

Appendix B

Chemical Data Tables

03-043 Haines - Fairbanks Pipeline Herbicide Residue Survey
Method 8290 - Dioxins
Aug/Sep/Oct 2003

LOCATION OF SAMPLE:	SU1	SU2	SU3
DATE OF SAMPLE:	8/31/2003	8/30/2003	8/30/2003
TYPE OF SAMPLE:	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	03SO	01SO	02SO
TESTING LABORATORY:	PDMW	PDMW	PDMW
LABORATORY SAMPLE ID:	80038	80036	80037
DATE RECEIVED:	9/3/2003	9/3/2003	9/3/2003
DATE ANALYZED:	9/11/2003	9/8/2003	9/8/2003
CONCENTRATION UNITS:	ng/Kg	ng/Kg	ng/Kg
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EMPC [0.196]	ND (1.32)	ND (0.125)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EMPC [0.283]	ND (0.490)	ND (0.313)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EMPC [0.334]	ND (0.337)	ND (0.313)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.931 A	ND (0.329)	ND (0.313)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.624 A	ND (0.329)	ND (0.313)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	18.0	0.513 A	0.460 A
Octachlorodibenzo-p-dioxin	117 B	2.26 A, BU	1.75 A, BU
2,3,7,8-Tetrachlorodibenzofuran	EMPC [0.177]	ND (0.394)	0.0676 A
1,2,3,7,8-Pentachlorodibenzofuran	0.196 A, BU	ND (0.329)	ND (0.313)
2,3,4,7,8-Pentachlorodibenzofuran	0.196 A	ND (0.329)	ND (0.313)
1,2,3,4,7,8-Hexachlorodibenzofuran	0.730 A	ND (0.367)	ND (0.313)
1,2,3,6,7,8-Hexachlorodibenzofuran	0.448 A, B	ND (0.329)	ND (0.313)
2,3,4,6,7,8-Hexachlorodibenzofuran	0.483 A	ND (0.350)	ND (0.313)
1,2,3,7,8,9-Hexachlorodibenzofuran	0.322 A	ND (0.410)	ND (0.313)
1,2,3,4,6,7,8-Heptachlorodibenzofuran	12.2 B	0.416 A, BU	0.230 A, BU
1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.03 A	ND (0.329)	ND (0.313)
Octachlorodibenzofuran	24.9	ND (0.658)	ND (0.626)
WHO TEQ (ND=0)	0.788	0.010	0.014
WHO TEQ (ND=_{1/2})	0.788	0.555	0.430
WHO TEQ with EMPCs (ND=0)	1.32	0.010	0.014
WHO TEQ with EMPCs (ND=_{1/2})	<u>1.32</u>	<u>0.555</u>	<u>0.430</u>

PDMW: Paradigm Analytical Laboratories, Inc., Wilmington, NC.

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TEQ: Toxicity Equivalence Quotient

WHO: World Health Organization

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Method 8290 - Dioxins
Aug/Sep/Oct 2003

LOCATION OF SAMPLE:	SU4	SU5	BK5
DATE OF SAMPLE:	9/1/2003	8/31/2003	8/31/2003
TYPE OF SAMPLE:	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	10SO	04SO	05SO
TESTING LABORATORY:	PDMW	PDMW	PDMW
LABORATORY SAMPLE ID:	80046	80039	80040
DATE RECEIVED:	9/3/2003	9/3/2003	9/3/2003
DATE ANALYZED:	9/11/2003	9/11/2003	9/11/2003
CONCENTRATION UNITS:	ng/Kg	ng/Kg	ng/Kg
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EMPC [0.382]	EMPC [0.1113]	EMPC [0.117]
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.71 A	EMPC [0.119]	EMPC [0.0771]
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3.52 A	EMPC [0.0877]	EMPC [0.114]
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	12.6	0.124 A	0.0664 A
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	8.42	0.168 A	EMPC [0.0771]
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	251	0.562 A	0.401 A
Octachlorodibenzo-p-dioxin	1870 B	2.95 A, B	1.76 A, BU
2,3,7,8-Tetrachlorodibenzofuran	0.394 A	0.0877 A	0.0877 A
1,2,3,7,8-Pentachlorodibenzofuran	1.29 A	0.126 A	EMPC [0.332]
2,3,4,7,8-Pentachlorodibenzofuran	3.40 A, BU	0.101 A, BU	0.0585 A, B
1,2,3,4,7,8-Hexachlorodibenzofuran	8.59	EMPC [0.0954]	0.0345 A
1,2,3,6,7,8-Hexachlorodibenzofuran	3.45 A, BU	0.119 A, BU	0.0638 A, BU
2,3,4,6,7,8-Hexachlorodibenzofuran	4.36 A	0.0954 A	ND (0.332)
1,2,3,7,8,9-Hexachlorodibenzofuran	2.94 A	0.193 A	ND (0.332)
1,2,3,4,6,7,8-Heptachlorodibenzofuran	87.1 B	0.330 A, BU	0.178 A, BU
1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.04	EMPC [0.150]	ND (0.332)
Octachlorodibenzofuran	187	0.706 A	0.157 A
WHO TEQ (ND=0)	11.5	0.145	0.061
WHO TEQ (ND=_{1/2})	11.5	0.145	0.369
WHO TEQ with EMPCs (ND=0)	11.9	0.397	0.277
WHO TEQ with EMPCs (ND=_{1/2})	<u>11.9</u>	<u>0.397</u>	<u>0.312</u>

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TEQ: Toxicity Equivalence Quotient

WHO: World Health Organization

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Method 8290 - Dioxins
Aug/Sep/Oct 2003

		QC Dup	QA Dup
LOCATION OF SAMPLE:	SU6	SU6	SU6
DATE OF SAMPLE:	9/1/2003	9/1/2003	9/1/2003
TYPE OF SAMPLE:	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	06SO	07SO	08SO
TESTING LABORATORY:	PDMW	PDMW	STLS
LABORATORY SAMPLE ID:	80041	80044	G31040235001
DATE RECEIVED:	9/3/2003	9/3/2003	9/3/2003
DATE ANALYZED:	9/11/2003	9/11/2003	9/11/2003
CONCENTRATION UNITS:	ng/Kg	ng/Kg	ng/Kg
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EMPC [0.173]	EMPC [0.158]	ND (0.73)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EMPC [0.119]	0.141	ND (1.1)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.139	EMPC [0.204]	ND (1.0)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.377	0.536	ND (0.96)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.339	0.404	ND (0.94)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	9.34	11.2	13
Octachlorodibenzo-p-dioxin	81.2 B	92 B	96
2,3,7,8-Tetrachlorodibenzofuran	0.146	EMPC [0.141]	ND (0.46)
1,2,3,7,8-Pentachlorodibenzofuran	0.1	0.184	ND (0.86)
2,3,4,7,8-Pentachlorodibenzofuran	0.139 A, BU	0.174 BU	ND (0.86)
1,2,3,4,7,8-Hexachlorodibenzofuran	0.246	0.401	ND (1.2)
1,2,3,6,7,8-Hexachlorodibenzofuran	0.169 BU	EMPC [0.256]	ND (1.1)
2,3,4,6,7,8-Hexachlorodibenzofuran	0.169	0.293	ND (1.3)
1,2,3,7,8,9-Hexachlorodibenzofuran	ND (9.631)	0.181	ND (1.4)
1,2,3,4,6,7,8-Heptachlorodibenzofuran	4.89 B	5.78 B	6.5 A
1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.327	0.44	ND (0.96)
Octachlorodibenzofuran	17.2	18.7	19 A
WHO TEQ (ND=0)	0.388	0.604	0.207
WHO TEQ (ND=_{1/2})	0.749	0.604	1.781
WHO TEQ with EMPCs (ND=0)	0.680	0.822	0.207
WHO TEQ with EMPCs (ND=_{1/2})	<u>0.704</u>	<u>0.822</u>	<u>1.781</u>

PDMW: Paradigm Analytical Laboratories, Inc., Wilmington, NC.

STLS: Severn Trent Laboratory, Sacramento, CA

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TEQ: Toxicity Equivalence Quotient

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Method 8290 - Dioxins
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LOCATION OF SAMPLE:	SU7	SU8	BK8
DATE OF SAMPLE:	9/1/2003	9/2/2003	9/2/2003
TYPE OF SAMPLE:	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	09SO	11SO	12SO
TESTING LABORATORY:	PDMW	PDMW	PDMW
LABORATORY SAMPLE ID:	80045	G379-7-1A	G379-7-2A
DATE RECEIVED:	9/3/2003	9/5/2003	9/5/2003
DATE ANALYZED:	9/11/2003	9/15/2003	9/15/2003
CONCENTRATION UNITS:	ng/Kg	ng/Kg	ng/Kg
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND (1.277)	ND (0.121) A	ND (0.153)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.0766 A	EMPC [0.0411]	ND (0.381)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EMPC [0.0893]	EMPC [0.135]	ND (0.381)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.120 A	ND (0.302)	ND (0.381)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.112 A	ND (0.302)	ND (0.381)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.17 A	0.803 A, BU	0.708 A, BU
Octachlorodibenzo-p-dioxin	6.37 A, B	5.19 A, BU	4.55 A, BU
2,3,7,8-Tetrachlorodibenzofuran	EMPC [0.0919]	0.0895 A	EMPC [0.119]
1,2,3,7,8-Pentachlorodibenzofuran	0.0638 A	EMPC [0.0532]	0.0732 A
2,3,4,7,8-Pentachlorodibenzofuran	0.0689 A, BU	0.0532 A	0.0732 A
1,2,3,4,7,8-Hexachlorodibenzofuran	EMPC [0.0485]	ND (0.302) A	ND (0.381)
1,2,3,6,7,8-Hexachlorodibenzofuran	0.0817 A, BU	EMPC [0.0508]	EMPC [0.0763]
2,3,4,6,7,8-Hexachlorodibenzofuran	0.0485 A	ND (0.302)	ND (0.381)
1,2,3,7,8,9-Hexachlorodibenzofuran	0.0434 A	ND (0.302)	ND (0.381)
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.311 A, BU	0.220 A	0.186 A
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ND (0.319)	ND (0.302)	ND (0.381)
Octachlorodibenzofuran	0.426 A	EMPC [0.327] BU	ND (0.763)
WHO TEQ (ND=0)	0.170	0.046	0.05
WHO TEQ (ND=_{1/2})	0.274	0.373	0.460
WHO TEQ with EMPCs (ND=0)	0.193	0.109	0.069
WHO TEQ with EMPCs (ND=_{1/2})	<u>0.259</u>	<u>0.246</u>	<u>0.453</u>

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03-043 Haines - Fairbanks Pipeline Herbicide Residue Survey
Method 8290 - Dioxins
Aug/Sep/Oct 2003

LOCATION OF SAMPLE:	SU9	SU10	SU11
DATE OF SAMPLE:	9/2/2003	9/5/2003	9/3/2003
TYPE OF SAMPLE:	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	13SO	26SO	14SO
TESTING LABORATORY:	PDMW	PDMW	PDMW
LABORATORY SAMPLE ID:	G379-7-3A	G379-8-11A	G379-7-4A
DATE RECEIVED:	9/5/2003	9/9/2003	9/5/2003
DATE ANALYZED:	9/15/2003	9/14/2003	9/15/2003
CONCENTRATION UNITS:	ng/Kg	ng/Kg	ng/Kg
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND (0.191)	ND (0.108)	ND (0.176)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EMPC [0.359]	EMPC [0.127] BU	ND (0.440)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ND (0.477)	ND (0.269)	ND (0.440)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	ND (0.477)	ND (0.269)	ND (0.440)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	ND (0.477)	ND (0.269)	ND (0.440)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.458 A, BU	0.941 A, BU	0.419 BU
Octachlorodibenzo-p-dioxin	1.67 A, BU	5.01 A, BU	EMPC [1.49] B
2,3,7,8-Tetrachlorodibenzofuran	0.172 A	0.0840 A	EMPC [0.127]
1,2,3,7,8-Pentachlorodibenzofuran	ND (0.477)	EMPC [0.054] BU	EMPC [0.0880] BU
2,3,4,7,8-Pentachlorodibenzofuran	EMPC [0.0763]	EMPC [0.063] BU	EMPC [0.0810] BU
1,2,3,4,7,8-Hexachlorodibenzofuran	ND (0.477)	EMPC [0.054]	ND (0.440)
1,2,3,6,7,8-Hexachlorodibenzofuran	ND (0.477)	0.0775 A, BU	ND (0.440)
2,3,4,6,7,8-Hexachlorodibenzofuran	ND (0.477)	ND (0.269)	ND (0.440)
1,2,3,7,8,9-Hexachlorodibenzofuran	ND (0.477)	ND (0.269)	ND (0.440)
1,2,3,4,6,7,8-Heptachlorodibenzofuran	EMPC [0.210]	0.241 A	0.183 A
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ND (0.477)	ND (0.269)	ND (0.440)
Octachlorodibenzofuran	ND (0.954)	0.291 A	ND (0.880)
WHO TEQ (ND=0)	0.022	0.029	0.006
WHO TEQ (ND=_{1/2})	0.659	0.373	0.600
WHO TEQ with EMPCs (ND=0)	0.421	0.195	0.064
WHO TEQ with EMPCs (ND=_{1/2})	<u>0.698</u>	<u>0.317</u>	<u>0.528</u>

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03-043 Haines - Fairbanks Pipeline Herbicide Residue Survey
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Aug/Sep/Oct 2003

LOCATION OF SAMPLE:	SU12	BK12	SU13
DATE OF SAMPLE:	9/5/2003	9/5/2003	9/5/2003
TYPE OF SAMPLE:	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	23SO	24SO	22SO
TESTING LABORATORY:	PDMW	PDMW	PDMW
LABORATORY SAMPLE ID:	G379-8-8A	G379-8-9A	G379-8-7A
DATE RECEIVED:	9/9/2003	9/9/2003	9/9/2003
DATE ANALYZED:	9/14/2003	9/14/2003	9/14/2003
CONCENTRATION UNITS:	ng/Kg	ng/Kg	ng/Kg
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND (0.118)	ND (0.112)	EMPC [0.199]
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EMPC [0.194] BU	ND (0.281)	1.37 A
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ND (0.296)	ND (0.281)	5.51
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EMPC [0.230]	ND (0.281)	18.7
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.187 A, BU	ND (0.281)	10.5 B
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.82 B	2.22 A, B	912 B
Octachlorodibenzo-p-dioxin	26.1 B	14.3 B	12200 E, B
2,3,7,8-Tetrachlorodibenzofuran	EMPC [0.130]	0.0920 A	EMPC [0.111]
1,2,3,7,8-Pentachlorodibenzofuran	ND (0.296)	ND (0.281)	0.177 A, BU
2,3,4,7,8-Pentachlorodibenzofuran	EMPC [0.0663] BL	0.0741 A, BU	0.265 A,BU
1,2,3,4,7,8-Hexachlorodibenzofuran	ND (0.296)	EMPC [0.0628] BL	5.36 B
1,2,3,6,7,8-Hexachlorodibenzofuran	ND (0.296)	0.0853 A, BU	2.07 A
2,3,4,6,7,8-Hexachlorodibenzofuran	ND (0.296)	ND (0.281)	4.96
1,2,3,7,8,9-Hexachlorodibenzofuran	ND (0.296)	ND (0.281)	1.08 A, B
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.891 A	0.485 A	268
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ND (0.296)	ND (0.281)	19.1
Octachlorodibenzofuran	3.26 A	1.40 A	2700 E
WHO TEQ (ND=0)	0.069	0.083	19.8
WHO TEQ (ND= _{1/2})	0.454	0.372	19.8
WHO TEQ with EMPCs (ND=0)	0.332	0.090	20.0
WHO TEQ with EMPCs (ND= _{1/2})	<u>0.474</u>	<u>0.365</u>	<u>20.0</u>

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03-043 Haines - Fairbanks Pipeline Herbicide Residue Survey
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Aug/Sep/Oct 2003

LOCATION OF SAMPLE:	SU14	SU15
DATE OF SAMPLE:	9/5/2003	9/5/2003
TYPE OF SAMPLE:	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	25SO	21SO
TESTING LABORATORY:	PDMW	PDMW
LABORATORY SAMPLE ID:	G379-8-10A	G379-8-6A
DATE RECEIVED:	9/9/2003	9/9/2003
DATE ANALYZED:	9/14/2003	9/14/2003
CONCENTRATION UNITS:	ng/Kg	ng/Kg
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND (0.1118)	ND (0.110)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EMPC [0.167] BU	ND (0.276)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ND (0.294)	ND (0.276)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.230 A	ND (0.276)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EMPC [0.190] BU	ND (0.276)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.53 A	1.04 A, B
Octachlorodibenzo-p-dioxin	17.8	6.12 B
2,3,7,8-Tetrachlorodibenzofuran	0.115 A	0.0860 A
1,2,3,7,8-Pentachlorodibenzofuran	0.0658 A, BU	ND (0.276)
2,3,4,7,8-Pentachlorodibenzofuran	0.0894 A, BU	ND (0.276)
1,2,3,4,7,8-Hexachlorodibenzofuran	ND (0.294)	ND (0.276)
1,2,3,6,7,8-Hexachlorodibenzofuran	0.101 A, BU	0.0816 A, BU
2,3,4,6,7,8-Hexachlorodibenzofuran	ND (0.294)	ND (0.276)
1,2,3,7,8,9-Hexachlorodibenzofuran	ND (0.294)	ND (0.276)
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.844 A	0.342 A
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ND (0.294)	ND (2.00)
Octachlorodibenzofuran	2.30 A	0.527 A
WHO TEQ (ND=0)	0.128	0.031
WHO TEQ (ND=_{1/2})	0.409	0.393
WHO TEQ with EMPCs (ND=0)	0.314	0.031
WHO TEQ with EMPCs (ND=_{1/2})	<u>0.434</u>	<u>0.393</u>

PDMW: Paradigm Analytical Laboratories, Inc., Wilmington, NC.

A: Estimated; amount detected is less than the Lower Calibration Limit.

EMPC: "Estimated Maximum Possible Concentration".

ND: Not Detected. (The number in parentheses is the Estimated Detection Limit [EDL]).

B: Analyte also detected in associated method blank.

BU: Qualified as "Undetected", as analyte also detected in associated method blank at a conc. within 5X of reported sample concentration.

>("BU" qualifications not accounted for in TEQs reported on this page; see Section 4 in Chemical Data Report).

TEQ: Toxicity Equivalence Quotient

WHO: World Health Organization

03-043 Haines - Fairbanks Pipeline Herbicide Residue Survey

Sep/Oct 2003

Aug/Sep/Oct 2003

	SU16	QC Dup SU16	QA Dup SU16
LOCATION OF SAMPLE:	SU16	SU16	SU16
DATE OF SAMPLE:	9/4/2003	9/4/2003	9/4/2003
TYPE OF SAMPLE:	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	17SO	18SO	19SO
TESTING LABORATORY:	PDMW	PDMW	STLS
LABORATORY SAMPLE ID:	G379-8-3A	G379-8-4A	G31090334
DATE RECEIVED:	9/9/2003	9/9/2003	9/9/2003
DATE ANALYZED:	9/14/2003	9/14/2003	9/12/2003
CONCENTRATION UNITS:	ng/Kg	ng/Kg	ng/Kg
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND (0.127)	ND (0.121)	ND (0.28)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ND (0.319)	ND (0.301)	ND (0.54)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ND (0.747)	ND (0.301)	ND (0.32)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	ND (0.715)	ND (0.301)	ND (0.38)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	ND (0.736)	ND (0.301)	ND (0.33)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.971 A, BU	1.05 A, B	ND (0.91)
Octachlorodibenzo-p-dioxin	5.91 A, B	6.84 B	ND (3.6)
2,3,7,8-Tetrachlorodibenzofuran	0.117 A	0.106 A	ND (0.20)
1,2,3,7,8-Pentachlorodibenzofuran	ND (0.319)	ND (0.301)	ND (0.34)
2,3,4,7,8-Pentachlorodibenzofuran	0.0663 A, BU	ND (0.301)	ND (0.34)
1,2,3,4,7,8-Hexachlorodibenzofuran	ND (0.331)	ND (0.301)	ND (0.22)
1,2,3,6,7,8-Hexachlorodibenzofuran	ND (0.319)	ND (0.301)	ND (0.31)
2,3,4,6,7,8-Hexachlorodibenzofuran	ND (0.325)	ND (0.301)	ND (0.26)
1,2,3,7,8,9-Hexachlorodibenzofuran	ND (0.383)	ND (0.301)	ND (0.27)
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.194 A	0.234 A	ND (0.45)
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ND (0.319)	ND (0.301)	ND (0.53)
Octachlorodibenzofuran	0.367 A	0.282 A	ND (0.71)
WHO TEQ (ND=0)	0.057	0.024	0.000
WHO TEQ (ND=_{1/2})	0.468	0.425	0.628
WHO TEQ with EMPCs (ND=0)	0.057	0.024	0.000
WHO TEQ with EMPCs (ND=_{1/2})	<u>0.468</u>	<u>0.425</u>	<u>0.628</u>

PDMW: Paradigm Analytical Laboratories, Inc., Wilmington, NC.

STLS: Severn Trent Laboratory, Sacramento, CA

A: Estimated; amount detected is less than the Lower Calibration Limit.

EMPC: "Estimated Maximum Possible Concentration".

ND: Not Detected. (The number in parentheses is the Estimated Detection Limit [EDL]).

B: Analyte also detected in associated method blank.

BU: Qualified as "Undetected", as analyte also detected in associated method blank at a conc. within 5X of reported sample concentration.

>("BU" qualifications not accounted for in TEQs reported on this page; see Section 4 in Chemical Data Report).

TEQ: Toxicity Equivalence Quotient

WHO: World Health Organization

03-043 Haines - Fairbanks Pipeline Herbicide Residue Survey
Method 8290 - Dioxins
Aug/Sep/Oct 2003

LOCATION OF SAMPLE:	BK16	SU17	SU18
DATE OF SAMPLE:	9/4/2003	9/4/2003	9/4/2003
TYPE OF SAMPLE:	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	20SO	16SO	15SO
TESTING LABORATORY:	PDMW	PDMW	PDMW
LABORATORY SAMPLE ID:	G379-8-5A	G379-8-2A	G379-8-1A
DATE RECEIVED:	9/9/2003	9/9/2003	9/9/2003
DATE ANALYZED:	9/14/2003	9/14/2003	9/15/2003
CONCENTRATION UNITS:	ng/Kg	ng/Kg	ng/Kg
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND (0.134)	ND (0.231)	ND (0.168)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ND (0.335)	ND (0.577)	0.0807 A, BU
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ND (0.335)	ND (0.577)	ND (0.420)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	ND (0.335)	ND (0.577)	ND (0.420)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	ND (0.335)	ND (0.577)	ND (0.420)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.940 A, BU	1.62 A, B	0.884 A
Octachlorodibenzo-p-dioxin	6.00 A, B	9.48 A	5.71 A, B
2,3,7,8-Tetrachlorodibenzofuran	EMPC [0.118]	0.236 A	0.138 A
1,2,3,7,8-Pentachlorodibenzofuran	ND (0.335)	ND (0.577)	ND (0.420)
2,3,4,7,8-Pentachlorodibenzofuran	ND (0.335)	0.162 A, BU	EMPC [0.0773] BU
1,2,3,4,7,8-Hexachlorodibenzofuran	ND (0.335)	ND (0.577)	ND (0.420)
1,2,3,6,7,8-Hexachlorodibenzofuran	ND (0.335)	ND (0.577)	ND (0.420)
2,3,4,6,7,8-Hexachlorodibenzofuran	ND (0.335)	ND (0.577)	ND (0.420)
1,2,3,7,8,9-Hexachlorodibenzofuran	ND (0.335)	ND (0.577)	ND (0.420)
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.268 A	0.540 A	EMPC [0.498]
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ND (0.335)	ND (0.577)	ND (0.420)
Octachlorodibenzofuran	0.252 A	1.01 A	0.477 A
WHO TEQ (ND=0)	0.013	0.127	0.104
WHO TEQ (ND=_{1/2})	0.465	0.751	0.455
WHO TEQ with EMPCs (ND=0)	0.025	0.127	0.148
WHO TEQ with EMPCs (ND=_{1/2})	<u>0.471</u>	<u>0.751</u>	<u>0.391</u>

PDMW: Paradigm Analytical Laboratories, Inc., Wilmington, NC.

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EMPC: "Estimated Maximum Possible Concentration".

ND: Not Detected. (The number in parentheses is the Estimated Detection Limit [EDL]).

B: Analyte also detected in associated method blank.

BU: Qualified as "Undetected", as analyte also detected in associated method blank at a conc. within 5X of reported sample concentration.

>("BU" qualifications not accounted for in TEQs reported on this page; see Section 4 in Chemical Data Report).

TEQ: Toxicity Equivalence Quotient

WHO: World Health Organization

03-043 Haines - Fairbanks Pipeline Herbicide Residue Survey
Method 8290 - Dioxins
Aug/Sep/Oct 2003

LOCATION OF SAMPLE:	SU19	SU20	BK20
DATE OF SAMPLE:	10/21/2003	10/22/2003	10/21/2003
TYPE OF SAMPLE:	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	27SO	34SO	28SO
TESTING LABORATORY:	PDMW	PDMW	PDMW
LABORATORY SAMPLE ID:	G379-9-1A	G379-9-10A	G379-9-2A
DATE RECEIVED:	10/25/2003	10/25/2003	10/25/2003
DATE ANALYZED:	11/8/2003	11/9/2003	11/8/2003
CONCENTRATION UNITS:	ng/Kg	ng/Kg	ng/Kg
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND (0.212)	ND (0.260)	EMPC [0.326]
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ND (0.345)	ND (0.387)	ND (0.289)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ND (0.345)	ND (0.387)	ND (0.289)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	ND (0.345)	ND (0.387)	0.102 A, BU
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	ND (0.345)	0.204 A, BU	ND (0.289)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.456 A, BU	1.04 A, BU	0.948 A, BU
Octachlorodibenzo-p-dioxin	1.94 A, BU	4.94 A, B	5.11 A, B
2,3,7,8-Tetrachlorodibenzofuran	ND (0.169)	ND (0.211)	0.162 A, BU
1,2,3,7,8-Pentachlorodibenzofuran	ND (0.345)	ND (0.387)	EMPC [0.0740] BU
2,3,4,7,8-Pentachlorodibenzofuran	ND (0.345)	0.105 A, BU	ND (0.289)
1,2,3,4,7,8-Hexachlorodibenzofuran	ND (0.345)	ND (0.387)	ND (0.289)
1,2,3,6,7,8-Hexachlorodibenzofuran	ND (0.345)	0.130 A, BU	0.0670 A, BU
2,3,4,6,7,8-Hexachlorodibenzofuran	ND (0.345)	ND (0.387)	ND (0.289)
1,2,3,7,8,9-Hexachlorodibenzofuran	ND (0.345)	ND (0.387)	ND (0.289)
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.343 A, BU	0.582 BU	0.305 A, BU
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ND (0.345)	ND (0.387)	ND (0.289)
Octachlorodibenzofuran	EMPC [0.594] BU	ND (0.774)	EMPC [0.548] BU
WHO TEQ (ND=0)	0.008	0.103	0.046
WHO TEQ (ND=_{1/2})	0.487	0.448	0.457
WHO TEQ with EMPCs (ND=0)	0.008	0.103	0.376
WHO TEQ with EMPCs (ND=_{1/2})	<u>0.487</u>	<u>0.448</u>	<u>0.704</u>

PDMW: Paradigm Analytical Laboratories, Inc., Wilmington, NC.

A: Estimated; amount detected is less than the Lower Calibration Limit.

EMPC: "Estimated Maximum Possible Concentration".

ND: Not Detected. (The number in parentheses is the Estimated Detection Limit [EDL]).

B: Analyte also detected in associated method blank.

BU: Qualified as "Undetected", as analyte also detected in associated method blank at a conc. within 5X of reported sample concentration.

>("BU" qualifications not accounted for in TEQs reported on this page; see Section 4 in Chemical Data Report).

TEQ: Toxicity Equivalence Quotient

WHO: World Health Organization

03-043 Haines - Fairbanks Pipeline Herbicide Residue Survey
Method 8290 - Dioxins
Aug/Sep/Oct 2003

	SU21	SU22	QC DUP SU22
LOCATION OF SAMPLE:	SU21	SU22	SU22
DATE OF SAMPLE:	10/22/2003	10/21/2003	10/21/2003
TYPE OF SAMPLE:	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	31SO	29SO	30SO
TESTING LABORATORY:	PDMW	PDMW	PDMW
LABORATORY SAMPLE ID:	G379-9-7A	G379-9-3A	G379-9-6A
DATE RECEIVED:	10/25/2003	10/25/2003	10/25/2003
DATE ANALYZED:	11/8/2003	11/8/2003	11/8/2003
CONCENTRATION UNITS:	ng/Kg	ng/Kg	ng/Kg
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND (0.304)	ND (0.287)	ND (0.260)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ND (0.311)	EMPC [0.294] BU	0.664 A, BU
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ND (0.311)	0.345 A, BU	0.785 A, BU
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	ND (0.311)	4.61 B	7.78 A, B
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	ND (0.311)	1.15 A, BU	2.12 B
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.650 A, BU	77.9 B	143 B
Octachlorodibenzo-p-dioxin	2.82 A, BU	480 B	994 B
2,3,7,8-Tetrachlorodibenzofuran	ND (0.206)	0.255 A, BU	EMPC [0.389] BU
1,2,3,7,8-Pentachlorodibenzofuran	0.115 A, BU	0.260 A, BU	0.583 A, BU
2,3,4,7,8-Pentachlorodibenzofuran	ND (0.311)	0.541 A, BU	1.06 A, BU
1,2,3,4,7,8-Hexachlorodibenzofuran	ND (0.311)	0.620 A, BU	1.48 A, BU
1,2,3,6,7,8-Hexachlorodibenzofuran	0.127 A, BU	0.543 A, BU	1.06 A, B
2,3,4,6,7,8-Hexachlorodibenzofuran	ND (0.311)	1.01 A, B	1.99 A, B
1,2,3,7,8,9-Hexachlorodibenzofuran	ND (0.311)	0.504 A, BU	1.19 A, B
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.184 A, BU	11.7 B	22.3 A, B
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ND (0.311)	EMPC [0.467] BU	1.02 A, B
Octachlorodibenzofuran	ND (0.666)	9.1 B	16.8, B
WHO TEQ (ND=0)	0.027	2.13	4.63
WHO TEQ (ND=_{1/2})	0.461	2.60	4.76
WHO TEQ with EMPCs (ND=0)	0.027	2.43	4.67
WHO TEQ with EMPCs (ND=_{1/2})	<u>0.461</u>	<u>2.56</u>	<u>4.78</u>

PDMW: Paradigm Analytical Laboratories, Inc., Wilmington, NC.

A: Estimated; amount detected is less than the Lower Calibration Limit.

EMPC: "Estimated Maximum Possible Concentration".

ND: Not Detected. (The number in parentheses is the Estimated Detection Limit [EDL]).

B: Analyte also detected in associated method blank.

BU: Qualified as "Undetected", as analyte also detected in associated method blank at a conc. within 5X of reported sample concentration.

>("BU" qualifications not accounted for in TEQs reported on this page; see Section 4 in Chemical Data Report).

TEQ: Toxicity Equivalence Quotient

WHO: World Health Organization

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Method 8290 - Dioxins
Aug/Sep/Oct 2003

LOCATION OF SAMPLE:	SU23	BK23
DATE OF SAMPLE:	10/22/2003	10/22/2003
TYPE OF SAMPLE:	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	33SO	32SO
TESTING LABORATORY:	PDMW	PDMW
LABORATORY SAMPLE ID:	G379-9-9A	G379-9-8A
DATE RECEIVED:	10/25/2003	10/25/2003
DATE ANALYZED:	11/9/2003	11/8/2003
CONCENTRATION UNITS:	ng/Kg	ng/Kg
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND (0.358)	ND (0.450)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.10 A, BU	EMPC [0.318] BU
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.37 A, B	ND (0.560)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	10.9 B	EMPC [0.453] BU
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	7.51 B	0.479 A, BU
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	270 B	5.57 A, B
Octachlorodibenzo-p-dioxin	1860 B	35.9 B
2,3,7,8-Tetrachlorodibenzofuran	0.248 A, BU	0.475 A, B
1,2,3,7,8-Pentachlorodibenzofuran	0.378 A, BU	0.345 A, BU
2,3,4,7,8-Pentachlorodibenzofuran	0.692 A, BU	0.264 A, BU
1,2,3,4,7,8-Hexachlorodibenzofuran	2.34 A,B	0.246 A, BU
1,2,3,6,7,8-Hexachlorodibenzofuran	1.43 A,B	0.282 A,BU
2,3,4,6,7,8-Hexachlorodibenzofuran	1.83 A,B	0.170 A,BU
1,2,3,7,8,9-Hexachlorodibenzofuran	0.378 A, BU	ND (0.560)
1,2,3,4,6,7,8-Heptachlorodibenzofuran	54.3 B	1.41 A, B
1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.54 B	ND (0.560)
Octachlorodibenzofuran	360 B	4.06 A, B
WHO TEQ (ND=0)	7.68	0.388
WHO TEQ (ND=_{1/2})	7.78	0.704
WHO TEQ with EMPCs (ND=0)	7.68	0.752
WHO TEQ with EMPCs (ND=_{1/2})	<u>7.78</u>	<u>0.878</u>

PDMW: Paradigm Analytical Laboratories, Inc., Wilmington, NC.

A: Estimated; amount detected is less than the Lower Calibration Limit.

EMPC: "Estimated Maximum Possible Concentration".

ND: Not Detected. (The number in parentheses is the Estimated Detection Limit [EDL]).

B: Analyte also detected in associated method blank.

BU: Qualified as "Undetected", as analyte also detected in associated method blank at a conc. within 5X of reported sample concentration.

>("BU" qualifications not accounted for in TEQs reported on this page; see Section 4 in Chemical Data Report).

TEQ: Toxicity Equivalence Quotient

WHO: World Health Organization

**03-043 Haines-Fairbanks Pipeline Herbicide Residue Survey
Aug/Sep/Oct 2003**

Method 8151 - Selected Herbicides

LOCATION OF SAMPLE:	SU1	SU2	SU3	SU4	SU5
DATE OF SAMPLE:	8/31/2003	8/30/2003	8/30/2003	9/1/2003	8/31/2003
TYPE OF SAMPLE:	Soil	Soil	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	03SO	01SO	02SO	10SO	04SO
TESTING LABORATORY:	STL8	STL8	STL8	STL8	STL8
LABORATORY SAMPLE ID:	115863-03	115863-01	115863-02	115863-09	115863-04
DATE RECEIVED:	9/3/2003	9/3/2003	9/3/2003	9/3/2003	9/3/2003
DATE ANALYZED:	9/12/2003	9/12/2003	9/12/2003	9/12/2003	9/12/2003
CONCENTRATION UNITS:	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
2,4,5-T	ND (15.4)	ND (11.2)	ND (10.1)	ND (26.2)	ND (10.8)
2,4-D	ND (15.4)	ND (11.2)	ND (10.1)	ND (26.2)	ND (10.8)
Picloram	ND (15.4)	ND (11.2)	ND (10.1)	ND (26.2)	ND (10.8)

Method 8321 - Fenuron

LOCATION OF SAMPLE:	SU1	SU2	SU3	SU4	SU5
FIELD SAMPLE ID: 03HFPH:	03SO	01SO	02SO	10SO	04SO
TESTING LABORATORY:	Caltest	Caltest	Caltest	Caltest	Caltest
LABORATORY SAMPLE ID:	D090095-3	D090095-1	D090095-2	D090095-9	D090095-4
DATE ANALYZED:	9/24/2003	9/24/2003	9/24/2003	9/24/2003	9/24/2003
CONCENTRATION UNITS:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Fenuron	ND (2.0)	ND (1.0)	ND (1.0)	ND (4.0)	ND (1.0)

CalTest: Caltest analytical Laboratories, Napa, Ca.

STL8: Severn Trent Laboratories, Seattle, WA.

STLB: Severn Trent Laboratories, Burlington, VA.

NT: Not Tested.

ND: Not Detected. (The number in parentheses is the Method Reporting Limit [MRL]).

**03-043 Haines-Fairbanks Pipeline Herbicide Residue Survey
Aug/Sep/Oct 2003**

Method 8151 - Selected Herbicides

	BK05	SU6	QC Dup SU6	QA Dup SU6	SU7
LOCATION OF SAMPLE:	BK05	SU6	SU6	SU6	SU7
DATE OF SAMPLE:	8/31/2003	9/1/2003	9/1/2003	9/1/2003	9/1/2003
TYPE OF SAMPLE:	Soil	Soil	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	05SO	06SO	07SO	08SO	09SO
TESTING LABORATORY:	STL8	STL8	STL8	STLB	STL8
LABORATORY SAMPLE ID:	115863-05	115863-06	115863-07	539770	115863-08
DATE RECEIVED:	9/3/2003	9/3/2003	9/3/2003	9/3/2003	9/3/2003
DATE ANALYZED:	9/12/2003	9/12/2003	9/12/2003	9/15/2003	9/12/2003
CONCENTRATION UNITS:	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
2,4,5-T	ND (11.6)	ND (16.7)	ND (17)	ND (38.0)	ND (11.3)
2,4-D	ND (11.6)	ND (16.7)	ND (17)	ND (300.0)	ND (11.3)
Picloram	ND (11.6)	ND (16.7)	ND (17)	ND (30.0)	ND (11.3)

Method 8321 - Fenuron

	BK05	SU6	QC Dup SU6	QA Dup SU6	SU7
LOCATION OF SAMPLE:	BK05	SU6	SU6	SU6	SU7
FIELD SAMPLE ID: 03HFPH:	05SO	06SO	07SO	08SO	09SO
TESTING LABORATORY:	Caltest	Caltest	Caltest	STLB	Caltest
LABORATORY SAMPLE ID:	D090095-5	D090095-6	D090095-7	539770	D090095-8
DATE ANALYZED:	9/24/2003	9/24/2003	9/24/2003	9/15/2003	9/24/2003
CONCENTRATION UNITS:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Fenuron	ND (1.0)	ND (2.0)	ND (2.0)	NT	ND (1.0)

CalTest: Caltest analytical Laboratories, Napa, Ca.

STL8: Severn Trent Laboratories, Seattle, WA.

STLB: Severn Trent Laboratories, Burlington, VA.

NT: Not Tested.

ND: Not Detected. (The number in parentheses is the Method Reporting Limit [MRL]).

Method 8151 - Selected Herbicides

LOCATION OF SAMPLE:	SU8	BK8	SU9	SU10	SU11
DATE OF SAMPLE:	9/2/2003	9/2/2003	9/2/2003	9/6/2003	9/3/2003
TYPE OF SAMPLE:	Soil	Soil	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	11SO	12SO	13SO	26SO	14SO
TESTING LABORATORY:	STL8	STL8	STL8	STL8	STL8
LABORATORY SAMPLE ID:	115894-01	115894-02	115894-03	115980-11	115894-04
DATE RECEIVED:	9/5/2003	9/5/2003	9/5/2003	9/9/2003	9/5/2003
DATE ANALYZED:	9/12/2003	9/12/2003	9/12/2003	9/16/2003	9/12/2003
CONCENTRATION UNITS:	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
2,4,5-T	ND (10.2)	ND (12.9)	ND (16.3)	ND (14.9)	ND (14.7)
2,4-D	ND (10.2)	ND (12.9)	ND (16.3)	ND (14.9)	ND (14.7)
Picloram	ND (10.2)	ND (12.9)	ND (16.3)	ND (14.9)	ND (14.7)

Method 8321 - Fenuron

LOCATION OF SAMPLE:	SU8	BK8	SU9	SU10	SU11
FIELD SAMPLE ID: 03HFPH:	11SO	12SO	13SO	26SO	14SO
TESTING LABORATORY:	Caltest	Caltest	Caltest	Caltest	Caltest
LABORATORY SAMPLE ID:	D090219-1	D090219-2	D090219-3	D090304-11	D090219-4
DATE ANALYZED:	9/12/2003	9/12/2003	9/12/2003	9/25/2003	9/12/2003
CONCENTRATION UNITS:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Fenuron	ND (2.0)	ND (1.0)	ND (2.0)	ND (1.0)	ND (2.0)

CalTest: Caltest analytical Laboratories, Napa, Ca.

STL8: Severn Trent Laboratories, Seattle, WA.

STLB: Severn Trent Laboratories, Burlington, VA.

NT: Not Tested.

ND: Not Detected. (The number in parentheses is the Method Reporting Limit [MRL]).

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Method 8151 - Selected Herbicides

LOCATION OF SAMPLE:	SU12	BK12	SU13	SU14	SU15
DATE OF SAMPLE:	9/5/2003	9/5/2003	9/5/2003	9/5/2003	9/5/2003
TYPE OF SAMPLE:	Soil	Soil	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	23SO	24SO	22SO	25SO	21SO
TESTING LABORATORY:	STL8	STL8	STL8	STL8	STL8
LABORATORY SAMPLE ID:	115980-08	115980-09	115980-07	115980-10	115980-06
DATE RECEIVED:	9/9/2003	9/9/2003	9/9/2003	9/9/2003	9/9/2003
DATE ANALYZED:	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003
CONCENTRATION UNITS:	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
2,4,5-T	ND (15)	ND (15.3)	ND (14)	ND (14.3)	ND (14.1)
2,4-D	ND (15)	ND (15.3)	ND (14)	ND (14.3)	ND (14.1)
Picloram	ND (15)	ND (15.3)	ND (14)	ND (14.3)	ND (14.1)

Method 8321 - Fenuron

LOCATION OF SAMPLE:	SU12	BK12	SU13	SU14	SU15
FIELD SAMPLE ID: 03HFPH:	23SO	24SO	22SO	25SO	21SO
TESTING LABORATORY:	Caltest	Caltest	Caltest	Caltest	Caltest
LABORATORY SAMPLE ID:	D090304-8	D090304-9	D090304-7	D090304-40	D090304-6
DATE ANALYZED:	9/25/2003	9/25/2003	9/24/2003	9/25/2003	9/24/2003
CONCENTRATION UNITS:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Fenuron	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)

CalTest: Caltest analytical Laboratories, Napa, Ca.

STL8: Severn Trent Laboratories, Seattle, WA.

STLB: Severn Trent Laboratories, Burlington, VA.

NT: Not Tested.

ND: Not Detected. (The number in parentheses is the Method Reporting Limit [MRL]).

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Method 8151 - Selected Herbicides

	SU16	QC Dup SU16	QA Dup SU16	BK16	SU17
LOCATION OF SAMPLE:	SU16	SU16	SU16	BK16	SU17
DATE OF SAMPLE:	9/4/2003	9/4/2003	9/4/2003	9/4/2003	9/4/2003
TYPE OF SAMPLE:	Soil	Soil	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	17SO	18SO	19SO	20SO	16SO
TESTING LABORATORY:	STL8	STL8	STLB	STL8	STL8
LABORATORY SAMPLE ID:	115980-03	115980-04	540616	115980-05	115980-02
DATE RECEIVED:	9/9/2003	9/9/2003	9/9/2003	9/9/2003	9/9/2003
DATE ANALYZED:	9/16/2003	9/16/2003	9/18/2003	9/16/2003	9/16/2003
CONCENTRATION UNITS:	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
2,4,5-T	ND (14.6)	ND (14.6)	ND (21)	ND (15.4)	ND (29.7)
2,4-D	ND (14.6)	ND (14.6)	ND (160)	ND (15.4)	ND (29.7)
Picloram	ND (14.6)	ND (14.6)	ND (16)	ND (15.4)	ND (29.7)

Method 8321 - Fenuron

	SU16	QC Dup SU16	QA Dup SU16	BK16	SU17
LOCATION OF SAMPLE:	SU16	SU16	SU16	BK16	SU17
FIELD SAMPLE ID: 03HFPH:	17SO	18SO	19SO	20SO	16SO
TESTING LABORATORY:	Caltest	Caltest	STLB	Caltest	Caltest
LABORATORY SAMPLE ID:	D090304-3	D090304-4	540616	D090304-5	D090304-2
DATE ANALYZED:	9/24/2003	9/24/2003	9/18/2003	9/24/2003	9/24/2003
CONCENTRATION UNITS:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Fenuron	ND (1.0)	ND (1.0)	NT	ND (1.0)	ND (2.0)

CalTest: Caltest analytical Laboratories, Napa, Ca.

STL8: Severn Trent Laboratories, Seattle, WA.

STLB: Severn Trent Laboratories, Burlington, VA.

NT: Not Tested.

ND: Not Detected. (The number in parentheses is the Method Reporting Limit [MRL]).

Table 2
03-043 Haines-Fairbanks Pipeline Herbicide Residue Survey
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Method 8151 - Selected Herbicides

LOCATION OF SAMPLE:	SU18	SU19	SU20	BK20	SU21
DATE OF SAMPLE:	9/4/2003	10/21/2003	10/22/2003	10/21/2003	10/22/2003
TYPE OF SAMPLE:	Soil	Soil	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	15SO	27SO	34SO	28SO	31SO
TESTING LABORATORY:	STL8	STL8	STL8	STL8	STL8
LABORATORY SAMPLE ID:	115980-01	117173-01	117173-08	117173-02	117173-05
DATE RECEIVED:	9/9/2003	10/25/2003	10/25/2003	10/25/2003	10/25/2003
DATE ANALYZED:	9/16/2003	11/6/2003	11/6/2003	11/6/2003	11/6/2003
CONCENTRATION UNITS:	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
2,4,5-T	ND (19.1)	ND (10)	ND (10.4)	ND (9.19)	ND (10.6)
2,4-D	ND (19.1)	ND (10)	ND (10.4)	ND (9.19)	ND (10.6)
Picloram	ND (19.1)	ND (20.1)	ND (20.8)	ND (18.4)	ND (21.1)

Method 8321 - Fenuron

LOCATION OF SAMPLE:	SU18	SU19	SU20	BK20	SU21
FIELD SAMPLE ID: 03HFPH:	15SO	27SO	34SO	28SO	31SO
TESTING LABORATORY:	Caltest	Caltest	Caltest	Caltest	Caltest
LABORATORY SAMPLE ID:	D090304-1	D100846-1	D100846-8	D100846-2	D100846-5
DATE ANALYZED:	9/24/2003	11/6/2003	11/7/2003	11/8/2003	11/8/2003
CONCENTRATION UNITS:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Fenuron	ND (2.0)	ND (1.0)	ND (2.0)	ND (1.0)	ND (1.0)

CalTest: Caltest analytical Laboratories, Napa, Ca.

STL8: Severn Trent Laboratories, Seattle, WA.

STLB: Severn Trent Laboratories, Burlington, VA.

NT: Not Tested.

ND: Not Detected. (The number in parentheses is the Method Reporting Limit [MRL]).

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Method 8151 - Selected Herbicides

		QC Dup		
LOCATION OF SAMPLE:	SU22	SU22	SU23	BK23
DATE OF SAMPLE:	10/21/2003	10/21/2003	10/22/2003	10/22/2003
TYPE OF SAMPLE:	Soil	Soil	Soil	Soil
FIELD SAMPLE ID: 03HFPH:	29SO	30SO	33SO	32SO
TESTING LABORATORY:	STL8	STL8	STL8	STL8
LABORATORY SAMPLE ID:	117173-03	117173-04	117173-07	117173-06
DATE RECEIVED:	10/25/2003	10/25/2003	10/25/2003	10/25/2003
DATE ANALYZED:	11/6/2003	11/6/2003	11/6/2003	11/6/2003
CONCENTRATION UNITS:	µg/Kg	µg/Kg	µg/Kg	µg/Kg
2,4,5-T	ND (11.6)	ND (10.2)	ND (18.1)	ND (13)
2,4-D	ND (11.6)	ND (10.2)	ND (18.1)	ND (13)
Picloram	ND (23.3)	ND (20.3)	ND (36.3)	ND (25.9)

Method 8321 - Fenuron

		QC Dup		
LOCATION OF SAMPLE:	SU22	SU22	SU23	BK23
FIELD SAMPLE ID: 03HFPH:	29SO	30SO	32SO	33SO
TESTING LABORATORY:	Caltest	Caltest	Caltest	Caltest
LABORATORY SAMPLE ID:	D100846-3	D100846-4	D100846-6	D100846-7
DATE ANALYZED:	11/8/2003	11/8/2003	11/10/2003	11/10/2003
CONCENTRATION UNITS:	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Fenuron	ND (1.0)	ND (1.0)	ND (2.0)	ND (2.0)

CalTest: Caltest analytical Laboratories, Napa, Ca.

STL8: Severn Trent Laboratories, Seattle, WA.

STLB: Severn Trent Laboratories, Burlington, VA.

NT: Not Tested.

ND: Not Detected. (The number in parentheses is the Method Reporting Limit [MRL]).