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### **Report Transmission Cover Page**



Bill To:	County of Vermilion River #24	Project:		Lot ID:	1113014
Report To:	County of Vermilion River #24	ID:	Annual Samples	Control Number:	
	Box 69	Name:		Date Received:	Dec 18, 2015
	Kitscoty, AB, Canada	Location:	Clandonald	Date Reported:	Dec 30, 2015
	T0B 2P0	LSD:		Report Number:	2070762
Attn:	Darrell Stefanick	P.O.:			
Sampled By:	Cory Cote	Acct code:			
Company:	County of Vermilion River				

Contact & Affiliation	Address	Delivery Commitments
Barb Symon	, Box 69	On [Lot Approval and Final Test Report Approval] send
County of Vermilion River #24	Kitscoty, Alberta T0B 2P0	(COC, Test Report, Invoice) by Email - Merge Reports
	Phone: (780) 846-2244	
	Fax: (780) 846-2716	
	Email: bsymon@county24.com	
Darrell Stefanick	, Box 69	On [Lot Verification] send
County of Vermilion River #24	Kitscoty, Alberta T0B 2P0	(COA) by Email - Single Report
	Phone: (780) 846-2244 Fax: (780) 846-2716	On [Report Approval] send
	Email: dstefanick@county24.com	(COC, Test Report) by Email - Merge Reports
		On [Lot Creation] send
		(COR) by Email - Single Report

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# **Analytical Report**



Bill To:	County of Vermilion River #24	Project:		Lot ID:	1113014
Report To:	County of Vermilion River #24	ID:	Annual Samples	Control Number:	
	Box 69	Name:		Date Received:	Dec 18, 2015
	Kitscoty, AB, Canada	Location:	Clandonald	Date Reported:	Dec 30, 2015
	T0B 2P0	LSD:		Report Number:	2070762
Attn:	Darrell Stefanick	P.O.:			
Sampled By:	Cory Cote	Acct code:			
Company:	County of Vermilion River				

	Reference Number Sample Date Sample Time Sample Location Sample Description	1113014-1 Dec 17, 2015 13:00 Clandonald / 13.0C			
	Matrix	Water			
Analyte	Units	Results	Results	Results	Nominal Detectior Limit
Polycyclic Aromatic Hydrocarbons - Water					
Benzo(a)pyrene	mg/L	<0.00008			0.000008
Glyphosate in Water					
Glyphosate	mg/L	<0.01			0.01
Subcontracted Analysis					
Nitrilotriacetic Acid	mg/L	<0.1			0.1
Health Canada Drinking Water - Organics					
Benzene	mg/L	<0.001			0.001
Bromodichloromethane	mg/L	0.013			0.001
Bromoform	mg/L	0.004			0.001
Carbon Tetrachloride	mg/L	<0.001			0.001
Chlorobenzene	mg/L	<0.001			0.001
Chloroform	mg/L	0.013			0.001
Dibromochloromethane	mg/L	0.014			0.001
1,2-Dichlorobenzene	mg/L	<0.001			0.001
1,4-Dichlorobenzene	mg/L	<0.001			0.001
1,2-Dichloroethane	mg/L	<0.001			0.001
1,1-Dichloroethene	mg/L	<0.001			0.001
2,4 & 2,5-Dichlorophenol	mg/L	<0.0001			0.0001
Ethylbenzene	mg/L	<0.001			0.001
Methyl t-Butyl Ether	mg/L	<0.001			0.001
Methylene Chloride	mg/L	<0.005			0.005
Pentachlorophenol	mg/L	<0.0001			0.0001
Tetrachloroethene	mg/L	<0.001			0.001
2,3,4,6-Tetrachlorophenol	mg/L	<0.0001			0.0001
Toluene	mg/L	<0.001			0.001
Total Trihalomethanes	mg/L	0.044			0.001
Total Xylenes (m,p,o)	mg/L	<0.001			0.001
Trichloroethene	mg/L	<0.001			0.001
2,4,6-Trichlorophenol	mg/L	<0.0001			0.0001
Vinyl Chloride	mg/L	<0.002			0.002
Health Canada Drinking Water - Pesticides	5				
Aldicarb	mg/L	<0.00002			0.00002
Aldrin	mg/L	<0.0001			0.0001
Dieldrin	mg/L	<0.0001			0.0001
Atrazine	mg/L	<0.0001			0.0001
Deethylatrazine	mg/L	<0.0001			0.0001

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#### **Analytical Report**



	County of Vermilion River #24 County of Vermilion River #24 Box 69 Kitscoty, AB, Canada T0B 2P0	Project: ID: Name: Location: LSD:	Annual Samples Clandonald	Lot ID: Control Number: Date Received: Date Reported: Report Number:	Dec 18, 2015 Dec 30, 2015
Attn:	Darrell Stefanick	P.O.:			2010102
Sampled By:	Cory Cote	Acct code:			
Company:	County of Vermilion River				

	Reference Number Sample Date Sample Time Sample Location Sample Description Matrix	1113014-1 Dec 17, 2015 13:00 Clandonald / 13.0C Water			
Analyte	Units	Results	Results	Results	Nominal Detection Limit
Health Canada Drinking Water - Pesticides	- Continued				Linix
Deisopropylatrazine	mg/L	<0.0001			0.0001
Didealkylatrazine	mg/L	<0.0001			0.0001
Azinphos-methyl	mg/L	<0.0005			0.0005
Bendiocarb	mg/L	<0.00002			0.00002
Bromoxynil	mg/L	<0.0001			0.0001
Carbaryl	mg/L	<0.00002			0.00002
Carbofuran	mg/L	<0.00002			0.00002
Chlorpyrifos	mg/L	<0.0005			0.0005
Cyanazine	mg/L	<0.0001			0.0001
2,4-D	mg/L	<0.0001			0.0001
Diazinon	mg/L	<0.0005			0.0005
Dicamba	mg/L	<0.0001			0.0001
Diclofop-methyl	mg/L	<0.0005			0.0005
Dimethoate	mg/L	<0.0005			0.0005
Dinoseb	mg/L	<0.0001			0.0001
Diuron	mg/L	<0.0001			0.0001
Malathion	mg/L	<0.0005			0.0005
MCPA	mg/L	<0.0001			0.0001
Methoxychlor	mg/L	<0.0001			0.0001
Metolachlor	mg/L	<0.0005			0.0005
Metribuzin	mg/L	<0.0005			0.0005
Parathion	mg/L	<0.0005			0.0005
Phorate	mg/L	<0.0005			0.0005
Picloram	mg/L	<0.0001			0.0001
Simazine	mg/L	<0.0001			0.0001
Terbufos	mg/L	<0.0005			0.0005
Triallate	mg/L	<0.0005			0.0005
Trifluralin	mg/L	<0.0005			0.0005

Kanocist. Approved by:

David Kapiczowski Senior Account Manager

Data have been validated by Analytical Quality Control and Exova's Integrated Data Validation System (IDVS). Generation and distribution of the report, and approval by the digitized signature above, are performed through a secure and controlled automatic process.

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### **Methodology and Notes**



Bill To:	County of Vermilion River #24	Project:		Lot ID:	1113014
Report To:	County of Vermilion River #24	ID:	Annual Samples	Control Number:	
	Box 69	Name:		Date Received:	Dec 18, 2015
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	T0B 2P0	LSD:		Report Number:	2070762
Attn:	Darrell Stefanick	P.O.:			
Sampled By:	Cory Cote	Acct code:			
Company:	County of Vermilion River				

### **Method of Analysis**

Method Name	Reference	Method	Date Analysis Started	Location		
HCGCMS Pesticides - Water	US EPA	<ul> <li>* OC Pesticides by Gas Chromatography, 8081B</li> </ul>	21-Dec-15	Exova Calgary		
HCGCMS Pesticides - Water	US EPA	* OP Compounds by Gas Chromatography: Capillary Column Techniq, 8141A	21-Dec-15	Exova Calgary		
HCLCMS Pesticides - Water	USGS	<ul> <li>Determination of Pesticides in Water by Graphitized Carbon-Based SPE &amp; HPLC/MS, O-2060-1</li> </ul>	21-Dec-15	Exova Calgary		
HCVOC - Water	US EPA	<ul> <li>* Volatile Organic Compounds by GCMS / Purge and Trap for Aqueous Samples, 8260B/5030B</li> </ul>	18-Dec-15	Exova Calgary		
Nitrilotriacetic acid in water	Ext. Lab	Analysis performed by external laboratory,	30-Dec-15	Saskatchewan Research Council		
PAH - Water	US EPA	<ul> <li>* Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, 8270</li> </ul>	21-Dec-15	Exova Calgary		
PCP - Water	US EPA	<ul> <li>* Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, 8270</li> </ul>	18-Dec-15	Exova Calgary		
		* Reference Method Modified				

## **Comments:**

Please direct any inquiries regarding this report to our Client Services group. Results relate only to samples as submitted. The test report shall not be reproduced except in full, without the written approval of the laboratory.

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Copy of report:     Copy of report:     Copy of report:     Sample Custody (please p.fml)       Report Results     E-mail     Online     PDF     QU/QC Report       precial Instructions/Comments (please include contact information including ph. # if firstent from above).     Include Regulatory     #       TTAT - ILgular     Requirements Balow:     #     #       Sample Identification     Location     Doptin     Date/Time sampled       Charles and the sample interval of the sampled     Matrix     Sample Identification     Include Regulatory       Charles and the sample interval information including ph. # if     Include Regulatory     #     #       TTAT - ILgular     Barling Castody (please include contact information including ph. # if     Include Regulatory       Sample Identification     Location     Doptin     Date/Time sampled     Matrix       Sample Identification     Location     Date/Time sampled     Matrix     Matrix       Sample Identification     Location     Date/Time samples     Matrix     Matrix       Sample Identifi								asteranicing	Journgana									Signature	
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Environmental Sample Information Sheet       Inr       Shipping:       # and size of coolers received:         Note: Proper completion of this form is required in order to proceed with analysis       Inr       Lot: 1113014 COC       COD Y/N       COD Y/N         Please indicate any potentially hazardous samples       Inr       Lot: 1113014 COC       Color temp:       Delivery Method:         Your Difference       Control # B040216       Inr       Inr       Inr       Inr	14										- 1974) - 1974	1		1993) 1993)					
Please indicate any potentially hazardous samples Control # B040216	or sease staan day			\$557777723		adama to the state			In Lot: 1	 113014	coc	2		17.14			-	# and size of coolers	received:
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