

DMR Summary Report

Cliffs Erie - HL Tailings Basin Area (MN0054089)

First DMR in Delta: 7/1999

Ground Water Station GW001 (Well ST-2, off NE side of Tailings Basin)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Boron, Dissolved (as B)	600 ug/L	InstantMax				NoDis			256			259			257.5
Chloride, Total	*250* mg/L	InstMaxInt				NoDis			26.3			26.3			26.3
Elevation of GW Relative to Mean Sea Level	feet	SingleVal				NoDis			1484.2			1484.0			1,484.1
Fluoride, Total (as F)	4.0 mg/L	InstantMax				NoDis			0.16			0.2			0.18
Manganese, Dissolved (as Mn)	1000 ug/L	InstantMax				NoDis			3560			3160			3,360.0
Molybdenum, Dissolved (as Mo)	30 ug/L	InstantMax				NoDis			9			8.9			8.95
pH, Field	SU	SingleVal				NoDis			6.5			6.9			6.7
Solids, Total Dissolved (TDS)	*500* mg/L	InstMaxInt				NoDis			506			586			546.0
Specific Conductance, Field	umh/cm	SingleVal				NoDis			804			883			843.5
Sulfate, Total (as SO4)	*250* mg/L	InstMaxInt				NoDis			31.8			30			30.9
Temperature, Water (C)	Deg C	SingleVal				NoDis			7.8			7.3			7.55

Ground Water Station GW002 (Well MW-6S, N of Private Landfill)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Boron, Dissolved (as B)	ug/L	SingleVal				<50			<50			<50			
Chloride, Total	mg/L	SingleVal				1.2			0.9			0.9			1.0
Elevation of GW Relative to Mean Sea Level	feet	SingleVal				1785			1784.9			1783.2			1,784.367
Fluoride, Total (as F)	mg/L	SingleVal				<0.1			<0.1			<0.1			
Manganese, Dissolved (as Mn)	ug/L	SingleVal				5.75			2.56			<10			4.155
Molybdenum, Dissolved (as Mo)	ug/L	SingleVal				<0.2			<0.2			<0.2			
pH, Field	SU	SingleVal				7.6			7.4			7.9			7.633
Solids, Total Dissolved (TDS)	mg/L	SingleVal				95			88			117			100.0
Specific Conductance, Field	umh/cm	SingleVal				38			55			82			58.333
Sulfate, Total (as SO4)	mg/L	SingleVal				6.3			6.22			6.2			6.24
Temperature, Water (C)	Deg C	SingleVal				12.2			16.6			13.4			14.067

Ground Water Station GW003 (Tailings Basin West Cell Well H-1)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Copper, Dissolved (as Cu)	ug/L	SingleVal				NoDis			NoDis			NoDis			
Elevation of GW Relative to Mean Sea Level	feet	SingleVal				NoDis			NoDis			NoDis			
Nickel, Dissolved (as Ni)	ug/L	SingleVal				NoDis			NoDis			NoDis			
pH, Field	SU	SingleVal				NoDis			NoDis			NoDis			

Note: a limit in the Limit and Units column which is demarcated by asterisks is an Intervention limit, not a hard, violation-causing limit.

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Cliffs Erie - HL Tailings Basin Area (MN0054089)

First DMR in Delta: 7/1999

Ground Water Station GW003 (Tailings Basin West Cell Well H-1)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Specific Conductance, Field	umh/cm	SingleVal				NoDis			NoDis			NoDis			
Sulfate, Total (as SO4)	mg/L	SingleVal				NoDis			NoDis			NoDis			
Temperature, Water (C)	Deg C	SingleVal				NoDis			NoDis			NoDis			

Ground Water Station GW004 (Tailings Basin West Cell Well H-2)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Copper, Dissolved (as Cu)	ug/L	SingleVal				NoDis			NoDis			NoDis			
Elevation of GW Relative to Mean Sea Level	feet	SingleVal				NoDis			NoDis			NoDis			
Nickel, Dissolved (as Ni)	ug/L	SingleVal				NoDis			NoDis			NoDis			
pH, Field	SU	SingleVal				NoDis			NoDis			NoDis			
Specific Conductance, Field	umh/cm	SingleVal				NoDis			NoDis			NoDis			
Sulfate, Total (as SO4)	mg/L	SingleVal				NoDis			NoDis			NoDis			
Temperature, Water (C)	Deg C	SingleVal				NoDis			NoDis			NoDis			

Ground Water Station GW005 (Tailings Basin West Cell Well H-3)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Copper, Dissolved (as Cu)	ug/L	SingleVal				1.1			1.08			1.0			1.06
Elevation of GW Relative to Mean Sea Level	feet	SingleVal				1601.6			1601.1			1600.9			1,601.2
Nickel, Dissolved (as Ni)	ug/L	SingleVal				3.6			<2			4.2			3.9
pH, Field	SU	SingleVal				7.5			7.4			7.2			7.367
Specific Conductance, Field	umh/cm	SingleVal				1278			1116			1294			1,229.333
Sulfate, Total (as SO4)	mg/L	SingleVal				319			298			353			323.333
Temperature, Water (C)	Deg C	SingleVal				14.5			18.3			13.2			15.333

Ground Water Station GW006 (New well NNW of tailings basin)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Boron, Dissolved (as B)	600 ug/L	InstantMax				490			463			531			494.667
Chloride, Total	*250* mg/L	InstMaxInt				19			17			16			17.333
Elevation of GW Relative to Mean Sea Level	feet	SingleVal				1487.6			1486.5			1486.4			1,486.833
Fluoride, Total (as F)	4.0 mg/L	InstantMax				2.0			1.9			2.0			1.967
Manganese, Dissolved (as Mn)	1000 ug/L	InstantMax				920			1040			1010			990.0

Note: a limit in the Limit and Units column which is demarcated by asterisks is an Intervention limit, not a hard, violation-causing limit.

DMR Summary Report

Cliffs Erie - HL Tailings Basin Area (MN0054089)
First DMR in Delta: 7/1999

Ground Water Station GW006 (New well NNW of tailings basin)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Molybdenum, Dissolved (as Mo)	30 ug/L	InstantMax				28			27.4			27			27.467
pH, Field	SU	SingleVal				7.2			7.0			7.1			7.1
Solids, Total Dissolved (TDS)	*500* mg/L	InstMaxInt				1380			1204			1386			1,323.333
Specific Conductance, Field	umh/cm	SingleVal				1818			1827			2078			1,907.667
Sulfate, Total (as SO4)	*250* mg/L	InstMaxInt				504			490			524			506.0
Temperature, Water (C)	Deg C	SingleVal				6.6			10.7			12.1			9.8

Ground Water Station GW007 (New well WNW of tailings basin)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Boron, Dissolved (as B)	600 ug/L	InstantMax				394			396			409			399.667
Chloride, Total	*250* mg/L	InstMaxInt				28			28.7			28			28.233
Elevation of GW Relative to Mean Sea Level	feet	SingleVal				1505.9			1505.7			1505.9			1,505.833
Fluoride, Total (as F)	4.0 mg/L	InstantMax				1.9			1.9			1.9			1.9
Manganese, Dissolved (as Mn)	1000 ug/L	InstantMax				1270			1400			1150			1,273.333
Molybdenum, Dissolved (as Mo)	30 ug/L	InstantMax				29.5			31			30			30.167
pH, Field	SU	SingleVal				7.5			7.4			7.5			7.467
Solids, Total Dissolved (TDS)	*500* mg/L	InstMaxInt				592			585			545			574.0
Specific Conductance, Field	umh/cm	SingleVal				931			862			911			901.333
Sulfate, Total (as SO4)	*250* mg/L	InstMaxInt				173			161			151			161.667
Temperature, Water (C)	Deg C	SingleVal				5.9			9.8			9.3			8.333

Ground Water Station GW008 (New well SW of tailings basin)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Boron, Dissolved (as B)	600 ug/L	InstantMax				<50			<50			<50			
Chloride, Total	*250* mg/L	InstMaxInt				0.8			0.84			0.8			0.813
Elevation of GW Relative to Mean Sea Level	feet	SingleVal				1559.2			1557.6			1557.2			1,558.0
Fluoride, Total (as F)	4.0 mg/L	InstantMax				<0.1			<0.1			<0.1			
Manganese, Dissolved (as Mn)	1000 ug/L	InstantMax				18			59			20			32.333
Molybdenum, Dissolved (as Mo)	30 ug/L	InstantMax				0.2			<1.1			0.2			0.2
pH, Field	SU	SingleVal				6.7			6.5			7.2			6.8
Solids, Total Dissolved (TDS)	*500* mg/L	InstMaxInt				163			197			197			185.667
Specific Conductance, Field	umh/cm	SingleVal				232			222			293			249.0

Note: a limit in the Limit and Units column which is demarcated by asterisks is an Intervention limit, not a hard, violation-causing limit.

DMR Summary Report

Cliffs Erie - HL Tailings Basin Area (MN0054089)

First DMR in Delta: 7/1999

Ground Water Station GW008 (New well SW of tailings basin)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Sulfate, Total (as SO4)	*250* mg/L	InstMaxInt				16			15.1			16			15.7
Temperature, Water (C)	Deg C	SingleVal				5.2			10.7			13.8			9.9

Surface Discharge Station SD001 (NW Seepage Collection Ditch)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Bicarbonates (HCO3)	305 mg/L	CalMoAvg			441			298			454			398	397.75
Bicarbonates (HCO3)	mg/L	CalMoMax			441			298			454			398	397.75
Boron, Total (as B)	500 ug/L	CalMoAvg			342			336			383			272	333.25
Boron, Total (as B)	ug/L	CalMoMax			342			336			383			272	333.25
Calcium, Total (as Ca)	mg/L	CalMoMax									50.4				50.4
Cations, Total	meq/L	CalMoMax									11				11.0
Cobalt, Total (as Co)	ug/L	CalMoMax			<0.2			<0.2			<0.2			0.26	0.26
Fluoride, Total (as F)	mg/L	CalMoMax			1.8			1.1			1.38			1.31	1.398
Hardness, Carbonate (as CaCo3)	250 mg/L	CalMoAvg			441			298			454			398	397.75
Hardness, Carbonate (as CaCo3)	mg/L	CalMoMax			441			298			454			398	397.75
Iron, Dissolved (as Fe)	1.0 mg/L	CalMoAvg			0.1			0.4			0.1			0.79	0.348
Iron, Dissolved (as Fe)	2.0 mg/L	CalMoMax			0.1			0.4			0.1			0.79	0.348
Magnesium, Total (as Mg)	mg/L	CalMoMax									80.4				80.4
Manganese, Total (as Mn)	ug/L	CalMoMax			86			98			206			2370	690.0
Mercury, Total (as Hg)	ug/L	CalMoMax				0.0037		0.003		0.0014		0.0009			0.002
pH, Field	8.5 SU	InstantMax			7.6			7.7			7.2			7.1	7.4
pH, Field	6.5 SU	InstantMin			7.6			7.7			7.2			7.1	7.4
Potassium, Total (as K)	mg/L	CalMoMax									2.28				2.28
Salinity, Total	mg/L	CalMoMax			700			400			0.4			600	425.1
Sodium, % Total Cations in meq/L	%	CalMoMax									23.7				23.7
Sodium, Total (as Na)	mg/L	CalMoMax									41.4				41.4
Solids, Total Suspended (TSS)	20 mg/L	CalMoAvg			2			5			6			8	5.25
Solids, Total Suspended (TSS)	30 mg/L	CalMoMax			2			5			6			8	5.25
Specific Conductance, Field	1000 umh/cm	CalMoAvg			1396			892			979			1330	1,149.25
Specific Conductance, Field	umh/cm	CalMoMax			1396			892			979			1330	1,149.25
Turbidity	25 NTU	CalMoAvg			2			2			1.4			5	2.6
Turbidity	NTU	CalMoMax			2			2			1.4			5	2.6

Note: a limit in the Limit and Units column which is demarcated by asterisks is an Intervention limit, not a hard, violation-causing limit.

Cliffs Erie - HL Tailings Basin Area (MN0054089)

First DMR in Delta: 7/1999

Surface Discharge Station SD002 (NE Seepage Collection Ditch)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Bicarbonates (HCO3)	305 mg/L	CalMoAvg			481			419			493			526	479.75
Bicarbonates (HCO3)	mg/L	CalMoMax			481			419			493			526	479.75
Boron, Total (as B)	500 ug/L	CalMoAvg			281			325			352			341	324.75
Boron, Total (as B)	ug/L	CalMoMax			281			325			352			341	324.75
Calcium, Total (as Ca)	mg/L	CalMoMax									78.2				78.2
Cations, Total	meq/L	CalMoMax									14				14.0
Cobalt, Total (as Co)	ug/L	CalMoMax			0.22			0.23			0.3			0.32	0.268
Fluoride, Total (as F)	mg/L	CalMoMax			1.4			1.5			1.63			1.8	1.582
Hardness, Carbonate (as CaCo3)	250 mg/L	CalMoAvg			481			419			493			526	479.75
Hardness, Carbonate (as CaCo3)	mg/L	CalMoMax			481			419			493			526	479.75
Iron, Dissolved (as Fe)	1.0 mg/L	CalMoAvg			0.1			<0.05			<0.05			0.1	0.1
Iron, Dissolved (as Fe)	2.0 mg/L	CalMoMax			0.1			<0.05			<0.05			0.1	0.1
Magnesium, Total (as Mg)	mg/L	CalMoMax									90.4				90.4
Manganese, Total (as Mn)	ug/L	CalMoMax			1740			1120			2110			1460	1,607.5
Mercury, Total (as Hg)	ug/L	CalMoMax				0.001		0.0015		0.0006		0.0011			0.001
pH, Field	8.5 SU	InstantMax			7.4			7.3			7.3			7.3	7.325
pH, Field	6.5 SU	InstantMin			7.4			7.3			7.3			7.3	7.325
Potassium, Total (as K)	mg/L	CalMoMax									5.83				5.83
Salinity, Total	mg/L	CalMoMax			600			600			0.6			700	475.15
Sodium, % Total Cations in meq/L	%	CalMoMax									28.8				28.8
Sodium, Total (as Na)	mg/L	CalMoMax									70.6				70.6
Solids, Total Suspended (TSS)	20 mg/L	CalMoAvg			4			4			3			6	4.25
Solids, Total Suspended (TSS)	30 mg/L	CalMoMax			4			4			3			6	4.25
Specific Conductance, Field	1000 umh/cm	CalMoAvg			1253			1278			1321			1272	1,281.0
Specific Conductance, Field	umh/cm	CalMoMax			1253			1278			1321			1272	1,281.0
Turbidity	25 NTU	CalMoAvg			4			3			2.0			4	3.25
Turbidity	NTU	CalMoMax			4			3			2.0			4	3.25

Surface Discharge Station SD004 (Tailings Basin Cell 2W Seep A)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Bicarbonates (HCO3)	305 mg/L	CalMoAvg			521			537			NoDis			NoDis	529.0
Bicarbonates (HCO3)	mg/L	CalMoMax			521			537			NoDis			NoDis	529.0
Boron, Total (as B)	500 ug/L	CalMoAvg			491			523			NoDis			NoDis	507.0
Boron, Total (as B)	ug/L	CalMoMax			491			523			NoDis			NoDis	507.0

Note: a limit in the Limit and Units column which is demarcated by asterisks is an Intervention limit, not a hard, violation-causing limit.

Cliffs Erie - HL Tailings Basin Area (MN0054089)

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Surface Discharge Station SD004 (Tailings Basin Cell 2W Seep A)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Calcium, Total (as Ca)	mg/L	CalMoMax									NoDis				
Cations, Total	meq/L	CalMoMax									NoDis				
Cobalt, Total (as Co)	ug/L	CalMoMax			0.93			1.2			NoDis			NoDis	1.065
Flow	MG	CalMoTot			0.13			0.17			NoDis			NoDis	0.15
Flow	mgd	CalMoMax			0.0043			0.0058			NoDis			NoDis	0.005
Fluoride, Total (as F)	mg/L	CalMoMax			1.7			1.7			NoDis			NoDis	1.7
Hardness, Carbonate (as CaCo3)	250 mg/L	CalMoAvg			521			537			NoDis			NoDis	529.0
Hardness, Carbonate (as CaCo3)	mg/L	CalMoMax			521			537			NoDis			NoDis	529.0
Iron, Dissolved (as Fe)	1.0 mg/L	CalMoAvg			5.6			5.7			NoDis			NoDis	5.65
Iron, Dissolved (as Fe)	2.0 mg/L	CalMoMax			5.6			5.7			NoDis			NoDis	5.65
Magnesium, Total (as Mg)	mg/L	CalMoMax									NoDis				
Manganese, Total (as Mn)	ug/L	CalMoMax			542			600			NoDis			NoDis	571.0
Mercury, Total (as Hg)	ug/L	CalMoMax				<0.0005		<0.0005		NoDis		NoDis			
pH, Field	8.5 SU	InstantMax			7.4			7.3			NoDis			NoDis	7.35
pH, Field	6.5 SU	InstantMin			7.4			7.3			NoDis			NoDis	7.35
Potassium, Total (as K)	mg/L	CalMoMax									NoDis				
Salinity, Total	mg/L	CalMoMax			900			900			NoDis			NoDis	900.0
Sodium, % Total Cations in meq/L	%	CalMoMax									NoDis				
Sodium, Total (as Na)	mg/L	CalMoMax									NoDis				
Solids, Total Suspended (TSS)	20 mg/L	CalMoAvg			23			18			NoDis			NoDis	20.5
Solids, Total Suspended (TSS)	30 mg/L	CalMoMax			23			18			NoDis			NoDis	20.5
Specific Conductance, Field	1000 umh/cm	CalMoAvg			1702			1745			NoDis			NoDis	1,723.5
Specific Conductance, Field	umh/cm	CalMoMax			1702			1745			NoDis			NoDis	1,723.5
Turbidity	25 NTU	CalMoAvg			90			80			NoDis			NoDis	85.0
Turbidity	NTU	CalMoMax			90			80			NoDis			NoDis	85.0

Surface Discharge Station SD005 (Tailings Basin Cell 2W Seep B)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Bicarbonates (HCO3)	305 mg/L	CalMoAvg			NoDis			NoDis			NoDis			NoDis	
Bicarbonates (HCO3)	mg/L	CalMoMax			NoDis			NoDis			NoDis			NoDis	
Boron, Total (as B)	500 ug/L	CalMoAvg			NoDis			NoDis			NoDis			NoDis	
Boron, Total (as B)	ug/L	CalMoMax			NoDis			NoDis			NoDis			NoDis	
Calcium, Total (as Ca)	mg/L	CalMoMax									NoDis				
Cations, Total	meq/L	CalMoMax									NoDis				

Note: a limit in the Limit and Units column which is demarcated by asterisks is an Intervention limit, not a hard, violation-causing limit.

DMR Summary Report

Cliffs Erie - HL Tailings Basin Area (MN0054089)

First DMR in Delta: 7/1999

Surface Discharge Station SD005 (Tailings Basin Cell 2W Seep B)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Cobalt, Total (as Co)	ug/L	CalMoMax			NoDis			NoDis			NoDis			NoDis	
Flow	MG	CalMoTot			NoDis			NoDis			NoDis			NoDis	
Flow	mgd	CalMoMax			NoDis			NoDis			NoDis			NoDis	
Fluoride, Total (as F)	mg/L	CalMoMax			NoDis			NoDis			NoDis			NoDis	
Hardness, Carbonate (as CaCo3)	250 mg/L	CalMoAvg			NoDis			NoDis			NoDis			NoDis	
Hardness, Carbonate (as CaCo3)	mg/L	CalMoMax			NoDis			NoDis			NoDis			NoDis	
Iron, Dissolved (as Fe)	1.0 mg/L	CalMoAvg			NoDis			NoDis			NoDis			NoDis	
Iron, Dissolved (as Fe)	2.0 mg/L	CalMoMax			NoDis			NoDis			NoDis			NoDis	
Magnesium, Total (as Mg)	mg/L	CalMoMax									NoDis				
Manganese, Total (as Mn)	ug/L	CalMoMax			NoDis			NoDis			NoDis			NoDis	
Mercury, Total (as Hg)	ug/L	CalMoMax				NoDis		NoDis		NoDis		NoDis			
pH, Field	8.5 SU	InstantMax			NoDis			NoDis			NoDis			NoDis	
pH, Field	6.5 SU	InstantMin			NoDis			NoDis			NoDis			NoDis	
Potassium, Total (as K)	mg/L	CalMoMax									NoDis				
Salinity, Total	mg/L	CalMoMax			NoDis			NoDis			NoDis			NoDis	
Sodium, % Total Cations in meq/L	%	CalMoMax									NoDis				
Sodium, Total (as Na)	mg/L	CalMoMax									NoDis				
Solids, Total Suspended (TSS)	20 mg/L	CalMoAvg			NoDis			NoDis			NoDis			NoDis	
Solids, Total Suspended (TSS)	30 mg/L	CalMoMax			NoDis			NoDis			NoDis			NoDis	
Specific Conductance, Field	1000 umh/cm	CalMoAvg			NoDis			NoDis			NoDis			NoDis	
Specific Conductance, Field	umh/cm	CalMoMax			NoDis			NoDis			NoDis			NoDis	
Turbidity	25 NTU	CalMoAvg			NoDis			NoDis			NoDis			NoDis	
Turbidity	NTU	CalMoMax			NoDis			NoDis			NoDis			NoDis	

Surface Discharge Station SD006 (Power Line Access Road Culvert)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Bicarbonates (HCO3)	305 mg/L	CalMoAvg			564			395			NoDis			NoDis	479.5
Bicarbonates (HCO3)	mg/L	CalMoMax			564			395			NoDis			NoDis	479.5
Boron, Total (as B)	500 ug/L	CalMoAvg			412			330			NoDis			NoDis	371.0
Boron, Total (as B)	ug/L	CalMoMax			412			330			NoDis			NoDis	371.0
Calcium, Total (as Ca)	mg/L	CalMoMax									NoDis				
Cations, Total	meq/L	CalMoMax									NoDis				
Cobalt, Total (as Co)	ug/L	CalMoMax			0.4			0.3			NoDis			NoDis	0.35
Flow	MG	CalMoTot			63			13			NoDis			NoDis	38.0

Note: a limit in the Limit and Units column which is demarcated by asterisks is an Intervention limit, not a hard, violation-causing limit.

DMR Summary Report

Cliffs Erie - HL Tailings Basin Area (MN0054089)

First DMR in Delta: 7/1999

Surface Discharge Station SD006 (Power Line Access Road Culvert)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Flow	mgd	CalMoMax			2.0			0.4			NoDis		NoDis		1.2
Fluoride, Total (as F)	mg/L	CalMoMax			2.8			1.9			NoDis		NoDis		2.35
Hardness, Carbonate (as CaCo3)	250 mg/L	CalMoAvg			564			395			NoDis		NoDis		479.5
Hardness, Carbonate (as CaCo3)	mg/L	CalMoMax			564			395			NoDis		NoDis		479.5
Iron, Dissolved (as Fe)	1.0 mg/L	CalMoAvg			0.2			0.4			NoDis		NoDis		0.3
Iron, Dissolved (as Fe)	2.0 mg/L	CalMoMax			0.2			0.4			NoDis		NoDis		0.3
Magnesium, Total (as Mg)	mg/L	CalMoMax									NoDis				
Manganese, Total (as Mn)	ug/L	CalMoMax			439			172			NoDis		NoDis		305.5
Mercury, Total (as Hg)	ug/L	CalMoMax				0.0015		0.0007		NoDis		NoDis			0.001
pH, Field	8.5 SU	InstantMax			7.5			7.9			NoDis		NoDis		7.7
pH, Field	6.5 SU	InstantMin			7.5			7.9			NoDis		NoDis		7.7
Potassium, Total (as K)	mg/L	CalMoMax									NoDis				
Salinity, Total	mg/L	CalMoMax			800			600			NoDis		NoDis		700.0
Sodium, % Total Cations in meq/L	%	CalMoMax									NoDis				
Sodium, Total (as Na)	mg/L	CalMoMax									NoDis				
Solids, Total Suspended (TSS)	20 mg/L	CalMoAvg			2			5			NoDis		NoDis		3.5
Solids, Total Suspended (TSS)	30 mg/L	CalMoMax			2			5			NoDis		NoDis		3.5
Specific Conductance, Field	1000 umh/cm	CalMoAvg			1631			1176			NoDis		NoDis		1,403.5
Specific Conductance, Field	umh/cm	CalMoMax			1631			1176			NoDis		NoDis		1,403.5
Toxicity, Whole Effluent (Chronic)	1.0 TUc	InstantMax									NoDis				
Turbidity	25 NTU	CalMoAvg			3			1.5			NoDis		NoDis		2.25
Turbidity	NTU	CalMoMax			3			1.5			NoDis		NoDis		2.25

Surface Water Station SW003 (Site 3, unnamed crk trib to Embarrass R)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Chloride, Total	mg/L	SingleVal			26			10.4			14.7			33.4	21.125
Flow, Stream, Instantaneous	cfs	SingleVal			5.6			2.4			0.3			0.22	2.13
pH, Field	SU	SingleVal			7.5			7.6			7.7			7.7	7.625
Solids, Total Dissolved (TDS)	mg/L	SingleVal			841			455			528			885	677.25
Specific Conductance, Field	umh/cm	SingleVal			139			671			904			924	659.5
Sulfate, Total (as SO4)	mg/L	SingleVal			252			92			53.2			250	161.8
Temperature, Water (C)	Deg C	SingleVal			0			16.9			11.2			2.1	7.55

Note: a limit in the Limit and Units column which is demarcated by asterisks is an Intervention limit, not a hard, violation-causing limit.

DMR Summary Report

Cliffs Erie - HL Tailings Basin Area (MN0054089)

First DMR in Delta: 7/1999

Surface Water Station SW004 (Embarrass R at CR 620 [Salo Rd] bridge)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Chloride, Total	mg/L	CalMoMax			3.5			3.0			2.49			6.42	3.853
Flow, Stream, Instantaneous	cfs	CalMoMax			7.6			2.2			1.2			1.05	3.013
Manganese, Total (as Mn)	ug/L	CalMoMax			425			241			1020			1390	769.0
pH, Field	SU	InstantMax			7.7			7.3			7.3			6.9	7.3
pH, Field	SU	InstantMin			7.7			7.3			7.3			6.9	7.3
Specific Conductance, Field	umh/cm	CalMoMax			171			90			273			145	169.75
Sulfate, Total (as SO4)	mg/L	CalMoMax			1.7			<1			22.5			2.5	8.9
Temperature, Water (C)	Deg C	CalMoMax			0.1			15.4			10.8			1.6	6.975

Surface Water Station SW005 (Embarrass R at Hwy 135 Bridge, White Twp)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Chloride, Total	mg/L	CalMoMax			8.5			3.4			3.7			11.8	6.85
Flow, Stream, Instantaneous	cfs	CalMoMax			21			43.4			1.6			4.9	17.725
pH, Field	SU	InstantMax			7.5			7.6			8.1			7.0	7.55
pH, Field	SU	InstantMin			7.5			7.6			8.1			7.0	7.55
Specific Conductance, Field	umh/cm	CalMoMax			568			184			303			387	360.5
Sulfate, Total (as SO4)	mg/L	CalMoMax			95			17			7.25			85.5	51.188
Temperature, Water (C)	Deg C	CalMoMax			0.1			17.3			12.9			2.5	8.2

Waste Stream Station WS001 (NW side of Emergency Basin)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Elevation of Water Level Relative to Ref Point	feet	CalMoAvg	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo
Elevation of Water Level Relative to Ref Point	feet	CalMoMax	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo

Waste Stream Station WS002 (NW Seepage Coll Return Pumping to TB)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Flow	MG	CalMoTot	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo

Note: a limit in the Limit and Units column which is demarcated by asterisks is an Intervention limit, not a hard, violation-causing limit.

DMR Summary Report

Cliffs Erie - HL Tailings Basin Area (MN0054089)

First DMR in Delta: 7/1999

Waste Stream Station WS003 (NE Seepage Coll Return Pumping to TB)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Flow	MG	CalMoTot	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	

Waste Stream Station WS007 (Treated sewage to Emergency Basin)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
BOD, Carbonaceous 05 Day (20 Deg C)	9.9 kg/day	CalMoAvg	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
BOD, Carbonaceous 05 Day (20 Deg C)	16 kg/day	MxCaIWkAvg	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
BOD, Carbonaceous 05 Day (20 Deg C)	25 mg/L	CalMoAvg	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
BOD, Carbonaceous 05 Day (20 Deg C)	40 mg/L	MxCaIWkAvg	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
Chlorine, Total Residual	mg/L	DailyMax	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
Fecal Coliform, MPN or Membrane Filter 44.5C	200 #100ml	CalMoGeoMn					NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo			
Fecal Coliform, MPN or Membrane Filter 44.5C	#100ml	MxCaIWkAvg					NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo			
Flow	MG	CalMoTot	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
Flow	mgd	CalMoAvg	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
Flow	mgd	CalMoMax	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
pH, Field	9.0 SU	InstantMax	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
pH, Field	6.0 SU	InstantMin	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
Solids, Total Suspended (TSS)	12 kg/day	CalMoAvg	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
Solids, Total Suspended (TSS)	18 kg/day	MxCaIWkAvg	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
Solids, Total Suspended (TSS)	30 mg/L	CalMoAvg	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	
Solids, Total Suspended (TSS)	45 mg/L	MxCaIWkAvg	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	NoFlo	

Waste Stream Station WS009 (Culvert under RR grade, NE side Cell 1E)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Boron, Total (as B)	ug/L	CalMoMax				30			58.8			NoFlo			44.4
Flow	MG	CalMoTot				38			0.099			NoFlo			19.05
Flow	mgd	CalMoMax				1.3			0.003			NoFlo			0.652
Molybdenum, Total (as Mo)	ug/L	CalMoMax				0.49			2.85			NoFlo			1.67
Specific Conductance, Field	umh/cm	CalMoMax				130			452			NoFlo			291.0
Sulfate, Total (as SO4)	mg/L	CalMoMax				10			7.16			NoFlo			8.58

Note: a limit in the Limit and Units column which is demarcated by asterisks is an Intervention limit, not a hard, violation-causing limit.

DMR Summary Report

Cliffs Erie - HL Tailings Basin Area (MN0054089)
First DMR in Delta: 7/1999

Waste Stream Station WS011 (Tailings Basin Seep 1)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Flow	MG	CalMoTot				NoFlo			NoFlo			NoFlo			
Flow	mgd	CalMoMax				NoFlo			NoFlo			NoFlo			
pH, Field	SU	InstantMax				NoFlo			NoFlo			NoFlo			
pH, Field	SU	InstantMin				NoFlo			NoFlo			NoFlo			
Specific Conductance, Field	umh/cm	CalMoMax				NoFlo			NoFlo			NoFlo			

Waste Stream Station WS012 (Tailings Basin Seep 2)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Flow	MG	CalMoTot				NoFlo			NoFlo			NoFlo			
Flow	mgd	CalMoMax				NoFlo			NoFlo			NoFlo			
pH, Field	SU	InstantMax				NoFlo			NoFlo			NoFlo			
pH, Field	SU	InstantMin				NoFlo			NoFlo			NoFlo			
Specific Conductance, Field	umh/cm	CalMoMax				NoFlo			NoFlo			NoFlo			

Waste Stream Station WS013 (Tailings Basin Seep 3)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
Bicarbonates (HCO3)	mg/L	CalMoMax				NoFlo			NoFlo			NoFlo			
Boron, Total (as B)	ug/L	CalMoMax				NoFlo			NoFlo			NoFlo			
Calcium, Total (as Ca)	mg/L	CalMoMax							NoFlo						
Cations, Total	meq/L	CalMoMax							NoFlo						
Cobalt, Total (as Co)	ug/L	CalMoMax				NoFlo			NoFlo			NoFlo			
Copper, Total (as Cu)	ug/L	CalMoMax				NoFlo			NoFlo			NoFlo			
Flow	MG	CalMoTot				NoFlo			NoFlo			NoFlo			
Flow	mgd	CalMoMax				NoFlo			NoFlo			NoFlo			
Fluoride, Total (as F)	mg/L	CalMoMax				NoFlo			NoFlo			NoFlo			
Hardness, Carbonate (as CaCo3)	mg/L	CalMoMax				NoFlo			NoFlo			NoFlo			
Magnesium, Total (as Mg)	mg/L	CalMoMax							NoFlo						
Manganese, Total (as Mn)	ug/L	CalMoMax				NoFlo			NoFlo			NoFlo			
Mercury, Total (as Hg)	ug/L	CalMoMax				NoFlo			NoFlo			NoFlo			
Molybdenum, Total (as Mo)	ug/L	CalMoMax				NoFlo			NoFlo			NoFlo			
Nickel, Total (as Ni)	ug/L	CalMoMax				NoFlo			NoFlo			NoFlo			
Nickel, Total (as Ni)	ug/L	CalMoMax				NoFlo			NoFlo			NoFlo			

Note: a limit in the Limit and Units column which is demarcated by asterisks is an Intervention limit, not a hard, violation-causing limit.

DMR Summary Report

Cliffs Erie - HL Tailings Basin Area (MN0054089)

First DMR in Delta: 7/1999

Waste Stream Station WS013 (Tailings Basin Seep 3)

<u>Parameter Name</u>	<u>Limit and Units</u>	<u>Limit Type</u>	<u>1/11</u>	<u>2/11</u>	<u>3/11</u>	<u>4/11</u>	<u>5/11</u>	<u>6/11</u>	<u>7/11</u>	<u>8/11</u>	<u>9/11</u>	<u>10/11</u>	<u>11/11</u>	<u>12/11</u>	<u>Ave</u>
pH, Field	SU	InstantMax				NoFlo			NoFlo			NoFlo			
pH, Field	SU	InstantMin				NoFlo			NoFlo			NoFlo			
Potassium, Total (as K)	mg/L	CalMoMax							NoFlo						
Salinity, Total	mg/L	CalMoMax				NoFlo			NoFlo			NoFlo			
Sodium, % Total Cations in meq/L	%	CalMoMax							NoFlo						
Sodium, Total (as Na)	mg/L	CalMoMax							NoFlo						
Solids, Total Suspended (TSS)	mg/L	CalMoMax				NoFlo			NoFlo			NoFlo			
Specific Conductance, Field	umh/cm	CalMoMax				NoFlo			NoFlo			NoFlo			
Sulfate, Total (as SO4)	mg/L	CalMoMax				NoFlo			NoFlo			NoFlo			

Note: a limit in the Limit and Units column which is demarcated by asterisks is an Intervention limit, not a hard, violation-causing limit.