

Popowich, Tracy CSNR:EX

To: brentiers@faris.com
Subject: 1851 -1855 Kirschner Road records.

Hi Brent,

In response to your facsimile request dated August 4, 2011, I can provide the following information. The information below would be considered routinely available and doesn't request a formal FOI request to release to you. Therefore, I have not initiated our FOI process. Should you find that the information I have provided below does not satisfy your needs, please let me know and we can initiate a formal FOI request for you.

1. The Ministry has not received any information related to the cause or nature of the fire at the Stewart Centre on Kirschner Road.
2. We were provided a printout of the Univar Inventory listing the various products and volumes stored at the time of the fire. There were about 500 products on this list so I'm not sure how helpful this would be. As this is a Univar record, it would be best to obtain it directly from them. I would need to check with them about releasing it, let me know if you require this list and can't obtain it from Univar. Further, the runoff analytical results that I will speak about below are probably more useful as a reference for the nature of the chemicals that were discharged as a result of this fire.
3. The environmental assessment of these properties has been lead by a Contaminated Sites Qualified Professional (I believe it is Robin Jones with SLR Consulting). Information contained in the appended emails is the total sum of the information I have regarding this site assessment. As SLR is working for Whitworth Holdings, they should be able to provide any and all environmental assessment reports. Our office has had minimal involvement with the site assessment. It has been restricted to information provided by SLR and discussion of the contaminated sites process. I have included the emails pertaining to this issue.



RE: Stewart centre RE: Preliminary Stewart Centre. Stewart Centre
fire - Upda... Results for St...

4. There may have been additional Ministry involvement that I'm not aware of. Administration of the Contaminated Sites Regulation rests with staff from our Land Remediation Unit located in Vancouver or Victoria. Again SLR should be able to provide this information to Whitworth Holdings. If needed I can check with the Land Remediation Unit to determine if there has been any involvement from their office.
5. There is a large amount of analytical results for various locations through a wide time period. The results I have pertain to the off-site impacts (Mill Creek and Okanagan Lake). The only data I have regarding the Stewart Centre site is the information provided by the appended emails from SLR. For your reference, I have provided results of sampling I conducted August 1, 2009 (the afternoon following the fire). They provide an representative list of contaminants found in the runoff. The sample locations were the storm sewer outlet at Lindhal Avenue (REG1), Mill Creek at the outlet into Okanagan Lake (REG3) and Okanagan Lake below the Hwy 97 Bridge (REG2).



B065663-R2010-0B065663-R2010-0
8-06_12-07-03_R..8-06_12-07-03_R...

6.

Rick Wagner, P.Chem.

Environmental Emergency Response Officer
Ministry of Environment
Interior Region
1259 Dalhousie Drive
Kamloops BC V2C 5Z5
Phone: (250) 371-6220
Cell: (250) 851-6410
Fax: (250) 828-4000
email: Rick.Wagner@gov.bc.ca



Think about the environment before printing

Popowich, Tracy CSNR:EX

From: Wagner, Rick S ENV:EX
Sent: Thursday, January 20, 2011 10:35 AM
To: 'Robin Jones'
Cc: 'Jim Cookson'; 'Donna Bisaro'
Subject: RE: Stewart centre fire - Update on assessment.

Your plan looks good to me, I agree that it is probably better to move on with containment/collection measures than to delay it for little value.

Thanks for the update,

Rick Wagner

Environmental Emergency Response Officer
Ministry of Environment
Thompson and Okanagan Regions
1259 Dalhousie Drive
Kamloops BC V2C 5Z5
Phone: (250) 371-6220
Cell: (250) 851-6410
Fax: (250) 828-4000
email: Rick.Wagner@gov.bc.ca



Think about the environment before printing

From: Robin Jones [<mailto:rjones@slrconsulting.com>]
Sent: Friday, January 14, 2011 1:10 PM
To: Wagner, Rick S ENV:EX
Cc: Jim Cookson; Donna Bisaro
Subject: Stewart centre fire - Update on assessment.

Rick:

We have completed our preliminary assessment of the contamination identified as a result of the fire suppression activities at the Stewart Centre in Kelowna BC. As you can see from the drawing and data provided the groundwater plume appears to extend beyond BH14 and BH15 located on City of Kelowna Property. The proper notifications are being submitted.

We are currently proposing to install a groundwater capture system on the Whitworth Holdings property. The capture system will consist of a trench or a series of wells. We are currently working out the treatment system details.

While the plume has not been entirely delineated we feel that it is in everyone's best interest to move forward with the remediation at this point. The bulk of the mass of the contamination has been delineated and a still remains on site. Our calculations indicate that the groundwater flow in the area is relatively swift and additional delineation prior to the installation of a system would only serve to allow more of the contaminants to migrate off-site. The installation of the system at this point in the assessment seem prudent to preventing any further potential environmental impairment of the creek.

Can you please let me know if you have any issues with our proposed course of action.

Robin Jones, M.A.Sc., M.B.A., P.Eng
Senior Technical Manager
SLR Consulting (Canada) Ltd.

Address: 200-1475 Ellis Street, Kelowna, BC. V1Y 2A3

Direct Telephone: (250) 762-7202

Mobile: (250) 718-3306

Facsimile: (250) 763-7303

Email: rjones@slrconsulting.com

Website: www.slrconsulting.com

=====

Confidentiality Notice:

This email and any files transmitted with it are confidential and may be privileged. It is intended solely for the use of the individual or the entity to whom it is addressed. If you are not the named addressee or have received this in error, please contact the sender and delete the material immediately. Any unauthorised disclosure or copying is strictly prohibited. Emails and any information transmitted thereunder may be intercepted, corrupted or delayed. As a result, SLR does not accept any responsibility for any errors or omissions howsoever caused. Whilst all reasonable endeavours are taken by SLR to screen all emails for known viruses, SLR cannot guarantee that any transmission will be virus free.

Popowich, Tracy CSNR:EX

From: Robin Jones [rjones@slrconsulting.com]
Sent: Tuesday, October 26, 2010 1:21 PM
To: Wagner, Rick S ENV:EX
Cc: Corey Davis; Donna Bisaro; Erica Milligan
Subject: RE: Preliminary Results for Stewart Centre

Thanks Rick. We are complying completely with the regulation. I assume that you still wish to be kept apprised of the progress.

Robin Jones, M.A.Sc., M.B.A., P.Eng
Senior Technical Manager
SLR Consulting (Canada) Ltd.

Address: 200-1475 Ellis Street, Kelowna, BC. V1Y 2A3

Direct Telephone: (250) 762-7202

Mobile: (250) 718-3306

Facsimile: (250) 763-7303

Email: rjones@slrconsulting.com

Website: www.slrconsulting.com

=====

Confidentiality Notice:

This email and any files transmitted with it are confidential and may be privileged. It is intended solely for the use of the individual or the entity to whom it is addressed. If you are not the named addressee or have received this in error, please contact the sender and delete the material immediately. Any unauthorised disclosure or copying is strictly prohibited. Emails and any information transmitted thereunder may be intercepted, corrupted or delayed. As a result, SLR does not accept any responsibility for any errors or omissions howsoever caused. Whilst all reasonable endeavours are taken by SLR to screen all emails for known viruses, SLR cannot guarantee that any transmission will be virus free.

From: Wagner, Rick S ENV:EX [mailto:Rick.Wagner@gov.bc.ca]
Sent: Tuesday, October 26, 2010 11:26 AM
To: Robin Jones
Cc: Corey Davis; Donna Bisaro; Erica Milligan
Subject: RE: Preliminary Results for Stewart Centre

I have no problem waiting for the delineation.

In reality, this work is being completed in accordance with the Contaminated Sites Regulation. The administration of that regulation is through our Land Remediation Branch and outside of my area of responsibility. I can tell you that the Initial Spill report serves as a notification of independent remediation and, as a minimum, a notice of completion will be required. If any certificates are required, you already know that process better than me.

The only other requirement of the CSR that comes to mind is notice of offsite migration. If this has occurred, please ensure that you comply with this requirement.

Cheers,

Rick Wagner

Environmental Emergency Response Officer
Ministry of Environment
Thompson and Okanagan Regions
1259 Dalhousie Drive
Kamloops BC V2C 5Z5

Phone: (250) 371-6220
Cell: (250) 851-6410
Fax: (250) 828-4000
email: Rick.Wagner@gov.bc.ca



Think about the environment before printing

From: Robin Jones [<mailto:rjones@slrconsulting.com>]
Sent: Friday, October 22, 2010 4:54 PM
To: Wagner, Rick S ENV:EX
Cc: Corey Davis; Donna Bisaro; Erica Milligan
Subject: Preliminary Results for Stewart Centre

Rick:

We have received the preliminary results from the soil and groundwater samples collected at the Stewart centre. The results indicate that boreholes 1, 3 and 4 have concentrations of pesticides/herbicides in excess of the applicable standards. In addition samples from BH 3 and 4 had hydrocarbon concentrations in excess of the applicable standards. SLR and Whitworth met this morning regarding the next steps and we have forwarded a proposal for a delineation drilling program. It is my understanding that the drilling program will proceed in early November. We can prepare a brief document summarizing the results, however it may make more sense to wait until we have finished the delineation drilling and received the sample results. Please let me know if you wish to receive the preliminary results or would prefer to wait until the delineation is complete.

Please feel free to contact me if you have any questions or concerns.

Robin Jones, M.A.Sc., M.B.A., P.Eng
Senior Technical Manager
SLR Consulting (Canada) Ltd.

Address: 200-1475 Ellis Street, Kelowna, BC. V1Y 2A3
Direct Telephone: (250) 762-7202
Mobile: (250) 718-3306
Facsimile: (250) 763-7303
Email: rjones@slrconsulting.com
Website: www.slrconsulting.com

Confidentiality Notice:

This email and any files transmitted with it are confidential and may be privileged. It is intended solely for the use of the individual or the entity to whom it is addressed. If you are not the named addressee or have received this in error, please contact the sender and delete the material immediately. Any unauthorised disclosure or copying is strictly prohibited. Emails and any information transmitted thereunder may be intercepted, corrupted or delayed. As a result, SLR does not accept any responsibility for any errors or omissions howsoever caused. Whilst all reasonable endeavours are taken by SLR to screen all emails for known viruses, SLR cannot guarantee that any transmission will be virus free.

Popowich, Tracy CSNR:EX

From: Robin Jones [rjones@slrconsulting.com]
Sent: Thursday, September 23, 2010 2:54 PM
To: Donna Bisaro; Corey Davis
Cc: Wagner, Rick S ENV:EX
Subject: Stewart Centre.
Attachments: SLR Consulting - Agreement.pdf; 219.2010.025.Stewart.Centre.Phase 2
ESA.prp.Sep.2010.pdf; stewartentre.pdf

Attached is our work plan for our preliminary assessment of the Stewart Centre. The purpose of the assessment is to determine if there were any impacts to the groundwater as a result of seepage from the water used to suppress the fire.

The "Figures" showing the location of the boreholes are the same as those Rick and I discussed previously. The drilling is currently underway and will be completed today. If there are any questions or if additional information is required please feel free to give me a call.

Thanks

Robin Jones, M.A.Sc., M.B.A., P.Eng
Senior Technical Manager
SLR Consulting (Canada) Ltd.

Address: 200-1475 Ellis Street, Kelowna, BC. V1Y 2A3
Direct Telephone: (250) 762-7202
Mobile: (250) 718-3306
Facsimile: (250) 763-7303
Email: rjones@slrconsulting.com
Website: www.slrconsulting.com

Confidentiality Notice:

This email and any files transmitted with it are confidential and may be privileged. It is intended solely for the use of the individual or the entity to whom it is addressed. If you are not the named addressee or have received this in error, please contact the sender and delete the material immediately. Any unauthorised disclosure or copying is strictly prohibited. Emails and any information transmitted thereunder may be intercepted, corrupted or delayed. As a result, SLR does not accept any responsibility for any errors or omissions howsoever caused. Whilst all reasonable endeavours are taken by SLR to screen all emails for known viruses, SLR cannot guarantee that any transmission will be virus free.

AGREEMENT FOR ENVIRONMENTAL SERVICES

SLR Consulting (Canada) Ltd. <u>Kelowna Office</u> 200 - 1475 Ellis Street Kelowna, BC	
CLIENT INFORMATION: Company Name: <u>Whitworth Holdings Ltd.</u> Contract Number: Client PO Number: Client Contact: <u>Donna Bisaro, Property Manager</u> Phone: <u>250-763-7506</u> Fax: <u>250-763-7508</u> Email: <u>donna@whitworthholdings.com</u> Address: <u>1264 Ellis Street</u> <u>Kelowna, BC, V1Y 1Z4</u> Client A/P Contact: Phone:	PROJECT INFORMATION: SLR Project Name: <u>Phase II ESA - Stewart Centre</u> SLR Project Location: <u>1855 Kirschner Rd, Kelowna, BC</u> SLR Project Number: <u>219-2010-025</u> SLR Project Manager: <u>Erica Milligan</u> Office Performing Work: <u>Kelowna</u>
SCOPE OF WORK: ☒ Services as per SLR Proposal (Dated September 1, 2010) ☐ Services as per attached Scope of Work	PROJECT DESCRIPTION: ☐ Phase I ☐ Remediation/Decommissioning ☒ Phase II ☐ Training ☐ HAZMAT ☐ Other, ☐ Audit
FEE STRUCTURE (as per attached SLR Proposal): ☒ Time & Materials Fee ☐ A Lump Sum Fee of \$ ☐ Cost Plus Fee ☐ Other, <u>Insert Other</u>	TERMS OF PAYMENT: ☒ Retainer of \$ <u>7,500</u> ☐ Payments per Item 3 of Terms & Conditions ☐ Other, <u>Insert Other</u>
AUTHORIZATION & AGREEMENT: The client identified above ("Client") hereby retains SLR Consulting (Canada) Ltd. ("SLR") to perform the services as described in the Scope of Work ("Services"), upon the attached terms and conditions (all of which are together referred to as the "Agreement") and authorizes SLR to commence and complete such services and agrees to pay the fees as set forth above in accordance with the Agreement. SLR reserves the right to conduct a credit check prior to commencing work.	
CLIENT: SIGNATURE <u></u> Name: <u>DONNA BISARO</u> Title: <u>PROPERTY MANAGER</u> Date: <u>SEPT 3/10</u>	SLR Consulting (Canada) Ltd.: SIGNATURE <u></u> Name: <u>Robin Jones</u> Date: <u>September 1, 2010</u>



September 1, 2010

Donna Bisaro, Property Manager
Whitworth Holdings Ltd.
1264 Ellis Street
Kelowna, BC, V1Y 1Z4

Our Ref: 219-2010-025

Dear Ms. Bisaro,

**RE: PROPOSAL FOR LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT
STEWART CENTRE – 1855 KIRSCHNER ROAD, KELOWNA, BC**

SLR Consulting (Canada) Ltd. (SLR) is pleased to submit this proposal for a limited Phase II Environmental Site Assessment (ESA) at the property located at 1855 Kirschner Road, Kelowna, BC (the Site). The following sections describe the proposed scope of work, estimated costs, and schedule.

PROJECT UNDERSTANDING

The limited Phase II ESA is being undertaken to investigate potential impacts to soil and/or groundwater resulting from fire suppression activities that occurred at the Site in August 2010. Herbicides, pesticides, fungicides, and fertilizers that were stored on-Site are suspected to have been washed into the storm sewer system and potentially into soil and groundwater at the Site during the fire suppression.

PROPOSED SCOPE OF WORK

SLR proposes the following scope of work for the Site.

- **Task 1 – Drilling Investigation.** SLR will drill four boreholes, which will be completed as groundwater monitoring wells to investigate soil and groundwater quality in the vicinity of the dry wells in the centre of the Site and near the storm sewer on the north side of the Site. This task includes preparation of a Site-specific health and safety plan, location of underground and aboveground utilities, hydrovaccing the upper eight feet of soil to ensure subsurface utility clearance, drilling of boreholes, collection and analysis of soil samples, and installation of groundwater monitoring wells.
- **Task 2 – Groundwater Monitoring and Sampling.** SLR will complete one groundwater monitoring and sampling event of the newly installed monitoring wells. Groundwater will be sampled for fertilizers (nitrogen, phosphorous, and potassium) and select herbicides, pesticides, and fungicides based on the potential contaminants of concern provided to SLR by the Ministry of Environment.

- **Task 3 – Reporting.** SLR will prepare a letter report detailing the results of the limited Phase II ESA.

ESTIMATED COSTS

SLR will complete the above scope of work on a time and materials basis for **\$15,000** plus HST and laboratory analysis (to be determined). The cost estimate is broken down in the following table.

Table 1
Summary of Estimated Costs

Task	Description	Estimated Costs	
		Subcontractors (including lab fees)	SLR (fees and disbursements)
Task 1	Drilling Investigation*	\$8,000	\$2,500
Task 2	Groundwater Monitoring and Sampling*	-	\$1,200
Task 3	Reporting	-	\$3,300
Subtotal:		\$8,000	\$7,000
Project Total:		\$15,000	

*Note – this estimate does not include the cost of laboratory analysis as the exact analysis will be determined after additional information is provided by the Ministry of Environment.

SCHEDULE

SLR intends to initiate task 1 upon receipt of the signed contract and retainer fee. Subject to subcontractor availability, tasks 1 and 2 could be completed within three weeks of project initiation. Task 3 will follow upon receipt of the laboratory results, with the report being completed two weeks later.

CLOSURE

We trust that this proposal is sufficient for your current requirements. If you have any other questions or concerns please feel free to contact the undersigned.

Yours sincerely
SLR Consulting Limited



Robin Jones, MASc, MBA, PEng
Senior Technical Manager

Enc. Agreement for Environmental Services

SLR

CONFIDENTIAL



CONSULTING (CANADA) LTD.

AGREEMENT FOR ENVIRONMENTAL SERVICES

SLR Consulting (Canada) Ltd.

Kelowna Office
200 – 1475 Ellis Street
Kelowna, BC

CLIENT INFORMATION:

Company Name: Whitworth Holdings Ltd.
Contract Number:
Client PO Number:
Client Contact: Donna Bisaro, Property Manager
Phone: 250-763-7506
Fax: 250-763-7508
Email: donna@whitworthholdings.com
Address: 1264 Ellis Street
Kelowna, BC, V1Y 1Z4
Client A/P Contact:
Phone:

PROJECT INFORMATION:

SLR Project Name: Phase II ESA - Stewart Centre
SLR Project Location: 1855 Kirschner Rd, Kelowna, BC
SLR Project Number: 219-2010-025
SLR Project Manager: Erica Milligan
Office Performing Work: Kelowna

PROJECT DESCRIPTION:

☐ Phase I ☐ Remediation/Decommissioning
☒ Phase II ☐ Training
☐ HAZMAT ☐ Other,
☐ Audit

SCOPE OF WORK:

☒ Services as per SLR Proposal (Dated September 1, 2010)
☐ Services as per attached Scope of Work

FEE STRUCTURE (as per attached SLR Proposal):

☒ Time & Materials Fee
☐ A Lump Sum Fee of \$
☐ Cost Plus Fee
☐ Other, Insert Other

TERMS OF PAYMENT:

☒ Retainer of \$7,500
☐ Payments per item 3 of Terms & Conditions
☐ Other, Insert Other

AUTHORIZATION & AGREEMENT: The client identified above ("Client") hereby retains SLR Consulting (Canada) Ltd. ("SLR") to perform the services as described in the Scope of Work ("Services") upon the attached terms and conditions (all of which are together referred to as the "Agreement") and authorizes SLR to commence and complete such services and agrees to pay the fees as set forth above in accordance with the Agreement. SLR reserves the right to conduct a credit check prior to commencing work.

CLIENT:

SLR Consulting (Canada) Ltd.:

SIGNATURE

SIGNATURE

Name: _____

Name: Robin Jones _____

Title: _____

Date: September 1, 2010 _____

Date: _____

TERMS AND CONDITIONS

- 1. Services and Schedule.** SLR will commence the Services as specified in the Scope of Work and will complete such Services in a diligent manner. SLR will not however be responsible for delays caused by events beyond its control.
- 2. Changes and Additional Services.** Any changes to the Scope of Work or associated fees, including any additional services to be carried out by SLR, shall require the written agreement of SLR and the Client (which may be by way of email or text message confirmation).
- 3. Payment.** Unless otherwise specified elsewhere in the Agreement, SLR will submit invoices on a monthly basis for Services performed. Client will pay invoiced amounts within 45 days from receipt of invoice. Interest shall be payable at a rate of 18% per annum on amounts not paid when due. If any amount is not paid when due, SLR may suspend Services until all delinquent amounts have been paid in full.
- 4. Taxes.** Fees payable to SLR do not include any applicable provincial, federal or local taxes on Fees, which are the responsibility of the Client.
- 5. Performance of Services.** SLR shall perform the services in accordance with generally accepted engineering and consulting standards in effect at the time the Services were performed. SLR makes no other warranty of any kind whatsoever express or implied. SLR shall conduct the Services as an independent contractor, and shall have responsibility for and control over details and means of the performance of the Services. SLR is not the agent of the Client when performing the Services unless expressly agreed to by SLR and Client in writing.
- 6. Reports.** SLR's reports present professional opinions and findings of a scientific and technical nature. While attempts may be made to relate the data and findings to applicable environmental laws and regulations, reports are not to be construed as legal opinions or as representations as to the requirements of, or compliance with, environmental laws, rules, regulations or policies of federal, provincial or local government agencies. Reports provided by SLR will be subject to SLR's standard limitations as set out in the reports. Reports become the property of Client once SLR has been paid in full but field notes, backup data, internal calculations and any intellectual property (including electronic source code) developed by SLR in connection with the Services remain the property of SLR.
- 7. Indemnification.** Subject to the limitations in Section 8, SLR will indemnify and save the Client harmless from and against all actions, causes of actions, claims and demands whatsoever made by third parties against Client due to negligent or wrongful acts or omissions of SLR in performing the Services and the Client shall indemnify and save SLR harmless from and against all action, causes of action, claims and demands whatsoever made by third parties against SLR due to negligent or wrongful acts or omissions of the Client in connection with the Services. Where negligent or wrongful acts or omissions on the part of both SLR and the Client are the subject of such a claim, each shall be entitled to contribution from the other so that they each bear their proportionate share of responsibility for such a claim. Attorney's fees and litigation expenses recoverable under this paragraph include fees and costs incurred in establishing a party's right to indemnification. Any claim brought by Client against SLR must be brought not later than one year after the date of substantial completion of the Services.
- 8. Limitation of Liability.** SLR's aggregate liability for damages arising out of services provided by SLR under this Agreement shall not, except as otherwise agreed by SLR in writing, exceed \$50,000 or the total gross billings of SLR to the Client for such services, whichever is the lesser. In no event will SLR be liable for any consequential or indirect damages suffered by the Client, including but not limited to lost profits, loss of use of property or liabilities for Client's breach of other contracts. Where the Services involve excavation or drilling wells or boreholes: (a) where Client does not provide SLR with accurate information regarding the location of underground lines, structures or other works, SLR shall not be responsible in any way for any losses or damages incurred or suffered by the Client or any third party due to or arising from any damage during the course of the Services to any such underground lines, structures or works as long as SLR uses reasonable efforts to locate such underground lines, structures or works by examining available public records and retaining third party consultants in an effort to locate such underground lines, structures or works, (b) for any well installed as part of the Services

which is to remain in place as a long term monitoring well, SLR will not be responsible for any repairs or maintenance to the well after installation that may be required due to weathering, erosion, site conditions, site activities or any other reason beyond SLR's control, and (c) SLR has no responsibility for any borehole or well after it has been decommissioned as part of the Services or otherwise. In no event will SLR be responsible or in any way liable for any losses or damages incurred or suffered by the Client or any third party arising out of or in any way related to any such well or borehole and Client shall indemnify and hold SLR harmless from any claims, damages, fines, fees, litigation or expenses arising out of or in any way related to any such well or borehole.

9. Hazardous Substances: If hazardous, toxic or dangerous wastes as defined by provincial or federal regulations (hereinafter "Wastes") are encountered at any site where the Services are being conducted and if such Wastes require handling, transportation or disposal at an off-site facility, SLR will assist by advising Client of Client's options but, although SLR may make arrangements on behalf of Client or sign manifests on behalf of Client in connection with Client's disposal of such Wastes, in no event will SLR accept title to, or take control of, any Wastes. Client shall indemnify and hold SLR harmless from any claims, damages, fines, fees, litigation or expenses, arising out of or in any way related to such Wastes, including, but not limited to, the handling, transportation and disposal of such Wastes.

10. Information Provided by Client. SLR is entitled to rely on all information furnished by or on behalf of Client and Client shall indemnify and save SLR, its directors, officers, agents and employees from any and all claims of any kind arising out of, relating to, caused by, or contributed to by any errors or omissions in the information provided by Client to SLR.

11. Access, Approvals and Permits. Client is responsible for all arrangements to enable SLR to enter public and private property as required for SLR to perform the Services. Client shall furnish such approvals and permits from any and all governmental authorities having jurisdiction over the project and such approval and consent from others as may be necessary. Client is responsible for providing SLR with all information known to Client regarding the location of any underground lines, structures or works that could be affected by the Services. SLR will not be responsible for any inadvertent damage to such underground lines, structures or works that occurs due to SLR's reliance on such information.

12. Safety. Client is responsible for providing and maintaining a safe work site for SLR and its contractors and their respective employees and agents and the public and third parties. In providing the Services, SLR will comply with laws and regulations relating to occupational health and safety which are applicable to the Services and will be responsible for the conduct of its employees, subcontractors and equipment at the work site.

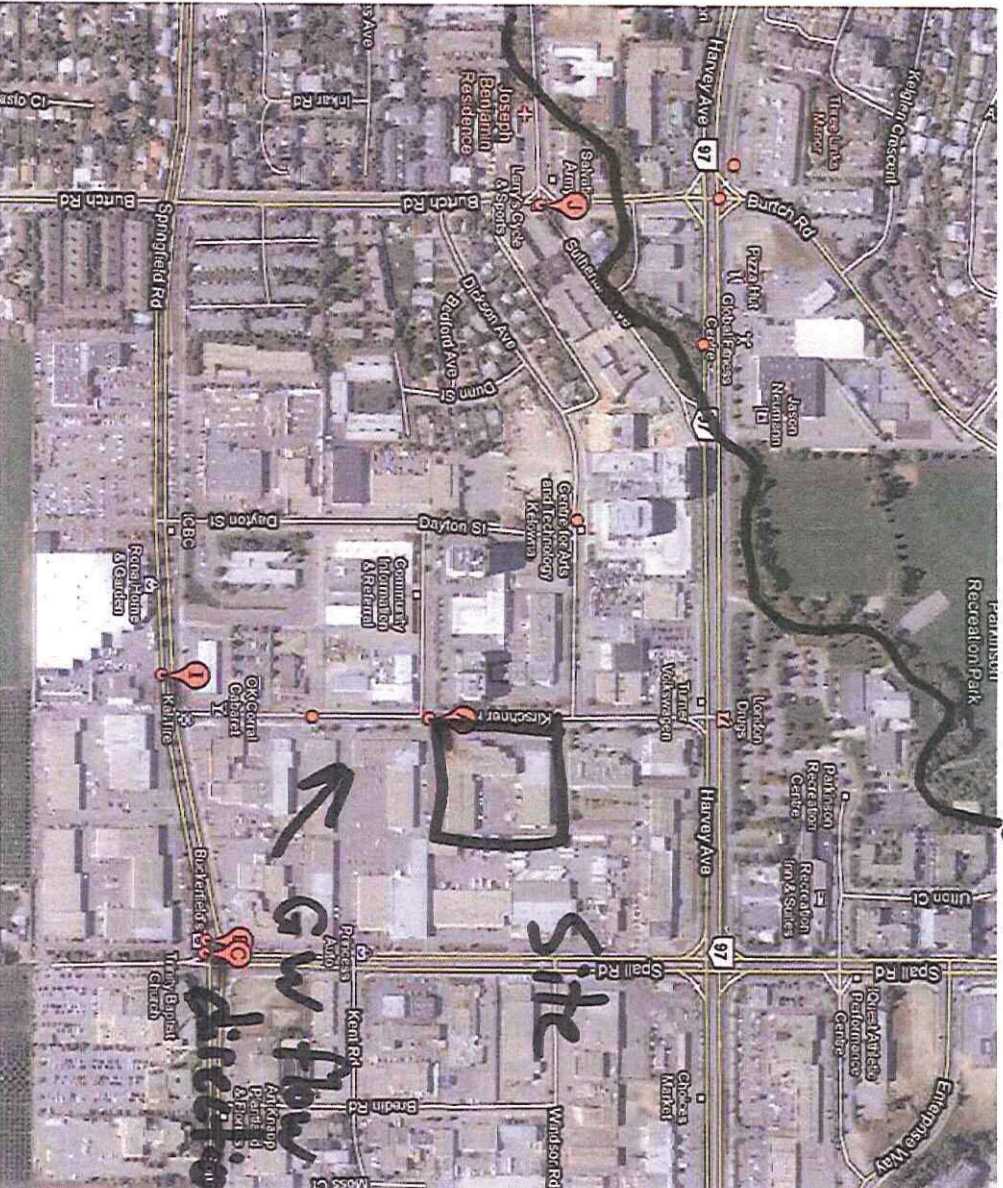
13. Assignment. SLR shall not assign this Agreement (other than accounts receivable) without the prior written consent of Client but may as it deems necessary engage third parties to perform part of the work required in connection with the Services.

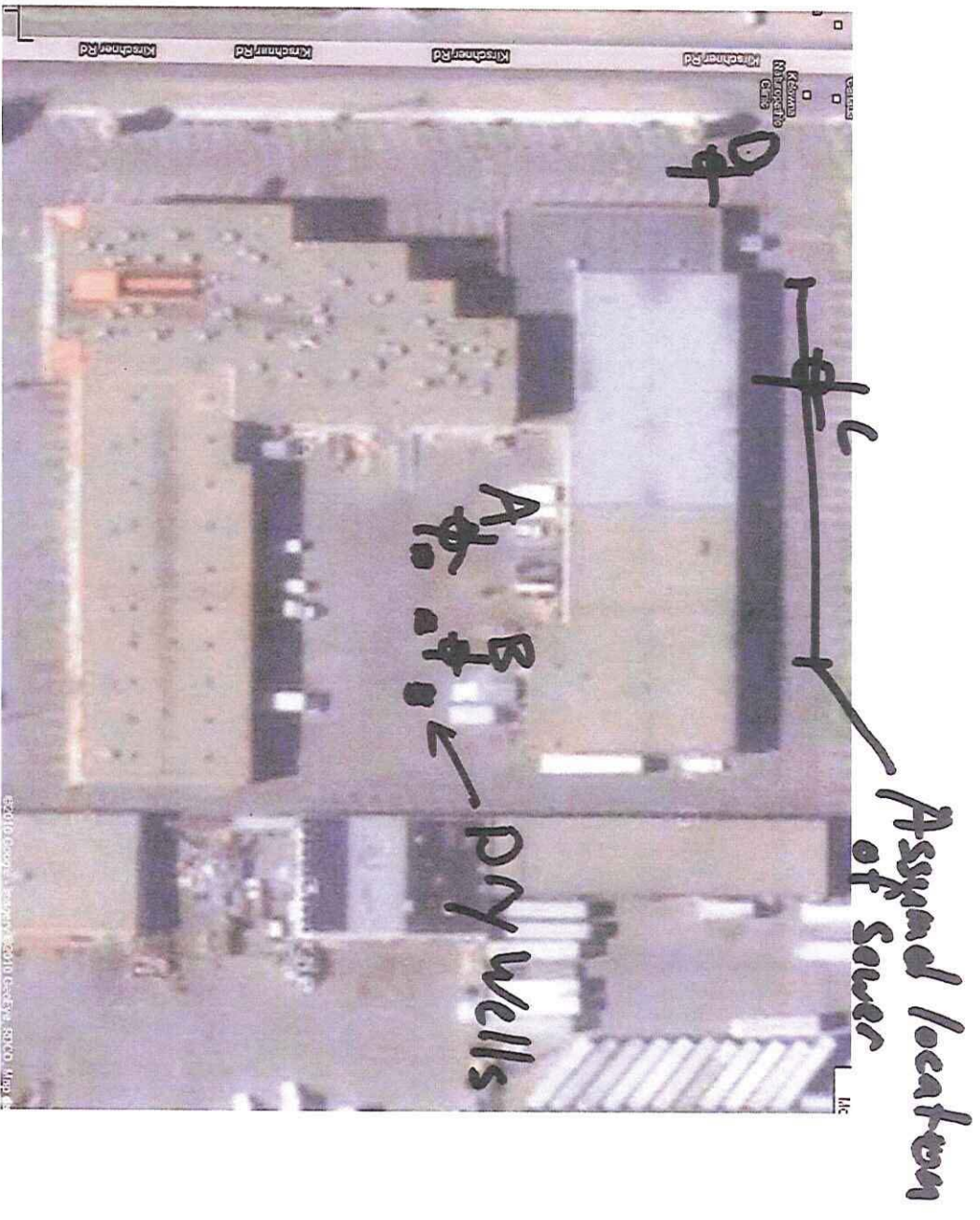
14. Termination. Either party may terminate this Agreement at any time upon seven (7) days prior written notice to the other. In such event, SLR will be compensated for Services performed up to the effective date of termination together with all costs arising out of such termination.

15. Applicable Law. This Agreement shall be construed and enforced in accordance with the laws of the province in which the Services are performed.

16. Collection Fees and Expenses. If SLR refers amounts payable to SLR under this Agreement for collection to a lawyer, an agent, or a collection agency, Client will be responsible for paying such reasonable fees that SLR may incur in the collection of such amounts.

16. General. This Agreement (and any attachments) constitute the entire agreement between Client and SLR with respect to the subject matter hereof and supersedes all prior oral and written representations and all prior communications and agreements. Terms defined on the front page that are used in these terms and conditions have corresponding meanings. This Agreement shall not be modified except by written agreement signed by both parties. If any provision of this Agreement is determined by a court to be invalid or unenforceable, the remainder of this Agreement shall remain in full force and effect.





Popowich, Tracy CSNR:EX

From: Robin Jones [rjones@slrconsulting.com]
Sent: Friday, August 20, 2010 9:41 AM
To: Wagner, Rick S ENV:EX
Subject: Stewart Centre
Attachments: stewartcentre.pdf

Rick:

Donna Bisaro, the manager of the Stewart Centre has asked me to provide a quote to test the soil and groundwater in the vicinity of the sewers and drywells in the area affected by the fire. I have attached a plan with some general information about the Site and my proposed approach.

At this point I would suggest the installation of four monitoring wells at the locations shown as A, B, C and D on the attached figure. A and B are located in the back loading area where a significant amount of water accumulated and eventually drained through the dry wells. Due to the potential for the accumulated water to contain contaminants that are related to the fire it is recommended that these wells be installed down gradient (but in the near vicinity) of the dry wells. Wells C and D are to be installed downgradient and in the vicinity of the catch basins and sewer pipe located along the north property line as it is suspected that the contaminated water may have entered Mill Creek via this catch basin and sewer line.

It is my opinion that the results of the 4 monitoring wells will provide sufficient information to determine whether additional investigation is warranted or not.

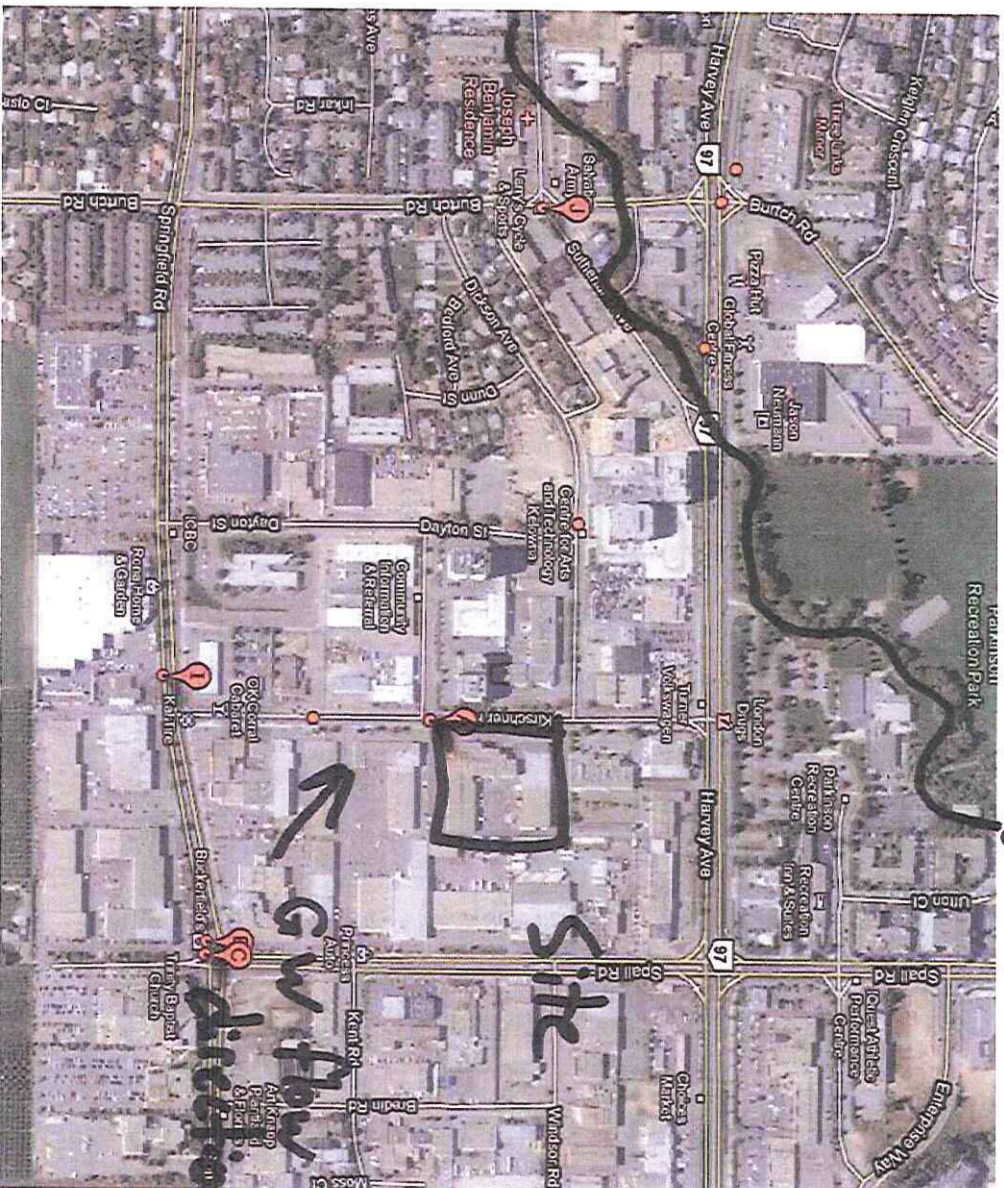
Could you please let me know if the above proposed scope of work is consistent with what you feel should be completed at the Site. Feel free to give me a call to discuss.

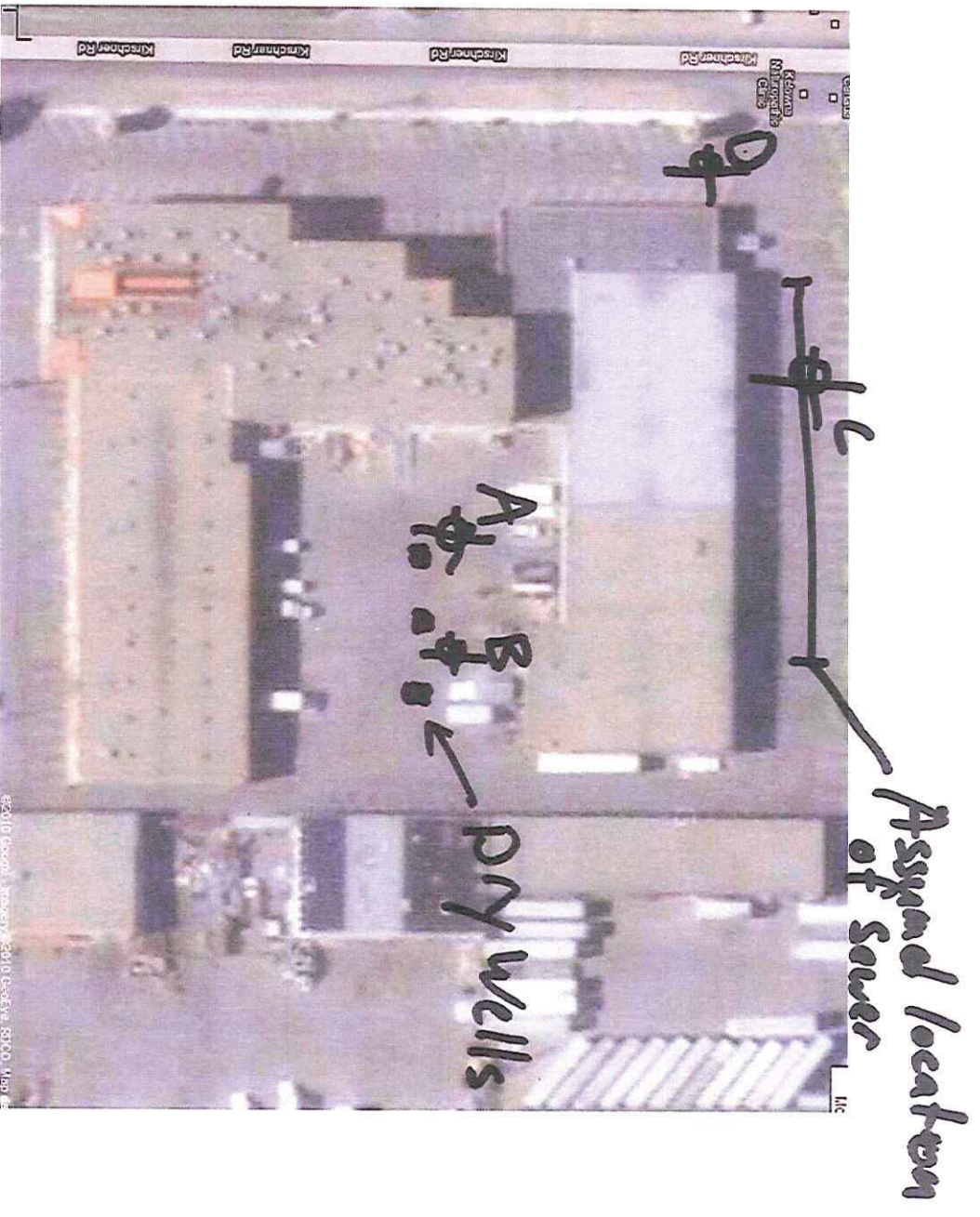
Robin Jones, M.A.Sc., M.B.A., P.Eng
Senior Technical Manager
SLR Consulting (Canada) Ltd.

Address: 200-1475 Ellis Street, Kelowna, BC. V1Y 2A3
Direct Telephone: (250) 762-7202
Mobile: (250) 718-3306
Facsimile: (250) 763-7303
Email: rjones@slrconsulting.com
Website: www.slrconsulting.com

Confidentiality Notice:

This email and any files transmitted with it are confidential and may be privileged. It is intended solely for the use of the individual or the entity to whom it is addressed. If you are not the named addressee or have received this in error, please contact the sender and delete the material immediately. Any unauthorised disclosure or copying is strictly prohibited. Emails and any information transmitted thereunder may be intercepted, corrupted or delayed. As a result, SLR does not accept any responsibility for any errors or omissions howsoever caused. Whilst all reasonable endeavours are taken by SLR to screen all emails for known viruses, SLR cannot guarantee that any transmission will be virus free.





Your Project #: B065663
Your C.O.C. #: na

Attention: Cyndy Wilkinson

Maxxam Analytics
4606 Canada Way
Burnaby, BC
V5G 1K5

Report Date: 2010/08/06

This report supersedes all previous reports with the same Maxxam job number

CERTIFICATE OF ANALYSIS**MAXXAM JOB #: B0A4110****Received: 2010/08/04, 10:40**

Sample Matrix: Water
Samples Received: 3

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Glyphosate	3	2010/08/05	2010/08/06	CAM SOP-00305	HPLC/FLD

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
* Results relate only to the items tested.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

ANTONELLA BRASIL, Project Manager
Email: Abrasil@maxxamanalytics.com
Phone# (905) 817-5817

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Total cover pages: 1

Page 1 of 5

Maxxam Job #: B0A4110
Report Date: 2010/08/06

Maxxam Analytics
Client Project #: B065663

PESTICIDES & HERBICIDES BY HPLC (WATER)

Maxxam ID		GS3473		GS3474	GS3475		
Sampling Date		2010/08/01		2010/08/01	2010/08/02		
	Units	REG/1	RDL	REG/2	REG/3	RDL	QC Batch
Pesticides & Herbicides							
Glyphosate	ug/L	67000	10000	4800	2400	1000	2226471

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Maxxam Job #: B0A4110
Report Date: 2010/08/06

Maxxam Analytics
Client Project #: B065663

GENERAL COMMENTS

Revised report: Sample ID revised as per client request.

PESTICIDES & HERBICIDES BY HPLC (WATER)

Glyphosate: Due to high concentrations of the target analytes, sample required dilution. Detection limits were adjusted accordingly.

Maxxam Job #: B0A4110
Report Date: 2010/08/06

Maxxam Analytics
Client Project #: B065663

QUALITY ASSURANCE REPORT

QC Batch	Parameter	Date	Matrix Spike		Spiked Blank		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2226471	Glyphosate	2010/08/05	94	50 - 130	106	50 - 130	<10	ug/L	NC	40

N/A = Not Applicable

RPD = Relative Percent Difference

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix to which a known amount of the analyte has been added. Used to evaluate analyte recovery.

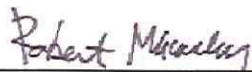
Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (RPD): The RPD was not calculated. The level of analyte detected in the parent sample and its duplicate was not sufficiently significant to permit a reliable calculation.

Validation Signature Page

Maxxam Job #: B0A4110

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



ROBERT MACAULAY, Senior Analyst

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Requisition Form # 50171102
Client Code # cf
Your C.O.C. #: 50171102

Attention: Rick Wagner
MINISTRY OF ENVIRONMENT
Waste-Thompson-Nicola (cf)
1259 DALHOUSIE DRIVE
KAMLOOPS, BC
Canada V2C 5Z5

Report Date: 2010/08/06

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B065663

Received: 2010/08/03, 08:30

Sample Matrix: Water
Samples Received: 3

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Temperature at Arrival	3	N/A	2010/08/04		
PAH in Water by GC/MS (Extended)	3	2010/08/03	2010/08/04	BRN SOP-00331 R6.0	Based on EPA 8270D
Diagnostic Pesticide Scan in Water	3	2010/08/04	2010/08/05	BRN SOP-00336 R5.0	BCM/EPA 8270D
Sampling Range	3	N/A	2010/08/04		
Glyphosate Water Subcontract 0	3	2010/08/06	2010/08/06		

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Maxxam Ontario (From Burnaby)

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

MORGAN MELNYCHUK, BBy Customer Service
Email: morgan.melnychuk@maxxamanalytics.com
Phone# (604) 638-8034

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Total cover pages: 1

Maxxam Job #: B065663
Report Date: 2010/08/06

MINISTRY OF ENVIRONMENT

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		V90739	V90740	V90741		
Sampling Date		2010/08/01 15:40	2010/08/01 15:55	2010/08/02 09:20		
COC Number		50171102	50171102	50171102		
	Units	REG/1	REG/2	REG/3	RDL	QC Batch

Field Parameters						
Sample End Date	N/A	20100801	20100801	20100801	0	4151027
Sample End Time	N/A	15:30	15:55	9:20	0	4151027
Sample Start Date	N/A	20100801	20100801	20100801	0	4151027
Sample Start Time	N/A	15:30	15:55	9:20	0	4151027
Temperature at Arrival	C	5	5	5	1	4151015
Parameter						
Subcontract Parameter	N/A	ATTACHED	ATTACHED	ATTACHED	N/A	4160638

RDL = Reportable Detection Limit

Maxxam Job #: B065663
Report Date: 2010/08/06

MINISTRY OF ENVIRONMENT

SEMIVOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		V90739		V90740		V90741		
Sampling Date		2010/08/01 15:40		2010/08/01 15:55		2010/08/02 09:20		
COC Number		501771102		501771102		501771102		
	Units	REG/1	RDL	REG/2	RDL	REG/3	RDL	QC Batch
Base Neutrals								
Diphenylamine	ug/L	<1 (f)	1	<0.1	0.1	<0.1	0.1	4151665
Pentachloronitrobenzene	ug/L	<5 (f)	5	<0.5	0.5	<0.5	0.5	4151665
Pronamide	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
Chlorobenzenes								
Hexachlorobenzene	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
FOOD GROUP PARAMETERS								
Bromophos	ug/L	<1 (f)	1	<0.1	0.1	<0.1	0.1	4151665
Chlorothalonil (Daconil)	ug/L	<10 (f)	10	<1	1	<1	1	4151665
Dichlobenil	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
Dicofol	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
Malaoxon	ug/L	<10 (f)	10	<1	1	<1	1	4151665
Phosalone	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
Parameter								
4,4'-DDE	ug/L	<0.1 (f)	0.1	<0.01	0.01	<0.01	0.01	4151665
4,4'-DDT	ug/L	<0.1 (f)	0.1	<0.01	0.01	<0.01	0.01	4151665
4,4'-methoxychlor	ug/L	<1 (f)	1	<0.1	0.1	<0.1	0.1	4151665
a-Chlordane	ug/L	<0.6 (f)	0.6	<0.06	0.06	<0.06	0.06	4151665
Azinophos methyl (Guthion)	ug/L	<10 (f)	10	<1	1	<1	1	4151665
Bromacil	ug/L	4 (f)	1	0.6	0.1	0.2	0.1	4151665
Chlorpyrifos	ug/L	102 (f)	0.1	0.15	0.01	9.84	0.01	4151665
Disulfoton (Di-Syston)	ug/L	<10 (f)	10	<1	1	<1	1	4151665
Endosulfan I	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
Endosulfan II	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
g-Chlordane	ug/L	<0.6 (f)	0.6	<0.06	0.06	<0.06	0.06	4151665
Mevinphos (Phosdrin)	ug/L	<1 (f)	1	<0.1	0.1	<0.1	0.1	4151665
Parathion methyl	ug/L	<5 (f)	5	<0.5	0.5	<0.5	0.5	4151665
Phorate (Thimet)	ug/L	<5 (f)	5	<0.5	0.5	<0.5	0.5	4151665
Stirophos	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
Organophosphorus Pest.								
Alachlor	ug/L	<5 (f)	5	<0.5	0.5	<0.5	0.5	4151665
Atrazine	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
Butylate	ug/L	<5 (f)	5	<0.5	0.5	<0.5	0.5	4151665

RDL = Reportable Detection Limit

(1) RDL raised due to sample dilution.

RDL = Reportable Detection Limit
(1) RDL raised due to sample dilution.

Maxxam Job #: B065663
Report Date: 2010/08/06

MINISTRY OF ENVIRONMENT

SEMIVOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		V90739		V90740		V90741		
Sampling Date		2010/08/01 15:40		2010/08/01 15:55		2010/08/02 09:20		
COC Number		50171102		50171102		50171102		
	Units	REG/1	RDL	REG/2	RDL	REG/3	RDL	QC Batch
Caplan	ug/L	<10 (1)	10	<1	1	<1	1	4151665
Chlorpropham	ug/L	<2 (1)	2	<0.2	0.2	<0.2	0.2	4151665
Cyanazine (Bladex)	ug/L	<5 (1)	5	<0.5	0.5	<0.5	0.5	4151665
Desethyl-atrazine	ug/L	<3 (1)	3	<0.3	0.3	<0.3	0.3	4151665
Diazinon	ug/L	1660 (1)	4	82.4 (1)	0.2	70.7	0.02	4151665
Dichloran	ug/L	<5 (1)	5	<0.5	0.5	<0.5	0.5	4151665
Dimethoate	ug/L	<5 (1)	5	<0.5	0.5	<0.5	0.5	4151665
Ethion	ug/L	<2 (1)	2	<0.2	0.2	<0.2	0.2	4151665
Fenitrothion	ug/L	<5 (1)	5	<0.5	0.5	<0.5	0.5	4151665
Fenthion	ug/L	<1 (1)	1	<0.1	0.1	<0.1	0.1	4151665
Folpet	ug/L	<10 (1)	10	<1	1	<1	1	4151665
Fonofos	ug/L	<1 (1)	1	<0.1	0.1	<0.1	0.1	4151665
Malathion	ug/L	186 (1)	100	1.4	0.5	4.0	0.5	4151665
Methidathion	ug/L	<3 (1)	3	<0.3	0.3	<0.3	0.3	4151665
Metolachlor	ug/L	324 (1)	40	20 (1)	2	11.8	0.2	4151665
Metribuzin (Sencor)	ug/L	<3 (1)	3	<0.3	0.3	<0.3	0.3	4151665
Parathion	ug/L	<5 (1)	5	<0.5	0.5	<0.5	0.5	4151665
Phosmet	ug/L	<2 (1)	2	<0.2	0.2	<0.2	0.2	4151665
Phosphamidon	ug/L	<2 (1)	2	<0.2	0.2	<0.2	0.2	4151665
Promethryn	ug/L	45 (1)	2	3.5	0.2	2.0	0.2	4151665
Propazine	ug/L	<1 (1)	1	<0.1	0.1	<0.1	0.1	4151665
Simazine	ug/L	117 (1)	5	6.9	0.5	5.1	0.5	4151665
Terbufos	ug/L	<3 (1)	3	<0.3	0.3	<0.3	0.3	4151665
Trifluralin	ug/L	64 (1)	2	1.3	0.2	7.3	0.2	4151665
Vinclozolin	ug/L	<5 (1)	5	<0.5	0.5	<0.5	0.5	4151665
Organochlorine Pesticides								
2,4'-DDT + 4,4'-DDD	ug/L	<0.1 (1)	0.1	<0.01	0.01	<0.01	0.01	4151665
a-BHC	ug/L	<1 (1)	1	<0.1	0.1	<0.1	0.1	4151665
Aldrin	ug/L	<0.2 (1)	0.2	<0.02	0.02	<0.02	0.02	4151665
Aspon	ug/L	<2 (1)	2	<0.2	0.2	<0.2	0.2	4151665
Azinphos ethyl	ug/L	<5 (1)	5	<0.5	0.5	<0.5	0.5	4151665
b-BHC	ug/L	<1 (1)	1	<0.1	0.1	<0.1	0.1	4151665
Benfluralin	ug/L	<1 (1)	1	<0.1	0.1	<0.1	0.1	4151665

RDL = Reportable Detection Limit

(1) RDL raised due to sample dilution.

RDL = Reportable Detection Limit
(1) RDL raised due to sample dilution.

Maxxam Job #: B065663
Report Date: 2010/08/06

MINISTRY OF ENVIRONMENT

SEMIVOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID	V90739	V90740	V90741	
Sampling Date	2010/08/01 15:40	2010/08/01 15:55	2010/08/02 09:20	
COC Number	50177102	50177102	50177102	
Units	REG1	REG2	REG3	RDL QC Batch
Bromophos-ethyl	ug/L <3 (f)	3 <0.3	0.3 <0.3	0.3 4151665
Carbophenothion	ug/L <3 (f)	3 <0.3	0.3 <0.3	0.3 4151665
Chlorbenside	ug/L <1 (f)	1 <0.1	0.1 <0.1	0.1 4151665
Chlorfenson(ovex)	ug/L <2 (f)	2 <0.2	0.2 <0.2	0.2 4151665
Chlorfenviphos(e/z)	ug/L <1 (f)	1 <0.1	0.1 <0.1	0.1 4151665
Chlormephos	ug/L <5 (f)	5 <0.5	0.5 <0.5	0.5 4151665
Chlorpyrifos-methyl	ug/L <1 (f)	1 <0.1	0.1 <0.1	0.1 4151665
Chlorthiophos	ug/L <3 (f)	3 <0.3	0.3 <0.3	0.3 4151665
Cyanophos	ug/L <2 (f)	2 <0.2	0.2 <0.2	0.2 4151665
Dacthal	ug/L <1 (f)	1 <0.1	0.1 <0.1	0.1 4151665
d-BHC	ug/L <1 (f)	1 <0.1	0.1 <0.1	0.1 4151665
Demeton	ug/L <10 (f)	10 <1	1 <1	1 4151665
Desmetyln	ug/L <3 (f)	3 <0.3	0.3 <0.3	0.3 4151665
Diallate(e/z)	ug/L <5 (f)	5 <0.5	0.5 <0.5	0.5 4151665
Dichlofenthion	ug/L <2 (f)	2 <0.2	0.2 <0.2	0.2 4151665
Dichlofluand	ug/L <5 (f)	5 <0.5	0.5 <0.5	0.5 4151665
Dichlorvos + Naled	ug/L <1 (f)	1 <0.1	0.1 <0.1	0.1 4151665
Dicrotophos	ug/L <5 (f)	5 <0.5	0.5 <0.5	0.5 4151665
Diethrin	ug/L <0.3 (f)	0.3 <0.03	0.03 <0.03	0.03 4151665
Dioxathion	ug/L <10 (f)	10 <1	1 <1	1 4151665
Endosulfan Sulfate	ug/L <2 (f)	2 <0.2	0.2 <0.2	0.2 4151665
Endrin	ug/L <0.2 (f)	0.2 <0.02	0.02 <0.02	0.02 4151665
Endrin Aldehyde	ug/L <5 (f)	5 <0.5	0.5 <0.5	0.5 4151665
Endrin ketone	ug/L <5 (f)	5 <0.5	0.5 <0.5	0.5 4151665
EPN	ug/L <5 (f)	5 <0.5	0.5 <0.5	0.5 4151665
Eplam	ug/L <5 (f)	5 <0.5	0.5 <0.5	0.5 4151665
Ethalfuralin	ug/L <5 (f)	5 <0.5	0.5 <0.5	0.5 4151665
Fensulfothion	ug/L <1 (f)	1 <0.1	0.1 <0.1	0.1 4151665
Hepachlor	ug/L <1 (f)	1 <0.1	0.1 <0.1	0.1 4151665
Hepachlor epoxide	ug/L <1 (f)	1 <0.1	0.1 <0.1	0.1 4151665
Hexazinone	ug/L 142 (f)	1 8.4	0.1 5.1	0.1 4151665
Iodofenphos	ug/L <1 (f)	1 <0.1	0.1 <0.1	0.1 4151665
Isofenphos	ug/L <3 (f)	3 <0.3	0.3 <0.3	0.3 4151665

RDL = Reportable Detection Limit
(1) RDL raised due to sample dilution.

SEMIVOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		V90739		V90740		V90741		
Sampling Date		2010/08/01 15:40		2010/08/01 15:55		2010/08/02 09:20		
COC Number		50171102		50171102		50171102		
	Units	REG/1	RDL	REG/2	RDL	REG/3	RDL	QC Batch
Lindane (BHC), gamma-Metaxyl	ug/L	<1 (f) 829 (f)	1 60	<0.1 15.4	0.1 0.3	<0.1 25.8	0.1 0.3	4151665 4151665
Mirex	ug/L	<3 (f)	3	<0.3	0.3	<0.3	0.3	4151665
Nitrofen	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
o,p'-DDD	ug/L	<0.1 (f)	0.1	<0.01	0.01	<0.01	0.01	4151665
o,p'-DDE	ug/L	<0.1 (f)	0.1	<0.01	0.01	<0.01	0.01	4151665
Omethoate	ug/L	<10 (f)	10	<1	1	<1	1	4151665
Permethrin	ug/L	<5 (f)	5	<0.5	0.5	<0.5	0.5	4151665
Pirimicarb	ug/L	<5 (f)	5	<0.5	0.5	<0.5	0.5	4151665
Pirimiphos-ethyl	ug/L	<5 (f)	5	<0.5	0.5	<0.5	0.5	4151665
Pirimiphos-methyl	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
Procyridone	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
Protenophos	ug/L	<5 (f)	5	<0.5	0.5	<0.5	0.5	4151665
Profluralin	ug/L	<5 (f)	5	<0.5	0.5	<0.5	0.5	4151665
Pyrazophos	ug/L	<1 (f)	1	<0.1	0.1	<0.1	0.1	4151665
Quinalophos	ug/L	<3 (f)	3	<0.3	0.3	<0.3	0.3	4151665
Ronnel	ug/L	<1 (f)	1	<0.1	0.1	<0.1	0.1	4151665
Sulfotepp	ug/L	<1 (f)	1	<0.1	0.1	<0.1	0.1	4151665
Tecnazene	ug/L	<5 (f)	5	<0.5	0.5	<0.5	0.5	4151665
Terbutylazine	ug/L	3 (f)	1	0.1	0.1	0.1	0.1	4151665
Terbutyltne	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
Tetradifon	ug/L	<2 (f)	2	<0.2	0.2	<0.2	0.2	4151665
Tolyfluand	ug/L	<5 (f)	5	<0.5	0.5	<0.5	0.5	4151665
Triadimefon	ug/L	<3 (f)	3	<0.3	0.3	<0.3	0.3	4151665
Triallate	ug/L	<3 (f)	3	<0.3	0.3	<0.3	0.3	4151665
PESTICIDE RESIDUE								
Iprodione	ug/L	29 (f)	10	<1	1	<1	1	4151665
Propiconazole	ug/L	10 (f)	5	0.6	0.5	0.5	0.5	4151665
Polycyclic Aromatics								
Naphthalene	ug/L	29	0.01	0.67	0.01	1.0	0.01	4151041
Quinoline	ug/L	2.0	0.05	0.19	0.05	0.09	0.05	4151041
2-Methylnaphthalene	ug/L	63 (f)	0.05	1.2	0.01	2.9	0.01	4151041
Acenaphthylene	ug/L	0.92	0.01	0.04	0.01	0.06	0.01	4151041

RDL = Reportable Detection Limit

(1) RDL raised due to sample dilution.

RDL = Reportable Detection Limit
(1) RDL raised due to sample dilution.

SEMIVOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID	V90739	V90740	V90741	
Sampling Date	2010/08/01 15:40	2010/08/01 15:55	2010/08/02 09:20	
COC Number	50177102	50177102	50177102	
Units	REG1	REG2	REG3	RDL GC Batch
Acenaphthene	ug/L 0.43	0.01	0.01	0.01 4151041
Fluorene	ug/L 1.6	0.01	0.04	0.01 4151041
Phenanthrene	ug/L <1 (f)	1	<0.2 (f)	0.2 4151041
Anthracene	ug/L <1 (f)	1	<0.01	0.01 <0.02 (f) 0.02 4151041
Acridine	ug/L <0.7 (f)	0.7	<0.05	0.05 <0.05 0.05 4151041
Fluoranthene	ug/L 0.11	0.01	<0.01	0.01 0.02 0.01 4151041
Pyrene	ug/L <0.1 (f)	0.1	<0.01	0.01 0.02 0.01 4151041
Benzo(c)phenanthrene	ug/L <0.02	0.02	<0.02	0.02 <0.02 0.02 4151041
Benzo(a)anthracene	ug/L <0.03 (f)	0.03	<0.01	0.01 <0.01 0.01 4151041
Chrysene	ug/L 0.02	0.01	<0.01	0.01 <0.01 0.01 4151041
Benzo(b&k)fluoranthene	ug/L <0.01	0.01	<0.01	0.01 <0.01 0.01 4151041
7,12-Dimethylbenz(a)anthracene	ug/L <0.1	0.1	<0.1	0.1 <0.1 0.1 4151041
Benzo(k)fluoranthene	ug/L <0.01	0.01	<0.01	0.01 <0.01 0.01 4151041
Benzo(a)pyrene	ug/L <0.02 (f)	0.02	<0.01	0.01 <0.01 0.01 4151041
3-Methylcholanthrene	ug/L <0.02 (f)	0.02	<0.02 (f)	0.02 <0.02 (f) 0.02 4151041
Indeno(1,2,3-cd)pyrene	ug/L <0.02	0.02	<0.02	0.02 <0.02 0.02 4151041
D benz(a,h)anthracene	ug/L <0.02	0.02	<0.02	0.02 <0.02 0.02 4151041
Benzo(g,h,i)perylene	ug/L <0.02	0.02	<0.02	0.02 <0.02 0.02 4151041
D benzo(a,h)pyrene	ug/L <0.1	0.1	<0.1	0.1 <0.1 0.1 4151041
D benzo(a,i)pyrene	ug/L <0.1	0.1	<0.1	0.1 <0.1 0.1 4151041
D benzo(a,i)pyrene	ug/L <0.1	0.1	<0.1	0.1 <0.1 0.1 4151041
Surrogate Recovery (%)				
D10-ANTHRACENE (sur.)	% 55 (f)	75	65	4151041
D12-BENZO(A)PYRENE (sur.)	% 21 (f)	60	45 (f)	4151041
D8-ACENAPHTHYLENE (sur.)	% 59	79	64	4151041
D8-NAPHTHALENE (sur.)	% 56	79	63	4151041
TERPHENYL-D14 (sur.)	% 24 (f)	67	50 (f)	4151041
2-FLUOROBIPHENYL (sur.)	% 90	95	89	4151665
D5-NITROBENZENE (sur.)	% 90	99	92	4151665
p,p'-DDE13C12 (sur.)	% 80	88	83	4151665
TERPHENYL-D14 (sur.)	% 90	93	90	4151665
Triphenyl phosphate (sur.)	% 90	97	91	4151665

RDL = Reportable Detection Limit
(1) RDL raised due to sample matrix interference.
(2) Surrogate recovery below control limit.

General Comments

Results relate only to the items tested.

MINISTRY OF ENVIRONMENT
Attention: Rick Wagner
Client Project #:
P.O. #:
Site Reference:

Quality Assurance Report

Maxxam Job Number: VB065663

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
4151041 RW4	Spiked Blank	D10-ANTHRACENE (sur.)	2010/08/04		71	%	60 - 130
		D12-BENZO(A)PYRENE (sur.)	2010/08/04		74	%	60 - 130
		D8-ACENAPHTHYLENE (sur.)	2010/08/04		64	%	50 - 130
		D8-NAPHTHALENE (sur.)	2010/08/04		61	%	50 - 130
		TERPHENYL-D14 (sur.)	2010/08/04		74	%	60 - 130
		Naphthalene	2010/08/04		59	%	50 - 130
		Quinoline	2010/08/04		97	%	50 - 130
		2-Methylnaphthalene	2010/08/04		60	%	50 - 130
		Acenaphthylene	2010/08/04		63	%	50 - 130
		Acenaphthene	2010/08/04		66	%	50 - 130
		Fluorene	2010/08/04		69	%	50 - 130
		Phenanthrene	2010/08/04		70	%	60 - 130
		Anthracene	2010/08/04		72	%	60 - 130
		Acridine	2010/08/04		66	%	50 - 130
		Fluoranthene	2010/08/04		75	%	60 - 130
		Pyrene	2010/08/04		79	%	60 - 130
		Benzo(c)phenanthrene	2010/08/04		72	%	60 - 130
		Benzo(a)anthracene	2010/08/04		69	%	60 - 130
		Chrysene	2010/08/04		73	%	60 - 130
		Benzo(b&l)fluoranthene	2010/08/04		74	%	60 - 130
		7,12-Dimethyl benz(a)anthracene	2010/08/04		76	%	60 - 130
		Benzo(k)fluoranthene	2010/08/04		77	%	60 - 130
		Benzo(a)pyrene	2010/08/04		77	%	60 - 130
		3-Methylcholanthrene	2010/08/04		67	%	60 - 130
		Indeno(1,2,3-cd)pyrene	2010/08/04		76	%	60 - 130
		Dibenz(a,h)anthracene	2010/08/04		70	%	60 - 130
		Benzo(g,h,i)perylene	2010/08/04		76	%	60 - 130
		D10-ANTHRACENE (sur.)	2010/08/04		71	%	60 - 130
		D12-BENZO(A)PYRENE (sur.)	2010/08/04		73	%	60 - 130
		D8-ACENAPHTHYLENE (sur.)	2010/08/04		68	%	50 - 130
		D8-NAPHTHALENE (sur.)	2010/08/04		66	%	50 - 130
		TERPHENYL-D14 (sur.)	2010/08/04		77	%	60 - 130
		Naphthalene	2010/08/04	0.01, RDL=0.01		ug/L	
		Quinoline	2010/08/04	<0.05		ug/L	
		2-Methylnaphthalene	2010/08/04	<0.01		ug/L	
		Acenaphthylene	2010/08/04	<0.01		ug/L	
		Acenaphthene	2010/08/04	<0.01		ug/L	
		Fluorene	2010/08/04	<0.01		ug/L	
		Phenanthrene	2010/08/04	<0.01		ug/L	
		Anthracene	2010/08/04	<0.01		ug/L	
		Acridine	2010/08/04	<0.05		ug/L	
		Fluoranthene	2010/08/04	<0.01		ug/L	
		Pyrene	2010/08/04	<0.01		ug/L	
		Benzo(c)phenanthrene	2010/08/04	<0.02		ug/L	
		Benzo(a)anthracene	2010/08/04	<0.01		ug/L	
		Chrysene	2010/08/04	<0.01		ug/L	
		Benzo(b&l)fluoranthene	2010/08/04	<0.01		ug/L	
		7,12-Dimethyl benz(a)anthracene	2010/08/04	<0.1		ug/L	
		Benzo(k)fluoranthene	2010/08/04	<0.01		ug/L	
		Benzo(a)pyrene	2010/08/04	<0.01		ug/L	
		3-Methylcholanthrene	2010/08/04	<0.01		ug/L	
		Indeno(1,2,3-cd)pyrene	2010/08/04	<0.02		ug/L	
		Dibenz(a,h)anthracene	2010/08/04	<0.02		ug/L	
		Benzo(g,h,i)perylene	2010/08/04	<0.02		ug/L	
		Dibenzo(a,h)pyrene	2010/08/04	<0.1		ug/L	

Method Blank

MINISTRY OF ENVIRONMENT
Attention: Rick Wagner
Client Project #:
P.O. #:
Site Reference:

Quality Assurance Report (Continued)

Maxxam Job Number: VB065663

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
4151041 RW4	Method Blank	Dibenzo(a,i)pyrene	2010/08/04	<0.1		ug/L	
		Dibenzo(a,j)pyrene	2010/08/04		84	%	43 - 116
4151665 RW4	Spiked Blank	2-FLUOROBIPHENYL (sur.)	2010/08/04		88	%	33 - 141
		TERPHENYL-D14 (sur.)	2010/08/04		88	%	50 - 130
		Triphenyl phosphate (sur.)	2010/08/04		94	%	35 - 114
		D5-NITROBENZENE (sur.)	2010/08/04		88	%	50 - 130
		Hexachlorobenzene	2010/08/04		83	%	50 - 130
		4,4'-methoxychlor	2010/08/04		94	%	50 - 130
		Bromacil	2010/08/04		99	%	50 - 130
		Alachlor	2010/08/04		99	%	50 - 130
		Altrazine	2010/08/04		96	%	50 - 130
		Cyanazine (Bladex)	2010/08/04		97	%	50 - 130
		Metolachlor	2010/08/04		91	%	50 - 130
		Trifluralin	2010/08/04		87	%	50 - 130
		Endrin	2010/08/04		95	%	50 - 130
		Endrin Aldehyde	2010/08/04		93	%	50 - 130
		Endrin ketone	2010/08/04		84	%	50 - 130
		Heptachlor	2010/08/04		95	%	50 - 130
		Heptachlor epoxide	2010/08/04		89	%	50 - 130
		Lindane (BHC), gamma-	2010/08/04		91	%	40 - 130
		p,p'-DDE13C12 (sur.)	2010/08/04		93	%	43 - 116
		2-FLUOROBIPHENYL (sur.)	2010/08/04		90	%	33 - 141
		TERPHENYL-D14 (sur.)	2010/08/04		92	%	50 - 130
		Triphenyl phosphate (sur.)	2010/08/04		100	%	35 - 114
		D5-NITROBENZENE (sur.)	2010/08/04	<0.1		ug/L	
		Diphenylamine	2010/08/04	<0.5		ug/L	
		Pentachloronitrobenzene	2010/08/04	<0.2		ug/L	
		Pronamide	2010/08/04	<0.2		ug/L	
		Hexachlorobenzene	2010/08/04	<0.2		ug/L	
		Bromophos	2010/08/04	<0.1		ug/L	
		Chlorothalonil (Daconil)	2010/08/04	<0.2		ug/L	
		Dicofol	2010/08/04	<0.2		ug/L	
		Malaoxon	2010/08/04	<1		ug/L	
		Phosalone	2010/08/04	<0.2		ug/L	
		4,4'-DDE	2010/08/04	<0.01		ug/L	
		4,4'-DDT	2010/08/04	<0.01		ug/L	
		4,4'-methoxychlor	2010/08/04	<0.1		ug/L	
		a-Chlordane	2010/08/04	<0.06		ug/L	
		Azinophos methyl (Guthion)	2010/08/04	<1		ug/L	
		Bromacil	2010/08/04	<0.1		ug/L	
		Chlorpyrifos	2010/08/04	<0.01		ug/L	
		Disulfoton (Di-Syston)	2010/08/04	<1		ug/L	
		Endosulfan I	2010/08/04	<0.2		ug/L	
		Endosulfan II	2010/08/04	<0.2		ug/L	
		g-Chlordane	2010/08/04	<0.06		ug/L	
		Mevinphos (Phosdrin)	2010/08/04	<0.1		ug/L	
		Parathion methyl	2010/08/04	<0.5		ug/L	
		Phorate (Thimet)	2010/08/04	<0.5		ug/L	
		Sitophos	2010/08/04	<0.2		ug/L	
		Alachlor	2010/08/04	<0.5		ug/L	
		Atrazine	2010/08/04	<0.2		ug/L	
		Butylate	2010/08/04	<0.5		ug/L	
		Captan	2010/08/04	<1		ug/L	
		Chlorpropham	2010/08/04	<0.2		ug/L	

MINISTRY OF ENVIRONMENT
Attention: Rick Wagner
Client Project #:
P.O. #:
Site Reference:

Quality Assurance Report (Continued)

Maxxam Job Number: VB065663

QA/QC Batch Num Init	QC Type Method Blank	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
4151665 RW4		Cyanazine (Bladex)	2010/08/04	<0.5		ug/L	
		Desethyl-atrazine	2010/08/04	<0.3		ug/L	
		Diazinon	2010/08/04	<0.02		ug/L	
		Dichloran	2010/08/04	<0.5		ug/L	
		Dimethoate	2010/08/04	<0.5		ug/L	
		Ethion	2010/08/04	<0.2		ug/L	
		Fenitrothion	2010/08/04	<0.5		ug/L	
		Fenthion	2010/08/04	<0.1		ug/L	
		Folpet	2010/08/04	<1		ug/L	
		Fonofos	2010/08/04	<0.1		ug/L	
		Malathion	2010/08/04	<0.5		ug/L	
		Metidathion	2010/08/04	<0.3		ug/L	
		Metolachlor	2010/08/04	<0.2		ug/L	
		Metribuzin (Sensor)	2010/08/04	<0.3		ug/L	
		Parathion	2010/08/04	<0.5		ug/L	
		Phosmet	2010/08/04	<0.2		ug/L	
		Phosphamidon	2010/08/04	<0.2		ug/L	
		Promethyn	2010/08/04	<0.2		ug/L	
		Propazine	2010/08/04	<0.1		ug/L	
		Simazine	2010/08/04	<0.5		ug/L	
		Terbufos	2010/08/04	<0.3		ug/L	
		Trifluralin	2010/08/04	<0.2		ug/L	
		Vinclozolin	2010/08/04	<0.5		ug/L	
		2,4'-DDT + 4,4'-DDD	2010/08/04	<0.01		ug/L	
		a-BHC	2010/08/04	<0.1		ug/L	
		Aldrin	2010/08/04	<0.02		ug/L	
		Aspon	2010/08/04	<0.2		ug/L	
		Azinphos ethyl	2010/08/04	<0.5		ug/L	
		b-BHC	2010/08/04	<0.1		ug/L	
		Benfluralin	2010/08/04	<0.1		ug/L	
		Bromophos-ethyl	2010/08/04	<0.3		ug/L	
		Carbophenothion	2010/08/04	<0.3		ug/L	
		Chlorbenside	2010/08/04	<0.1		ug/L	
		Chlorfenson(ovex)	2010/08/04	<0.2		ug/L	
		Chlorfenvinphos(e/z)	2010/08/04	<0.1		ug/L	
		Chlormephos	2010/08/04	<0.5		ug/L	
		Chlorpyrifos-methyl	2010/08/04	<0.1		ug/L	
		Chlorthiophos	2010/08/04	<0.3		ug/L	
		Cyanophos	2010/08/04	<0.2		ug/L	
		Dacthal	2010/08/04	<0.1		ug/L	
		d-BHC	2010/08/04	<0.1		ug/L	
		Demeton	2010/08/04	<1		ug/L	
		Desmethyn	2010/08/04	<0.3		ug/L	
		Diallate(e/z)	2010/08/04	<0.5		ug/L	
		Dichlofenthion	2010/08/04	<0.2		ug/L	
		Dichlofluanid	2010/08/04	<0.5		ug/L	
		Dichlorvos + Naled	2010/08/04	<0.1		ug/L	
		Dicrotophos	2010/08/04	<0.5		ug/L	
		Dieldrin	2010/08/04	<0.03		ug/L	
		Dioxathion	2010/08/04	<1		ug/L	
		Endosulfan Sulfate	2010/08/04	<0.2		ug/L	
		Endrin	2010/08/04	<0.02		ug/L	
		Endrin Aldehyde	2010/08/04	<0.5		ug/L	
		Endrin ketone	2010/08/04	<0.5		ug/L	
		EPN	2010/08/04	<0.5		ug/L	

MINISTRY OF ENVIRONMENT
Attention: Rick Wagner
Client Project #:
P.O. #:
Site Reference:

Quality Assurance Report (Continued)

Maxxam Job Number: VB065663

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed YYYY/MM/DD	Value	Recovery	Units	QC Limits
4151665 RW4	Method Blank	Epilam	2010/08/04	<0.5		ug/L	
		Ethalfuralin	2010/08/04	<0.5		ug/L	
		Fensulfthion	2010/08/04	<0.1		ug/L	
		Heptachlor	2010/08/04	<0.1		ug/L	
		Heptachlor epoxide	2010/08/04	<0.1		ug/L	
		Hexazinone	2010/08/04	<0.1		ug/L	
		Iodofenphos	2010/08/04	<0.1		ug/L	
		Isotenphos	2010/08/04	<0.3		ug/L	
		Lindane (BHC), gamma-Metaxyl	2010/08/04	<0.1		ug/L	
		Mirex	2010/08/04	<0.3		ug/L	
		Nitrofen	2010/08/04	<0.2		ug/L	
		o,p'-DDD	2010/08/04	<0.01		ug/L	
		o,p'-DDE	2010/08/04	<0.01		ug/L	
		Ormethoate	2010/08/04	<1		ug/L	
		Permethrin	2010/08/04	<0.5		ug/L	
		Prinmicarb	2010/08/04	<0.5		ug/L	
		Pirimiphos-ethyl	2010/08/04	<0.5		ug/L	
		Pirimiphos-methyl	2010/08/04	<0.2		ug/L	
		Procymidone	2010/08/04	<0.2		ug/L	
		Profenophos	2010/08/04	<0.5		ug/L	
		Pyfluralin	2010/08/04	<0.5		ug/L	
		Quinalophos	2010/08/04	<0.1		ug/L	
		Ronnel	2010/08/04	<0.3		ug/L	
		Sulfotepp	2010/08/04	<0.1		ug/L	
		Technazene	2010/08/04	<0.1		ug/L	
		Terbutylazine	2010/08/04	<0.5		ug/L	
		Terbutylne	2010/08/04	<0.2		ug/L	
		Tetradifon	2010/08/04	<0.2		ug/L	
		Tolyfluanid	2010/08/04	<0.5		ug/L	
		Triadimefon	2010/08/04	<0.3		ug/L	
		Triallate	2010/08/04	<0.3		ug/L	
		Iprodione	2010/08/04	<1		ug/L	
		p,p'-DDE-13C12 (sur.)	2010/08/04		89	%	
		Propiconazole	2010/08/04	<0.5		ug/L	40 - 130

Spiked Blank: A blank matrix to which a known amount of the analyte has been added. Used to evaluate analyte recovery.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

Validation Signature Page

Maxxam Job #: B065663

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



David Huang, BBY Scientific Specialist

MORGAN MELNYCHUK, BBY Customer Service



ROB REINERT, Data Validation Coordinator



TOM SHUM, BBY Scientific Specialist

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

PRODUCT-DESC-1	Active	Percentage	
2,4-D AMINE 600 2 X 10	2,4-D	47 - 51	
2,4-D AMINE 600 2X10 TN	2,4-D	47 - 51	
2,4-D ESTER 700 2X10 TN	2,4-D	88 - 94	
ACRAMITE 50WS 10X 2 X 227	Bifenazate		50
ACTARA 240SC 2 X 2.04L	thiamethoxam		21.6
ACTARA 25WG 4 X 850G	thiamethoxam		25
ADMIRE 240 8 X 1 LT	Imidacloprid		21.4
ADMIRE 240 FS 4 X 3.785	Imidacloprid		21.4
AGRAL 90 2 X 10 LT	nonionic surfactant	90 - 95	
AGRICULTURAL WEEDKILLER	Mineral Spirits	?	
AGROTAIN 2 X 9.46 LT	NBPT in solvent	20-25	
AIM 2X3.38L	Carfentrazone-ethyl	?	- not specified on MSDS
ALLETTE WDG 6 X 2.26 KG	Fosetyl-AL		80
ALLEGRO 500F 2 X 10LT	fluazinam		40
ALTACOR 8 X 454GM	Chlorantraniliprole		35
AMITROL 240 2 X 10 LT	amitrole		20
APOGEE 4 X 2.27KG	Proxexadione		27
AQUABAC 200G BIOLOGICAL	Biological	200 itu/mg	
ARSENAL 240 2 X 9.5 LT TN	Imazapyr		71
ASSAIL 70 WP 8 X 340 GM	Acetamiprid		70
ASSIST 2 X 10 LT	Petroleum Distillates		100
BANVEL II 2 X 10 LT	Dicamba	not whmis controlled	
BASAGRAN 2 X 9 LT	Bentazon	not whmis controlled	
BASAMID 98 GRAN 20 KG	Dazomet		99
BETAMIX 2 X 10 LT	Phenmedipham / Desmediphar		16
BIOPROTEC CAF 2 X 10 LT	Biological	?	
BORAX 5 MOL GRAN NEOBOR	Borax		100
BORIC ACID GRAN OPTIBOR	Borax		100
BRAVO 500 2 X 10 L	Chlorothalonil		19
BUCTRIL M 2 X 8 LT	Bromoxynil		32
CABRIO EG 4X2.27 KG	Pyraclostrobin		20
CAL CHLORIDE XTRA 83-87%		80 -83	
CAL PROPIONATE FEED			100
CALCINIT 22.7 KG			100
CALLISTO 480SC 4 X 2.4L	Mesotrione		14
CALMIX PELLETS 4 X 5 KG	Bromacil + 2,4-D		5
CALYPSO 4 (8X1 LT)	Thiacloprid		48
CARZOL S.P. 10 X 1.5 KG	Formetanate Hydrochloride		92
CAUSTIC SODA PEARLS	Caustic Soda		
CITRIC ACID ANHYD USP	Citric Acid		
COPPER OXYCHLORIDE 25	Copper	?	
COPPER OXYCHLORIDE 5 X 4	Copper		
COPPER SULPHATE SOLUBLE	copper hydroxide		97

CORAGEN (4X3.79 LT)	Chlorantraniliprole	19
CREDIT 45 2 X 10L	glyphosate	41
DECIS 8 X 1 LT	Deltamethrin	6
DELEGATE WG (6X840 GM)	Spinetoram	25
DEVINOL 50 DF 12 X 1.8	Napropamide	50
DIAZINON 50 EC 2 X 10 LT	Diazinon	50
DIAZINON 50 EC 4 X 4 LT	Diazinon	50
DIPEL 2X DF 24X500GM	Biological	54
DIPEL 2X DF 5 KG	Biological	54
DITHANE DG 20 KG	Mancozeb	75
DIUREX 80 WDG - 11.34KG	Diuron	80
DORMANT OIL (GRD) 110 LT	Mineral Oil	90
DORMANT OIL (GRD) 2 X 10	Mineral Oil	90
DORMANT OIL (GRD) 200 LT	Mineral Oil	90
DUAL II MAGNUM 1 X 12 LT	S-metolachlor	82
ECOCLEAR 2X10LT TN	Acetic Acid	Oct-30
ELEVATE 50 WDG 6 X 1 KG	Fenhexamid	50
EMBUTOX 625 2 X 10 LT	2,4-DB	85
ENDOSULFAN 50W 10 X 1 KG	endosulfan	34
ENTRUST 80 W 12 X (4 X	Spinosad	80
ENVIDOR 4 X 3 L	Spirodiclofen	22
ETHREL 2 X 10 LT	Ethephon	21
FALGRO 10 X 7.5 GM	Gibberellic Acid	20
FLINT 50WG 6 X 567 GM	Trifloxystrobin	50
FORMALDEHYDE 37 % 7% 14%	Formaldehyde	37
FORMALDEHYDE 37% 14%	Formaldehyde	
FORMIC ACID 85%	Formic Acid	85
FULFIL 50WG 6X780 GM	Pymetrozine	50
FUNGINEX DC 4 X 5 LT	Trifprine	17
GARLON RTU 13L - TN	Triclopyr	61
GARLON ULTRA 2X10LT TN	Triclopyr	61
GESAGARD 480 SC 2 X 10	Prometryn	44
GF-120 NF NATURALYTE FRUI	Naturalyte	0.02
GLYCERINE 99.5% USP		
GRAMOXONE 4 X 5 LT	Paraquat	20
GRAZON 2 X 10 LT TN	2,4-D , picloram	39
GROUND FORCE	Chlorophacinone	100
HALT 25 X 140 ML	Defoamer (Polysiloxanes)	17
HI LIGHT DYE 12X1 QT TN	Dye	need more info
HI LIGHT DYE 40 WSP TN	Dye	need more info
HYDROGEN PEROXIDE 50%	hydrogen peroxide	50
IGNITE 2 X 10 LT	Glufosinate Ammonium	18
IMIDAN 50WP INSTAPAK 10	Phosmet	70
INTREPID 240F	Methoxyfenozide	22.6

ISOPAR M-20L PAIL TN	Mineral Spirits		100
ISOPROPYL ALCOHOL 99% 16	isopropyl alcohol		99
KOCIDE 2000 10 KG	copper based		30
KUMULUS DF 25 KG	80% sulphur		80
LANCE WDG 2X2.83 KG	Boscalid	343 g/mol	
LONTREL 360 4X4.45 LT	Clopyralid		40
LOROX L 2 X 10 LT	Linuron		50
LORSBAN 15G 22.7 KG	Chlorpyrifos		18
LORSBAN 4E 2 X 10 LT	Chlorpyrifos		18
MAESTRO 80 DF 10 KG	Captan		33
MAGNESIUM SULPHATE	Magnesium Sulphate		100
MALATHION 50 EC 4 X 4 LT	Malathion		50
MATADOR 4 X 3.78 LT	cyhalothrin-lambda		13
MAXCEL	6-Benzylaminopurine		1.9
MAXIM LIQUID PSP 4 X 1L	Fludioxynil		1.25
MCPA AMINE 600 2 X 10L	MCPA		100
MECOPROP 150 2 X 10 LT	Mecoprop		90
MERGE 2X8.1LT	Non WHMIS surfactant	n/a	
METHANOL	methanol		100
METHANOL	methanol		100
MILESTONE 2 X 10 LT TN	Aminopyralid		100
MOVENTO 240 SC 8 X 2 LT	Spirotetramat		40
NOVA 40W 12 X 560 GM	Myclobutanil		22.4
NUTRA PHOS CALZINC 22.7	Nitragin / Ca, Zn		40
NUTRA PHOS MG 22.7KG	Nitragin / Mg		
NUTRA PHOS ZN-K	Nitrogen / Zn, K		
NUTRASOL 12 X 2 LB			
PARDNER 2 X 8 LT	Bromoxynil	30 - 60	
PHOSPHORIC ACID 75%	phosphoric acid		
PHOSPHORIC ACID 75% TECH			
PHOSYN - BORTRAC 150 2 X	NPk / Boron	fertilizer	
PHOSYN - CALTRAC 400 2 X	NPk / Calcium	fertilizer	
PHOSYN - HYDROMAG 2 X 10	NPk / Mg	fertilizer	
PHOSYN - HYDROPHOS 2X10	NKP Base	fertilizer	
PHOSYN - MANTRAC 500 2 X	NPk / Manganese	fertilizer	
PHOSYN - PHOZTRAC 2 X 10	NPk Base	fertilizer	
PHOSYN - SENIPHOS 2 X 10	NPk Base	fertilizer	
PHOSYN - ZINTRAC 700 2 X	NPk / Zinc	fertilizer	
POAST ULTRA 2 X 7.7 LT	Sethoxyndim	not whmis controlled	
POT SORBATE FCC/NF GRAN		not whmis controlled	
PRINCEP NINE-T 5 X 5 KG	simazine		41
PRISM 25 DF 10 X 480 GM	Rimsulfuron		25
PRISTINE FUNGICIDE 4 X	Boscalid		25
PROWL 400 2X9.5 LT	Pendalmethalin		37

QUADRIIS 250 SC 4 X 3.78	Azoxystrobin		4.6
RAYNOX APPLE SUNBURN	wax - caranuba	40 - 60	
REASON 500 SC FUNGICIDE	Fenamidone		44
REGIONE 240 2 X 10 LT	Diquat		37
RETAIN PLANT GROWTH REGUL Aminoethoxyvinylglycine			15
REVUS FUNGICIDE	Mandipropamid		23
REWARD 4 X 3.78 LT TN	Diquat		37
RIDOMIL GOLD 480 EC 10 X	Metaxyl-M		33
RIDOMIL GOLD 480SL 4 X	Metaxyl-M		33
RIDOMIL GOLD MZ 68 WP 4	Metaxal / Mancozeb		33
RIPCORD 400 EC 6 X 1 LT	Xylene		40
RIVAL 500 EC 2X9 LT	Trifluralin		47
ROUNDUP TRANSORB HC 2 X	glyphosate		
ROUNDUP WEATHERMAX	glyphosate		
ROVRAL 10 X 1 KG	Iprodione		23
SCALA	Pyrimethanil		
SCHOLAR 50WP FUNGICIDE	Fludioxynil	?	
SENATOR 70 WP 5 X 2 KG	Thiophanate-methyl	not whmis regulated	
SENATOR PSPT 10 KG	Thiophanate-methyl	not whmis regulated	
SEVIN XLR PLUS 2 X 10 LT	Carbaryl		50.4
SHPD PYRAMITE 5 X 0.6 KG		cannot find	
SIMAZINE 480 2X9,46L TN	Simazine		41.9
SINBAR 6 X 2 KG	Terbacil		80
SOD BICARBONATE USP #1			
SODA ASH 58% LIGHT			
SOLUBOR FERT 22.7 KG	Boron		
SOLU-SPRAY 10-45-10 25	NPK		
SOLU-SPRAY 20-20-20 25	NPK		
SORBA SPRAY K 2 X 9.4 LT	NPK		
SOVRAN 10 X 500 GM	Kresoxim - methyl		50
STAYPUT 2X10L TN		ukn	
SUCCESS 480 SC	Spinosad		22
SURROUND WP 12.5 KG	Kaolin (also proprietary ing)	90 % kaolin	
SWITCH FUNGICIDE 10 X	Cyprodinil / Fludioxynil		37
SYLGARD 309 4 X 4 LT TN	silicone surfactant		100
TELAR 10 X 500 G TN	Chlorsulfuron		75
THIONEX 50W	endosulfan		33.7
TOPAS 250E 6 X 2 LT	Triticonazole		100
TORDON 22K 2 X 10 LT TN	Picloram		24
TOUCHDOWN TOTAL 2 X 10L	glyphosate		36
TRAXION 2X10L	glyphosate		36
TRI-KIL TURF 2 X 10 LT	2,4-D, dicamba, mecoprop		26
TROPOTOX PLUS 2 X 10 LT	MCPB		23
TUBERSEAL 10 KG	Mancozeb		10

TURF-RITE 2 + 2 2 X	2,4-D / dicamba	18
UREA MICRO PRILLS (25KG)	Nitragin 46-0-0	
VANGARD 75WG 4 X 1.5 KG	Cyprodinil	45
VANQUISH 2 X 10 LT TN	Dicamba	56
VANTAGE 2 X 10 LT TN	glyphosate	356 g/L
VANTAGE FORESTRY 2X10 TN	glyphosate	356 g/L
VANTAGE P MAX II 20L TN	glyphosate	480 g/l
VAPAM 208 LT	metam sodium	42
VELPAR DF 8 X 2 KG	Hexazinone	75
VENTURE L 2 X 8 LT	Fluazifop-p-butyl	125 g/L
VERBENONE	Verbenone	97
VYDATE L 2 X 10 LT	Oxamyl	42
WAVEX 4 X 4 LT TN	Dye	not given
ZIRAM 10 X 2 KG	ziram	76

Supplier	MSDS
Nufarm	http://www.nufarm.ca/CA/SearchResults
Nufarm	http://www.nufarm.ca/CA/SearchResults
Nufarm	http://www.nufarm.ca/CA/SearchResults
Engage	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=5084
Syngenta	www.growercentral.com/.../actara%20240%20sc%20files.tlhort.com/msds_labels/21712-actara_25wg_ms
Syngenta	http://www.bayercropscience.ca/products/insecticides/admire/labels/
Bayer	http://www.bayercropscience.ca/products/insecticides/admire/labels/
Syngenta	www.noracconcepts.com/.../Agral/Agral%2090%20MSDS%20111907.pdf - Similar
Univar	?
Agrotain	http://www.agrotaininternational.com/agriculture/english/agrotain/agrot
Nufarm	http://www.nufarm.ca/Assets/14804/1/Aim-28573-E-0609.pdf
Bayer	www.bayercropscience.com.au/resources/uploads/ms
Syngenta	http://www.syngenta.ca/en/labels/index.asp?nav=msds
Dupont?	http://www2.dupont.com/Crop_Protection/en_CA/labels-MSDS/altacor.h
Nufarm	www.truenorthspecialty.com/.../Msds/Amitrole240%2
Engage	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=4400
BASF	www.biconet.com/biocontrol/infosheets/AQBxIMSDS .
DuPont	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?manuf=82&t=
BASF	http://www2.dupont.com/Crop_Protection/en_CA/labels-MSDS/assail.htr
Syngenta	https://agro.basf.ca/basf/agprocan/agsolutions/WebASProd.nsf/WebProd
BASF	https://agro.basf.ca/basf/agprocan/agsolutions/WebASProd.nsf/WebProd
Engage	www.certisusa.com/pdf-msds/basamid-msds.pdf
Bayer	http://www.bayercropscience.ca/products/herbicides/betamix/labels/
Rio Tinto	http://www.store.tlhort.com/p-3910-bioprotec-caf.aspx
Rio Tinto	http://www.jtbaker.com/msds/englishhtml/s3122.htm
Syngenta	http://www.jtbaker.com/msds/englishhtml/s3122.htm
Bayer	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?manuf=153&t=
Engage	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?manuf=153&t=
?	?
Syngenta	www.kegriver.com/pdfs/MSDS_Calcium_Nitrate.pdf
Nufarm	www.syngenta.ca/pdf/msds/Callisto_27833_en_msd
Bayer	www.bayercropscience.com.au/resources/uploads/ms
?	http://www.gowanco.com/ProductInfo?pid~87~Carzol%20SP.aspx
	http://www.jtbaker.com/msds/englishhtml/s4034.htm
	http://www.jtbaker.com/msds/englishhtml/c4730.htm
	www.axxousa.com/msds/msdsp/cuoxcl_p.html
	www.axxousa.com/msds/msdsp/cuoxcl_p.html
	www.espimetals.com/msds/s/coppersulfide.pdf

DuPont	http://www2.dupont.com/Crop_Protection/en_CA/labels-MSDS/coragen .
Nufarm	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?manuf=171&t=
Bayer	http://www.bayercropscience.ca/products/insecticides/decis-prairies/labe
UPI	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?manuf=153&t=
Agrium AT	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?manuf=153&t=
Agrium AT	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?manuf=153&t=
Valent	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?manuf=153&t=
Valent	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?manuf=153&t=
Dow	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?manuf=153&t=
UAP	www.truenorthspecialty.com/.../MSds/Diurex80WDG ;
Syngenta	www.pbigordon.com/pdfs/DormantOilSpray-MSDS.p
Arysta	www.pbigordon.com/pdfs/DormantOilSpray-MSDS.p
Nufarm	www.pbigordon.com/pdfs/DormantOilSpray-MSDS.p
Bayer	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Dow	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Bayer	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Bayer	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Engage	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Bayer	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Engage	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Bayer	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Syngenta	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Engage	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Dow	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Dow	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Syngenta	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Dow	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Liphtech	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Becker	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Bayer	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214
Gowan	http://www.cdms.net/LabelsMSds/LMDDefault.aspx?pd=3214

Syngenta

<http://www.cdms.net/LabelsMsd/LMDefault.aspx?pd=7862&t=www.cambellchemicals.com.au/MSDS/MSDSRayno>

Bayer

Syngenta

Valent

Syngenta

Syngenta

Syngenta

Syngenta

Symgenta

BASF

nufarm

Monsanto

Monsanto

Bayer

Bayer

www.growercentral.com/.../ripcord%20400%20ec%20http://www.nufarm.ca/CA/SearchResults
www.monsanto.ca/_pdfs/labels_msds/roundup_trans
www.monsanto.ca/_pdfs/labels_msds/roundup_trans
www.monsanto.ca/_pdfs/labels_msds/roundup_trans
www.beaerres.ca/resources/beaerres/msds_en/scale_msds_english.pdf
cannot find

Engage

Engage

Bayer

http://www.bartlett.ca/Bartlett/nmb/MSDslabel.nsf/33679510e3c80d96:
http://www.bartlett.ca/Bartlett/nmb/MSDslabel.nsf/33679510e3c80d96:
gerhardl.phpwebhosting.com/MSDS%20PDF/.../SEVI
cannot find

DuPont

<http://www.cdms.net/LabelsMsd/LMDefault.aspx?pd=7862&t=http://www.cdms.net/LabelsMsd/LMDefault.aspx?pd=7862&t=>

Rio Tinto

Yara

Yara

Yara

BASF

Engage

Dow

<http://www.cdms.net/LabelsMsds/LMDDefault.aspx?pd=7862&t=http://engageagro.com/ViewPage.aspx?pg=35#s>

Syngenta

Dow Corning

DuPont

UAP

Engage

Dow

Syngenta

Syngeta

Agrium AT

Nufarm

Engage

[www.bartlett.ca/.../MSDSLLabel.../Tropotox%20Plus%](http://www.bartlett.ca/.../MSDSLLabel.../Tropotox%20Plus%20)
www.growercentral.com/UPLOADS/.../tuberseal%20

Agrium AT	http://www.turfpro.ca/parex/product_e.php?product_ic
	http://www.jtbaker.com/msds/englishhtml/u4725.htm
Syngenta	www.nsfarrington.com/nsfarrDocs/Vanguard.pdf
Syngenta	http://www.cdms.net/LabelsMsds/LMDefault.aspx?pd=7862&t=
Dow	http://www.ivmexperts.ca/products/index.htm
Dow	http://www.ivmexperts.ca/products/index.htm
DuPont	http://www.ivmexperts.ca/products/index.htm
Vanguard	http://www.cdms.net/LabelsMsds/LMDefault.aspx?pd=7862&t=
DuPont	http://www.cdms.net/LabelsMsds/LMDefault.aspx?pd=7862&t=
Syngenta	http://www.cdms.net/LabelsMsds/LMDefault.aspx?pd=7862&t=
horizon forestry	www.syngenta.ca/pdf/labels/VENTURE_L_21209_en
DuPont	http://www.horizonforestry.com/products/Pheromones/verbenone.htm
Becker	http://www.cdms.net/LabelsMsds/LMDefault.aspx?pd=7862&t=
UAP	http://www.simplyboss.com/ax/main.asp?siteid=2&code=WXMMSDS
	http://www.cdms.net/LabelsMsds/LMDefault.aspx?pd=7862&t=

msds%2012%2007.pdf
sds.pdf

ain_msd.html?p_id=7da

sds/file7339.pdf

tml
20MSDS_Eng.PDF

pdf

ml
luctProfile/PROD-CIRD-7W5VMK?OpenDocument
luctProfile/PROD-CIRD-7W5VCN?OpenDocument
luctFinder?OpenNavigator&RN=W&LG=E

ls.pdf
292
sds/file7440.pdf

html

als/

%20MSDS_Eng.pdf

df

df

df

_0908.pdf

vw%202006.pdf

alt%20MSDS_Eng.pdf

html

SDS_Eng.pdf

l_Alcohol_(70)_feb_08.pdf

569ec004bdc94/f9357d9d4b4dcbce85256e270052e99a?OpenDocument

_24984_en_msd.pdf

IT1039RT16.pdf

=6942

english

english

.pdf

ile.aspx

luctProfile/PROD-WBAY-69WL3T?OpenDocument
luctProfile/PROD-WBAY-69WL3T?OpenDocument
_1005206022006.pdf

ix.pdf

0msds%2007%2009.pdf

sorb_msds_en.pdf

sorb_msds_en.pdf

js_en.pdf

852574a20055f364/a8b66d5169ee33ba85256bc000576401?OpenDocument

852574a20055f364/a8b66d5169ee33ba85256bc000576401?OpenDocument

N®%20BRAND%204F%20CARBARYL%20INSECTICIDE.pdf

20400%20msds%20english.pdf

abel%20(11-07).pdf

I=337

I_pamphlet.pdf

Popowich, Tracy CSNR:EX

From: Jennifer Puhallo [jpuhallo@hemmera.com]
Sent: Wednesday, August 4, 2010 12:14 PM
To: Wagner, Rick S ENV:EX; Sokal, Mike ENV:EX
Cc: Greg Quandt; Ron Finch; Christine Lussier; Marc Cameron
Subject: Final account of materials at Univar facility
Attachments: image001.jpg; image002.jpg; Copy of Kelowna Actives_Aug 1_2010.xlsx
Importance: High

Hi all,

As I mentioned in a previous email, please find attached the list of materials found in the Univar Kelowna facility. My apologies if you already have this list.

Best regards,

Jennifer

From: Sukhjot Varaiach [mailto:Sukhjot.Varaiach@univarcanada.com]
Sent: Wed 8/4/2010 12:11 PM
To: Jennifer Puhallo
Subject: Fw: The final spreadsheet

From: Mark Jasper
To: 'tom.michaluk@interiorhealth.ca'
Cc: Sukhjot Varaiach
Sent: Mon Aug 02 18:17:32 2010
Subject: FW: The final spreadsheet
The following information has been sent on behalf of Univar Canada.

Attached is the final account of materials found in the Univar Kelowna facility. Note many of these products are not flammable and therefore would not be considered as part of the smoke composition.

If you have any additional questions please cont me as I am presently on the fire scene

Regards,

Mark Jasper
National Operations Manager
QUANTUM MURRAY LP

Demolition I Emergency Response I HazMat I Remediation I Thomson Metals & Disposal I Training
10 Kenmore Ave Unit 4 • Stoney Creek, ON L8E 5N1 • Ph: 905-388-4444 • Fax: 905-643-3106 • Cel: 905-971-5117
mjasper@qmlp.ca www.quantummurray.com



"Your one and only call"

Warning: From time to time, our spam filters may eliminate legitimate email from clients. If your email contains important instructions, please ensure that we acknowledge receipt of those instructions.

The information contained in this email message is privileged and confidential information intended only for the use of the party named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us and delete the message from your system. Thank-you

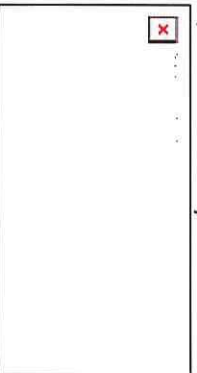
From: Sarah Urquhart
Sent: August-02-10 2:54 PM
To: Mark Jasper
Subject: The final spreadsheet

Mark,

You will find attached the final spreadsheet.
Please let me know if there is anything else you would like done.

I wasn't able to find some of the MSDSs for the fertilizers. They do include the percentages of P,K,N in their names... so this is likely not a problem.

Sarah Urquhart
Emergency Plan Coordinator
Quantum Murray LP



Demolition | Emergency Response | HazMat | Remediation | Thomson Metals & Disposal | Training
10 Kenmore Ave. Unit 4, Stoney Creek, ON L8E 5N1 • 905.388.4444 • 1.877.378.7745 • Fax: 905.643.3106 •

surquhart@qmld.ca www.qmld.com



Please consider the environment before printing this email

PRODUCT-DESC-1	Active	Percentage	Supplier	MSDS
2,4-D AMINE 600 2 X 10	2,4-D	47 - 51	Nufarm	http://www.nufarm.ca/CA/SearchResults
2,4-D AMINE 600 2X10 TN	2,4-D	47 - 51	Nufarm	http://www.nufarm.ca/CA/SearchResults
2,4-D ESTER 700 2X10 TN	2,4-D	88 - 94	Nufarm	http://www.nufarm.ca/CA/SearchResults
ACRAMITE 50WS 10X 2 X 227	Bifenazate		50 Engage	http://www.cdms.net/Labels/MSDs/LMDefault.aspx?pd=5084
ACTARA 240SC 2 X 2.04L	thiamethoxam		21.6 Syngenta	www.growercentral.com/.../actara%20240%20sc%20msds%2012%2007.pdf
ACTARA 25WG 4 X 850G	thiamethoxam		25 Syngenta	files.illhort.com/msds_labels/21712-actara_25wg_msds.pdf
ADMIRE 240 8 X 1 LT	imidacloprid		21.4 Bayer	http://www.bayercropscience.ca/products/insecticides/admire/labels/
ADMIRE 240 FS 4 X 3.785	imidacloprid		21.4 Bayer	http://www.bayercropscience.ca/products/insecticides/admire/labels/
AGRAL 90 2 X 10 LT	nonionic surfactant	90 - 95	Syngenta	www.noracconcepts.com/.../agral/Agral%2090%20MSDS%20111907.pdf - Similar
AGRICULTURAL WEEDKILLER Mineral Spirits		?	Univar	?
AGROTAIN 2 X 9.46 LT	NBPT in solvent	20-25	Agrotain	http://www.agrotaininternational.com/agriculture/english/agrotain/agrotain_msds.html?p_id=7da
AIM 2X3.38L	Carfentrazone-ethyl	? - not specified on MSDS	Nufarm	http://www.nufarm.ca/Assets/14804/1/Aim-28573-E-0609.pdf
ALIETTE WDG 6 X 2.26 KG	Fosetyl-AL		80 Bayer	www.bayercropscience.com.au/resources/uploads/msds/file7339.pdf
ALLEGRO 500F 2 X 10LT	fluzinam		40 Syngenta	http://www.syngenta.ca/en/labels/index.asp?nav=msds
ALTACOR 8 X 454GM	Chlorantraniliprole		35 Dupont?	http://www2.dupont.com/Crop_Protection/en_CA/labels-MSDS/altacor.html
AMITROL 240 2 X 10 LT	amitrole		20 Nufarm	www.truehorthispecialty.com/.../MSds/Amitrole240%20MSDS_Eng_PDF

APOGEE 4 X 2.27KG	Proxexadione	27 Engage	http://www.cdms.net/Labels/MSds/LMDefault.aspx?pd=4400	100
AQUABAC 200G BIOLOGICAL	Biological	200 itu/mg	www.biconet.com/biocontrol/infosheets/AQBxIMSDS.pdf	
ARSENAL 240 2 X 9.5 LT TN	Imazapyr	71 BASF	http://www.cdms.net/Labels/MSds/LMDefault.aspx?manuf=82&f=	
ASSAIL 70 WP 8 X 340 GM	Acetamiprid	70 DuPont	http://www2.dupont.com/Crop_Protection/en_CA/labels-MSDS/assail.html	
ASSIST 2 X 10 LT	Petroleum Distillates	100 BASF	https://agro.basf.ca/basf/agprocan/agolutions/WebASProd.nsf/WebProductProfile/PROD-CIRD-7W5VMK?OpenDocument	
BANVEL II 2 X 10 LT	Dicamba	not whmis controlled	https://agro.basf.ca/basf/agprocan/agolutions/WebASProd.nsf/WebProductProfile/PROD-CIRD-7W5VCN?OpenDocument	
BASAGRAN 2 X 9 LT	Bentazon	not whmis controlled	https://agro.basf.ca/basf/agprocan/agolutions/WebASProd.nsf/WebProductFinder?OpenNavigator&RN=W&LG=E	
BASAMID 98 GRAN 20 KG	Dazomet	99 Engage	www.certisusa.com/pdf-msds/basamid-msds.pdf	
BETAMIX 2 X 10 LT	Phenmedipham / Desmedipham	16 Bayer	http://www.bayercropscience.ca/products/herbicides/betamix/labels/	
BIOPROTEC CAF 2 X 10 LT	Biological	?	http://www.store.ihort.com/p-3910-bioprotec-caf.aspx	
BORAX 5 MOL GRAN NEOBOR Borax	Borax	100 Rio Tinto	http://www.jtbaker.com/msds/englishhtml/s3122.htm	
BORIC ACID GRAN OPTIBOR	Borax	100 Rio Tinto	http://www.jtbaker.com/msds/englishhtml/s3122.htm	
BRAVO 500 2 X 10 L	Chlorothalonil	19 Syngenta	http://www.cdms.net/Labels/MSds/LMDefault.aspx?manuf=153&f=	
BUGTRIL M 2 X 8 LT	Bromoxynil	32 Bayer	http://www.cdms.net/Labels/MSds/LMDefault.aspx?manuf=153&f=	
CABRIO EG 4X2.27 KG	Pyraclostrobin	20 Engage		
CAL CHLORIDE XTRA 83-87%		80-83	?	
CAL PROPIONATE FEED				100

Product Name	Active Ingredient	Concentration	Manufacturer	Website
MAXIM LIQUID PSP 4 X 1L	Fludioxynil	1.25 Syngenta		www.maxim-ic.com/emmi/material.../MAXIM-EMMI-MT1039RT16.pdf
MCPA AMINE 600 2 X 10L	MCPA	100 Nufarm		http://www.cdms.neb/labels/Msds/LMDefault.aspx?pd=7862&it=90
MECOPROP 150 2 X 10 LT	Mecoprop	90 Nufarm		http://www.cdms.neb/labels/Msds/LMDefault.aspx?pd=7862&it=90
MERGE 2X8, 1LT	Non WHMIS surfactant	n/a	BASF	n/a
METHANOL	methanol	100		www.methanex.com/products/documents/MSDS_USEnglish
METHANOL	methanol	100		www.methanex.com/products/documents/MSDS_USEnglish
MILESTONE 2 X 10 LT TN	Aminopyralid	40 Dow		http://www.cdms.neb/labels/Msds/LMDefault.aspx?pd=7862&it=40
MOVENTO 240 SC 8 X 2 LT	Spirotetramat	22.4 Bayer		http://www.cdms.neb/labels/Msds/LMDefault.aspx?pd=7862&it=40
NOVA 40W 12 X 560 GM	Myclobutanil	40 Dow		http://www.cdms.neb/labels/Msds/LMDefault.aspx?pd=7862&it=40
NUTRA PHOS CALZINC 22.7	Nitragin / Ca, Zn	Yara		www.yara.com
NUTRA PHOS MG 22.7KG	Nitragin / Mg	Yara		www.yara.com
NUTRA PHOS ZN-K	Nitrogen / Zn, K	Yara		www.yara.com
NUTRASOL 12 X 2 LB				www.yara.com
PARDNER 2 X 8 LT	Bromoxynil	30 - 60	Bayer	www.bayercropscience.ca/english/Lab/MSDS/294/File.aspx
PHOSPHORIC ACID 75%	phosphoric acid			http://www.jibaker.com/msds/englishhtml/p3973.htm
PHOSPHORIC ACID 75% TECH				www.yara.com
PHOSY N - BORTRAC 150 2 X	NPK / Boron	fertilizer	Yara	www.yara.com

PHOSYN - CALTRAC 400 2 X	NPK / Calcium	fertilizer	Yara	www.yara.com
PHOSYN - HYDROMAG 2 X 10	NPK / Mg	fertilizer	Yara	www.yara.com
PHOSYN - HYDROPHOS 2X10	NKP Base	fertilizer	Yara	www.yara.com
PHOSYN - MANTRAC 500 2 X	NPK / Manganese	fertilizer	Yara	www.yara.com
PHOSYN - PHOTRAC 2 X 10	NPK Base	fertilizer	Yara	www.yara.com
PHOSYN - SENIPHOS 2 X 10	NPK Base	fertilizer	Yara	www.yara.com
PHOSYN - ZINTRAC 700 2 X	NPK / Zinc	fertilizer	Yara	www.yara.com
POAST ULTRA 2 X 7.7 LT	Sethoxyndim	not whmis controlled	BASF	https://agro.basf.ca/basf/agrocan/agolutions/VebASProd.nsf/WebProductProfile/PROD-WBAY-69WL3T?OpenDocument
POT SORBATE FCC/NF GRAN		not whmis controlled		https://agro.basf.ca/basf/agrocan/agolutions/VebASProd.nsf/WebProductProfile/PROD-WBAY-69WL3T?OpenDocument
PRINCEP NINE-T 5 X 5 KG	silmazine		41 Syngenta	www.syngentaprofessionalproducts.com/.../mstds/03_1005206022006.pdf
PRISM 25 DF 10 X 480 GM	Rimsulfuron		25 DuPont	http://www.store.ihort.com/p-3537-prism-25-df.aspx
PRISTINE FUNGICIDE 4 X	Boscalid		25 BASF	http://www.cdms.net/LabelsMds/LMDefault.aspx?pd=7862&it=
PROWL 400 2X9.5 LT	Pendaimethalin		37 BASF	http://www.cdms.net/LabelsMds/LMDefault.aspx?pd=7862&it=
QUADRIIS 250 SC 4 X 3.78	Azoxystrobin		4.6 Syngenta	http://www.cdms.net/LabelsMds/LMDefault.aspx?pd=7862&it=
RAYNOX APPLE SUNBURN	wax - caranuba	40 - 60		www.campbellchemicals.com.au/MSDS/MSDSRaynox.pdf
REASON 500 SC FUNGICIDE	Fenamidone		44 Bayer	http://www.cdms.net/LabelsMds/LMDefault.aspx?pd=7862&it=
REGLONE 240 2 X 10 LT	Diquat		37 Syngenta	http://www.cdms.net/LabelsMds/LMDefault.aspx?pd=7862&it=

RETAIN PLANT GROWTH REGUL	Aminoethoxyvinylglycine	15 Valent	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=
REVUS FUNGICIDE	Mandipropamid	23 Syngenta	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=
REWARD 4 X 3.78 LT TN	Diquat	37 Syngenta	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=
RIDOMIL GOLD 480SL 4 X	Metaxy-M	33 Syngenta	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=
RIDOMIL GOLD MZ 68 WP 4	Metaxal / Mancozeb	33 Syngenta	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=
RIPCORD 400 EC 6 X 1 LT	Xylene	40 BASF	www.growercentral.com/.../rtrpcord%20400%20ec%20mnds%2007%2009.pdf
RIVAL 500 EC 2X9 LT	Trifluralin	47 nufarm	http://www.nufarm.ca/CA/SearchResults
ROUNDUP TRANSORB HC 2 X glyphosate	glyphosate	Monsanto	www.monsanto.ca/pdfs/labels_mnds/roundup_transorb_mnds_en.pdf
ROUNDUP WEATHERMAX	glyphosate	Monsanto	www.monsanto.ca/pdfs/labels_mnds/roundup_transorb_mnds_en.pdf
ROVAL 10 X 1 KG	Iprodione	23 Bayer	www.monsanto.ca/pdfs/labels_mnds/roval_rx_mnds_en.pdf
SCALA	Pyrimethanil	Bayer	www.bayeres.ca/resources/bayeres/mnds_en/scala_mnds_english.pdf
SCHOLAR 50WP FUNGICIDE	Fludioxynil	?	cannot find
SENATOR 70 WP 5 X 2 KG	Thiophanate-methyl	Engage	http://www.bartlett.ca/Bartlett/nmb/MSDSLabeL.nsf/33679510e3c80d96852574a20055f364/a8b66d5169ee33ba85256bc000576401?OpenDocument
SENATOR PSPT 10 KG	Thiophanate-methyl	Engage	http://www.bartlett.ca/Bartlett/nmb/MSDSLabeL.nsf/33679510e3c80d96852574a20055f364/a8b66d5169ee33ba85256bc000576401?OpenDocument
SEVIN XLR PLUS 2 X 10 LT	Carbaryl	50.4 Bayer	gerhardl.phwebhosting.com/MSDS%20PDF/.../SEVIN%20BRAND%204F%20CA%20INSECTICIDE.pdf

SHPD PYRAMITE 5 X 0.6 KG	cannot find	cannot find	41.9	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=	80 DuPont	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=
SIMAZINE 480 2X9.46L TN	Simazine			http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=		
SINBAR 6 X 2 KG	Terbacil		80 DuPont	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=		
SOD BICARBONATE USP #1						
SODA ASH 58% LIGHT						
SOLUBOR FERT 22.7 KG	Boron		Rio Tinto			
SOLU-SPRAY 10-45-10 25	NPK		Yara			
SOLU-SPRAY 20-20-20 25	NPK		Yara			
SORBA SPRAY K 2 X 9.4 LT	NPK		Yara			
SOVRAN 10 X 500 GM	Kresoxim - methyl		50 BASF	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=		
STAYPUT 2X10L TN	ukn	Engage	http://engageagro.com/ViewPage.aspx?pg=35#s			
SUCCESS 480 SC	Spinosad		22 Dow	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=		
SURROUND WP 12.5 KG	Kaolin (also proprietary ing)	90 % kaolin		http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=		
SWITCH FUNGICIDE 10 X	Cyprodinil / Fludioxynil		37 Syngenta	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=		
SYLGARD 309 4 X 4 LT TN	silicone surfactant		100 Dow Corning	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=		
TELAR 10 X 500 G TN	Chlorosulfuron		75 DuPont	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=		
THIONEX 50W	endosulfan		33.7 UAP	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&it=		

TOPAS 250E 6 X 2 LT	Triticonazole	100 Engage	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&t=
TORDON 22K 2 X 10 LT TN	Picloram	24 Dow	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&t=
TOUCHDOWN TOTAL 2 X 10L	glyphosate	36 Syngenta	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&t=
TRAXION 2X10L	glyphosate	36 Syngenta	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&t=
TRI-KIL TURF 2 X 10 LT	2,4-D, dicamba, mecoprop	26 Agrum AT	
TROPOTOX PLUS 2 X 10 LT	MCPB	23 Nufarm	www.bartlett.ca/.../MSDSLabeL.../Tropotox%20Plus%20400%20msds%20english.pdf
TUBERSEAL 10 KG	Mancozeb	10 Engage	www.growercentral.com/PL/PL_OADS/.../tuberseal%20label%20(11-07).pdf
TURF-RITE 2 + 2 2 X	2,4-D / dicamba	18 Agrum AT	http://www.turfpro.ca/parex/product_e.php?product_id=337
UREA MICRO PRILLS (25KG)	Nitragin 46-0-0		http://www.jtbaker.com/msds/englishhtml/u4725.htm
VANGARD 75WG 4 X 1.5 KG	Cyprodinil	45 Syngenta	www.nsfsarrington.com/nsfsarrDocs/Vanguard.pdf
VANQUISH 2 X 10 LT TN	Dicamba	56 Syngenta	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&t=
VANTAGE 2 X 10 LT TN	glyphosate	Dow	http://www.ivmexperts.ca/products/index.htm
VANTAGE FORESTRY 2X10 TN	glyphosate	Dow	http://www.ivmexperts.ca/products/index.htm
VANTAGE P MAX II 20L TN	glyphosate	Dow	http://www.ivmexperts.ca/products/index.htm
VAPAM 208 LT	metam sodium	42 Vanguard	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&t=
VELPAR DF 8 X 2 KG	Hexazinone	75 DuPont	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&t=
VENTURE L 2 X 8 LT	Fluazifop-p-butyl	125 g/L Syngenta	www.syngenta.ca/pdf/labels/VENTURE_L_21209_en_pamphlet.pdf

VERBENONE	Verbenone	97 horizon forestry	http://www.horizonforestry.com/products/Pheromones/verbenone.htm
VYDATE L 2 X 10 LT	Oxamyl	42 DuPont	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&i=
WAVEX 4 X 4 LT TN	Dye	Becker	http://www.simplifyboss.com/ax/main.asp?siteid=2&code=WXMMSDS
ZIRAM 10 X 2 KG	ziram	76 UAP	http://www.cdms.net/Labels/Msds/LMDefault.aspx?pd=7862&i=

not given