be in the field tomorrow, but if you need get hold of me call the cell,

later

Dmitri Ostritchenko, EIT

Geological Engineer

AMEC Environment & Infrastructure

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From: Wiebe, Laura Sent: April-01-13 4:05 PM To: Ostritchenko, Dmitri Subject: MPMC 2013 CMM

Hey Dmitri,

Please had a read-through of the 2013 Construction Monitoring Manual. Let me know if you have any comments.

If you could send any comments through by tomorrow that would be great.

Thanks!

Laura

Laura Wiebe, P.Eng. Geotechnical Engineer

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