

J. L. Storedahl & Sons, Inc.

Daybreak Mine

SW A (Pond 5) MEM-03 Monitoring Record – Page 1 of 5

Year 2015

SW A (Pond 5)

Month	Date	Temperature (°C)	Flow (GPM)	DO	Staff Gauge Reading	Water Level (Elev. AMSL)
April	1	14.3		12.18		30.91
	2	14.3		12.29		30.91
	3	14.3		12.24		28.83
	4	14.3		13.61		30.87
	5	14.4		13.09		30.86
	6	13.9		14.02		30.84
	7	14.4		14.53		30.84
	10	13.9		14.29		30.82
	13	14.0		13.92		30.86
	14	14.1		13.88		30.92
	15	14.4		13.94		30.90
	16	14.3		13.76		30.86
	17	14.3		13.70		30.81
	20	14.4		12.94		30.80
	21	14.5		12.50		30.78
	22	14.4		12.47		30.80
	23	14.6		12.55		30.79
	24	14.7		12.48		30.77
	27	14.6		12.49		30.77
	28	14.8		11.93		30.76
	29	15.0		11.78		30.84
	30	15.5		11.66		30.83

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Year 2015

SW A (Pond 5)

MAY

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Year 2015

SW A (Pond 5)						
Month	Date	Temperature (°C)	Flow (GPM)	DO <i>MCL</i>	Staff Gauge Reading	Water Level (Elev. AMSL)
JUN	1	18.4		10.31		30.42
	2	18.6		10.64		30.36
	3	18.8		10.35		30.30
	4	18.7		10.26		30.27
	5	18.8		10.18		30.31
	8	18.9		10.11		30.29
	9	18.8		10.01		30.28
	10	19.0		10.19		30.27
	11	19.1		10.06		30.24
	12	19.0		10.00		30.25
	15	19.1		9.95		30.23
	16	19.2		9.90		30.24
	17	19.4		9.80		30.23
	18	19.5		9.90		30.21
	19	19.6		9.81		30.22
	22	19.6		9.79		30.20
	23	20.0		9.73		30.19
	24	20.2		9.70		30.21
	25	20.5		9.65		30.21
	26	20.4		9.59		30.18
	29	20.9		9.43		30.20
	30	21.6		9.31		30.20

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SW A (Pond 5)						
Month	Date	Temperature (°C)	Flow (GPM)	DO <i>Meq</i>	Staff Gauge Reading	Water Level (Elev. AMSL)
JUL	1	21.7		9.22		30.18
	2	21.9		9.06		30.19
	3	21.8		8.81		30.21
	4	22.3		8.73		30.21
	7	22.6		8.59		30.21
	8	22.9		8.41		30.20
	9	23.4		8.29		30.22
	10	23.6		8.16		30.21
	13	24.0		8.01		30.21
	14	24.1		7.49		30.19
	15	24.4		7.32		30.18
	16	24.7		7.19		30.19
	17	24.9		7.08		30.20
	20	25.0		7.01		30.21
	21	25.1		6.99		30.21
	22	25.0		6.85		30.20
	23	24.8		6.71		30.19
	24	24.9		6.69		30.19
	27	24.7		6.58		30.21
	28	24.8		6.65		30.20
	29	24.7		6.81		30.20
	30	24.9		6.79		30.21
	31	25.0		6.83		30.22

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SW A (Pond 5)						
Month	Date	Temperature (°C)	Flow (GPM)	DO <i>MGL</i>	Staff Gauge Reading	Water Level (Elev. AMSL)
AUG	3	25.2		6.49		30.21
	4	25.4		6.55		30.21
	5	25.1		6.61		30.19
	6	25.1		6.66		30.20
	7	25.0		6.79		30.20
	10	24.9		6.80		30.21
	11	24.8		6.86		30.22
	12	24.7		6.88		30.20
	13	24.7		6.90		30.20
	14	24.8		6.91		30.23
	17	24.7		6.88		30.22
	18	24.4		6.81		30.22
	19	24.5		6.90		30.23
	20	24.4		6.83		30.23
	21	24.3		6.79		30.21
	24	24.1		6.81		30.22
	25	24.0		6.78		30.22
	26	23.9		6.75		30.21
	27	23.9		6.80		30.23
	28	23.8		6.73		30.23

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Month	Date	Temperature (°C)	Flow (GPM)	DO <i>mol</i>	Staff Gauge Reading	Water Level (Elev. AMSL)
SEP	1	23.5		6.82		30.24
	2	23.1		6.89		30.23
	3	23.0		6.93		30.22
	4	23.0		6.90		30.23
	8	22.8		6.95		30.23
	9	22.4		6.99		30.24
	10	22.2		7.04		30.22
	11	22.0		7.10		30.23
	14	21.8		7.08		30.24
	15	21.6		7.14		30.24
	16	21.1		7.19		30.25
	17	20.5		7.26		30.26
	18	20.6		7.24		30.25
	21	20.1		7.29		30.26
	22	19.8		7.35		30.26
	23	19.5		7.39		30.27
	24	19.3		7.44		30.27
	25	19.0		7.56		30.28
	28	18.9		7.66		30.28
	29	18.7		7.73		30.29
	30	18.6		7.86		30.29