

Jerry L. Storedahl, Owner



Office: (360) 636-2420
FAX: (360) 577-3906

2233 Talley Way • Kelso, Washington 98626

ROCK PRODUCTS, GRADING & EXCAVATING

April 25, 2011

Department of Ecology
Water Quality Permit Coordinator
P.O. Box 47600
Olympia, WA 98504-7600

Dear Sirs,

Please find with this cover letter, Discharge Monitoring Reports (DMR's) from J.L. Storedahl and Sons, Inc. for the first quarter of 2011.

They include:

WAG-50-1359

Daybreak Pit

Thank you for your time. If you have any questions or concerns please feel free to contact me at my office at (360)636-2420 or on my cell at (360)957-3555.

Sincerely,

A handwritten signature in black ink that reads 'Brian K. Sanders'. The signature is written in a cursive, flowing style.

Brian K. Sanders
Environmental Coordinator

WAG-50-1359

SAND AND GRAVEL GENERAL PERMIT

DISCHARGE MONITORING REPORT Form 3B

Stormwater to Surface Water – NAICS Code 212311 (Dimension Stone Mining & Quarrying), 212321 (Construction Sand & Gravel Mining), 212322 (Industrial Sand Mining).

NAME/ FACILITY: Jl Storedahl & Sons Daybreak PitLOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

DISCHARGE MONITORING POINT SWA MONITORING PERIOD FROM: 1/1/2011 TO: 3/31/2011

QUARTERLY MONITORING	☐ There was NO discharge at any time during the quarter OR				
	Nitrate + Nitrite	QUARTERLY AVERAGE	Units	# of samples	
		<u>N/A</u>	mg/L		
MONTHLY MONITORING	☐ There was NO discharge at any time during the month OR				
<u>JANUARY</u> MONTH	SAMPLE DATE (MM/DD/YYYY)	TURBIDITY (NTUs)		☐ Check if only ONE discharge during the month	
	<u>1/6/2011</u>	<u>5.1</u>			
	<u>1/19/2011</u>	<u>4.4</u>			
	SUMMARY AVERAGE = <u>4.8</u> MAXIMUM = <u>5.1</u>				
	<u>FEBRUARY</u> MONTH	☐ There was NO discharge at any time during the month OR			
<u>2/10/2011</u>		<u>3.7</u>		☐ Check if only ONE discharge during the month	
<u>2/23/2011</u>		<u>3.7</u>			
SUMMARY AVERAGE = <u>3.7</u> MAXIMUM = <u>3.7</u>					
☐ There was NO discharge at any time during the month OR					
<u>MARCH</u> MONTH	<u>3/3/2011</u>	<u>5.9</u>		☐ Check if only ONE discharge during the month	
	<u>3/17/2011</u>	<u>5.3</u>			
	SUMMARY AVERAGE = <u>5.6</u> MAXIMUM = <u>5.9</u>				
	☐ There was NO discharge at any time during the month OR				
	Daily Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____		
☒ No		2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet.			
LIMITS	Parameter	Permit Requirement		Units	Frequency
	Nitrate + Nitrite*	0.68 mg/L average		mg/L	Quarterly
	Turbidity	50 average	71 maximum	NTU	2x month
	Oil Sheen**	No discharge of sheen to surface waters		Yes/No	Daily

* *Quarterly nitrate/nitrite monitoring and limit applicable only when blasting is used at the facility (within 2 years prior to sample date). If monitoring is not applicable place NA for average.*

** *Daily monitoring for visible oil sheen is required at all discharge points (or representative locations where water collects prior to discharge) each day that equipment operates.*

For NAICS Code 212311, 212321, 212322: Twice-monthly monitoring for turbidity is required if the discharge is to surface water and includes only stormwater. Unless there was no discharge during a month, there must be at least one sample and analysis for turbidity. Report the highest turbidity value as the "Maximum Daily" and the average of the turbidity samples as "Monthly Average". If there was only one discharge during the month the "Maximum Daily" and the "Monthly Average" will be the same value.

Be sure to include the name of the discharge point at the top of the form.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)	
<u>BRIAN K SANDERS</u> NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)	<u>4/25/2011</u> DATE: MO DAY YEAR
<u>Brian K Sanders ENVIRON</u> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	<u>360-636-2420</u> TELEPHONE NUMBER
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):	

Noncompliance notification - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition **S6. E.** on page **26** for additional requirements.

Form 3B

MAIL THIS FORM TO:
Department of Ecology
SW Region WQ Program
Permit Coordinator
P.O. Box 47775
Olympia, WA 98504-7775

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: JI Storedahl & Sons Daybreak Pit

LOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

Discharge Monitoring Point GW 1

FROM: 1/1/2011 TO: 3/31/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that equipment operates and runoff occurs.

DAILY MONITORING

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____ If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet.			
	☒ No	2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet. Failure to describe control of sheen is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to surface waters		Yes/No	Observe Daily when runoff occurs

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

BRIAN K. SANDERS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

2011/4/25

DATE: YEAR MO DAY

Brian K. Sanders ENVIRON CARD

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

360-634-2420

TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition S6. E. on page 26 for additional requirements.

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: Jl Storedahl & Sons Daybreak Pit

LOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

Discharge Monitoring Point GW2

FROM: 1/1/2011 TO: 3/31/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that equipment operates and runoff occurs.

DAILY MONITORING

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____ If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet.			
	☒ No	2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet. Failure to describe control of sheen is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to surface waters		Yes/No	Observe Daily when runoff occurs

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

BRIAN K. SANDERS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

2011/4/25

DATE: YEAR MO DAY

Brian K. Sanders ENVIRON COORD

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

360-636-2420

TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition S6. E. on page 26 for additional requirements.

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: JI Storedahl & Sons Daybreak Pit

LOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

Discharge Monitoring Point GW3

FROM: 1/1/2011 TO: 3/31/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that equipment operates and runoff occurs.

DAILY MONITORING

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____ If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet.			
	☒ No	2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet. Failure to describe control of sheen is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to surface waters		Yes/No	Observe Daily when runoff occurs

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

BRIANK SANDERS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

2011/4/25

DATE: YEAR MO DAY

Briank Sanders ENVIRON CORP

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

360-636-2470

TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition S6. E. on page 26 for additional requirements.

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: JI Storedahl & Sons Daybreak Pit

LOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

Discharge Monitoring Point GW.5

FROM: 1/1/2011 TO: 3/31/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that equipment operates and runoff occurs.

DAILY MONITORING

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____			
	☒ No	If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet. 2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet. Failure to describe control of sheen is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to surface waters		Yes/No	Observe Daily when runoff occurs

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

BRIAN K. SANDERS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

2011/4/25

DATE: YEAR MO DAY

Brian K. Sanders ENVIRON CORP

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

360-636-2420

TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition S6. E. on page 26 for additional requirements.

Jerry L. Storedahl, Owner



Office: (360) 636-2420
FAX: (360) 577-3906

2233 Talley Way • Kelso, Washington 98626

ROCK PRODUCTS, GRADING & EXCAVATING

July 25, 2011

Department of Ecology
Water Quality Permit Coordinator
P.O. Box 47600
Olympia, WA 98504-7600

Dear Sirs,

Please find with this cover letter, Discharge Monitoring Reports (DMR's) from J.L. Storedahl and Sons, Inc. for the second quarter of 2011.

They include:

WAG-50-1359

Daybreak Pit

Thank you for your time. If you have any questions or concerns please feel free to contact me at my office at (360)636-2420 or on my cell at (360)957-3555.

Sincerely,

A handwritten signature in cursive script that reads 'Brian K. Sanders'.

Brian K. Sanders
Environmental Coordinator

WAG-50-1359

SAND AND GRAVEL GENERAL PERMIT

DISCHARGE MONITORING REPORT Form 3B

Stormwater to Surface Water – NAICS Code 212311 (Dimension Stone Mining & Quarrying), 212321 (Construction Sand & Gravel Mining), 212322 (Industrial Sand Mining).

NAME/ FACILITY: JI Storedahl & Sons Daybreak PitLOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

DISCHARGE MONITORING POINT SWAFROM: 4/1/2011 TO: 6/30/2011

QUARTERLY MONITORING	☐ There was NO discharge at any time during the quarter OR				
	Nitrate + Nitrite	QUARTERLY AVERAGE	Units	# of samples	
		<u>N/A</u>	mg/L		
MONTHLY MONITORING	☐ There was NO discharge at any time during the month OR				
<u>APRIL</u> MONTH	SAMPLE DATE (MM/DD/YYYY)	TURBIDITY (NTUs)		☐ Check if only ONE discharge during the month	
	<u>4/8/2011</u>	<u>4.3</u>			
	<u>4/20/2011</u>	<u>4.9</u>			
	SUMMARY		AVERAGE = <u>4.6</u>	MAXIMUM = <u>4.9</u>	
	<u>MAY</u> MONTH	☐ There was NO discharge at any time during the month OR			
<u>5/11/2011</u>		<u>3.7</u>		☐ Check if only ONE discharge during the month	
<u>5/25/2011</u>		<u>4.5</u>			
SUMMARY		AVERAGE = <u>4.1</u>	MAXIMUM = <u>4.5</u>		
<u>JUNE</u> MONTH		☐ There was NO discharge at any time during the month OR			
	<u>6/8/2011</u>	<u>3.6</u>		☐ Check if only ONE discharge during the month	
	<u>6/24/2011</u>	<u>4.0</u>			
	SUMMARY		AVERAGE = <u>3.8</u>		MAXIMUM = <u>4.0</u>
	Daily Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____ If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet.		
☒ No		2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet.			
LIMITS	Parameter	Permit Requirement		Units	Frequency
	Nitrate + Nitrite*	0.68 mg/L average		mg/L	Quarterly
	Turbidity	50 average	71 maximum	NTU	2x month
	Oil Sheen**	No discharge of sheen to surface waters		Yes/No	Daily

***** Daily monitoring for visible oil sheen is required at all discharge points (or representative locations where water collects prior to discharge) each day that equipment operates.***

For NAICS Code 212311, 212321, 212322: Twice-monthly monitoring for turbidity is required if the discharge is to surface water and includes only stormwater. Unless there was no discharge during a month, there must be at least one sample and analysis for turbidity. Report the highest turbidity value as the "Maximum Daily" and the average of the turbidity samples as "Monthly Average". If there was only one discharge during the month the "Maximum Daily" and the "Monthly Average" will be the same value.

Be sure to include the name of the discharge point at the top of the form.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

BRIAN K. SANDERS ENVIRON COORD 7/25/2011
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED) DATE: MO DAY YEAR

Brian K. Sanders 360-636-2420
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Noncompliance notification - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition **S6. E.** on page **26** for additional requirements.

Form 3B

MAIL THIS FORM TO:
Department of Ecology
SW Region WQ Program
Permit Coordinator
P.O. Box 47775
Olympia, WA 98504-7775

WAG-50-1359

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: JI Storedahl & Sons Daybreak Pit

LOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

Discharge Monitoring Point GW1

FROM: 4/1/2011 TO: 6/30/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that equipment operates and runoff occurs.

DAILY MONITORING

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____ If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet.			
	☒ No	2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet. Failure to describe control of sheen is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to surface waters		Yes/No	Observe Daily when runoff occurs

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

BRIAN K. SANDERS ENVIRON COORD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

2011/7/25
DATE: YEAR MO DAY

Brian K. Sanders

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

360-636-7420
TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition S6. E. on page 26 for additional requirements.

WAG-50-1359

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: JI Storedahl & Sons Daybreak Pit

LOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

Discharge Monitoring Point GW2

FROM: 4/1/2011 TO: 6/30/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that equipment operates and runoff occurs.

DAILY MONITORING

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____			
	☒ No	If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet.			
		2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet. Failure to describe control of sheen is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to surface waters		Yes/No	Observe Daily when runoff occurs

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

BRIAN K. SANDERS ENVIRON COORD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

2011/7/25

DATE: YEAR MO DAY

Brian K. Sanders

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

360-636-2420

TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition S6. E. on page 26 for additional requirements.

WAG-50-1359

**2010 SAND AND GRAVEL GENERAL PERMIT
DISCHARGE MONITORING REPORT Form 1A**

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: JI Storedahl & Sons Daybreak PitLOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

Discharge Monitoring Point GW3FROM: 4/1/2011 TO: 6/30/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that equipment operates and runoff occurs.

DAILY MONITORING

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____			
	☒ No	If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet.			
		2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet. Failure to describe control of sheen is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to surface waters		Yes/No	Observe Daily when runoff occurs

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

BRIAN K. SANDERS ENVIRON COORD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

2011/7/25
DATE: YEAR MO DAY

Brian K. Sanders

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

360-636-2420
TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition S6. E. on page 26 for additional requirements.

WAG-50-1359

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: Jl Storedahl & Sons Daybreak PitLOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

Discharge Monitoring Point GW5FROM: 4/1/2011 TO: 6/30/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that equipment operates and runoff occurs.

DAILY MONITORING

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____			
	☒ No	2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet. Failure to describe control of sheen is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to surface waters		Yes/No	Observe Daily when runoff occurs

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

BRIAN K. SANDERS ENVIRON CORP

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

2011/7/25

DATE: YEAR MO DAY

Brian K. Sanders

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

360-636-2420

TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition S6. E. on page 26 for additional requirements.

Jerry L. Storedahl, Owner



Office: (360) 636-2420
FAX: (360) 577-3906

2233 Talley Way • Kelso, Washington 98626

ROCK PRODUCTS, GRADING & EXCAVATING

October 21, 2011

Department of Ecology
Water Quality Permit Coordinator
P.O. Box 47600
Olympia, WA 98504-7600

Dear Sirs,

Please find with this cover letter, Discharge Monitoring Reports (DMR's) from J.L. Storedahl and Sons, Inc. for the third quarter of 2011.

They include:

WAG-50-1359

Daybreak Pit

Thank you for your time. If you have any questions or concerns please feel free to contact me at my office at (360)636-2420 or on my cell at (360)957-3555.

Sincerely,

A handwritten signature in black ink that reads 'Brian K. Sanders'. The signature is written in a cursive, flowing style.

Brian K. Sanders
Environmental Coordinator

WAG-50-1359

SAND AND GRAVEL GENERAL PERMIT

DISCHARGE MONITORING REPORT **Form 3B**

Stormwater to Surface Water – NAICS Code 212311 (Dimension Stone Mining & Quarrying), 212321 (Construction Sand & Gravel Mining), 212322 (Industrial Sand Mining).

NAME/ FACILITY: Jl Storedahl & Sons Daybreak PitLOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

DISCHARGE MONITORING POINT SWAFROM: 7/1/2011 TO: 9/30/2011

QUARTERLY MONITORING	☐ There was NO discharge at any time during the quarter OR				
	Nitrate + Nitrite	QUARTERLY AVERAGE <u>N/A</u>	Units mg/L	# of samples	
MONTHLY MONITORING	☐ There was NO discharge at any time during the month OR				
<u>July</u> MONTH	SAMPLE DATE (MM/DD/YYYY)	TURBIDITY (NTUs)		☐ Check if only ONE discharge during the month	
	<u>7/12/2011</u>	<u>4.7</u>			
	<u>7/19/2011</u>	<u>5.3</u>			
	SUMMARY		AVERAGE = <u>5.0</u>	MAXIMUM = <u>5.3</u>	
<u>August</u> MONTH	☐ There was NO discharge at any time during the month OR				
	<u>8/10/2011</u>	<u>5.5</u>		☐ Check if only ONE discharge during the month	
	<u>8/23/2011</u>	<u>3.9</u>			
	SUMMARY		AVERAGE = <u>4.7</u>		MAXIMUM = <u>5.5</u>
<u>SEPTEMBER</u> MONTH	☐ There was NO discharge at any time during the month OR				
	<u>9/11/2011</u>	<u>4.1</u>		☐ Check if only ONE discharge during the month	
	<u>9/20/2011</u>	<u>5.1</u>			
	SUMMARY		AVERAGE = <u>4.6</u>		MAXIMUM = <u>5.1</u>
Daily Visible Oil Sheen Detected?	☐ Yes ☒ No	1. If Yes, date detected: _____ If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet. 2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet.			
LIMITS	Parameter	Permit Requirement		Units	Frequency
	Nitrate + Nitrite*	0.68 mg/L average		mg/L	Quarterly
	Turbidity	50 average	71 maximum	NTU	2x month
	Oil Sheen**	No discharge of sheen to surface waters		Yes/No	Daily

* *Quarterly nitrate/nitrite monitoring and limit applicable only when blasting is used at the facility (within 2 years prior to sample date). If monitoring is not applicable place NA for average.*

** *Daily monitoring for visible oil sheen is required at all discharge points (or representative locations where water collects prior to discharge) each day that equipment operates.*

For NAICS Code 212311, 212321, 212322: Twice-monthly monitoring for turbidity is required if the discharge is to surface water and includes only stormwater. Unless there was no discharge during a month, there must be at least one sample and analysis for turbidity. Report the highest turbidity value as the "Maximum Daily" and the average of the turbidity samples as "Monthly Average". If there was only one discharge during the month the "Maximum Daily" and the "Monthly Average" will be the same value.

Be sure to include the name of the discharge point at the top of the form.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)	
<u>Brian K. Sanders</u> NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)	<u>10/21/2011</u> DATE: MO DAY YEAR
<u>Brian K. Sanders ENVIRON CORP</u> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	<u>360-636-2420</u> TELEPHONE NUMBER
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):	

Noncompliance notification - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition **S6. E.** on page **26** for additional requirements.

Form 3B

MAIL THIS FORM TO:
Department of Ecology
SW Region WQ Program
Permit Coordinator
P.O. Box 47775
Olympia, WA 98504-7775

WAG-50-1359

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: JI Storedahl & Sons Daybreak Pit

LOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

Discharge Monitoring Point GW1

FROM: 7/1/2011 TO: 9/30/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that equipment operates and runoff occurs.

DAILY MONITORING

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____ If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet.			
	☒ No	2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet. Failure to describe control of sheen is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to surface waters		Yes/No	Observe Daily when runoff occurs

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

Brian K. Sanders

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

2011/10/21

DATE: YEAR MO DAY

Brian K. Sanders Edward Coors

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

360-636-2420

TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition S6. E. on page 26 for additional requirements.

WAG-50-1359

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: JI Storedahl & Sons Daybreak PitLOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

Discharge Monitoring Point GW2FROM: 7/1/2011 TO: 9/30/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that equipment operates and runoff occurs.

DAILY MONITORING

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____			
	☒ No	If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet. 2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet. Failure to describe control of sheen is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to surface waters		Yes/No	Observe Daily when runoff occurs

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

Brian K. Sanders

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

2011/10/21

DATE: YEAR MO DAY

Brian K. Sanders ENVIRON CORP

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

360-636-2420

TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition S6. E. on page 26 for additional requirements.

WAG-50-1359

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: JI Storedahl & Sons Daybreak Pit

LOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

Discharge Monitoring Point GW3

FROM: 7/11/2011 TO: 9/30/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that equipment operates and runoff occurs.

DAILY MONITORING

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____			
	☒ No	If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet. 2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet. Failure to describe control of sheen is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to surface waters		Yes/No	Observe Daily when runoff occurs

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

BRIAN K. SANDERS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

2011/10/21

DATE: YEAR MO DAY

Brian K. Sanders ENVIRON COORD

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

360-636-240

TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition S6. E. on page 26 for additional requirements.

WAG-50-1359

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: Jl Storedahl & Sons Daybreak Pit

LOCATION: 27140 Ne 61st Ave, Battle Ground, WA 98604

MONITORING PERIOD

Discharge Monitoring Point GW5

FROM: 7/1/2011 TO: 9/30/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that equipment operates and runoff occurs.

DAILY MONITORING

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, date detected: _____			
	☒ No	If detected more than (1) one day, enter <u>all</u> dates in "Comments" Section or on a separate sheet.			
		2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination under "Comments" or on a separate sheet. Failure to describe control of sheen is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to surface waters		Yes/No	Observe Daily when runoff occurs

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

Brian K. Sander

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

2011/10/21

DATE: YEAR MO DAY

Brian K. Sander ENVIRON COORD

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

360-636-2420

TELEPHONE NUMBER

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

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Jerry L. Storedahl, Owner



Office: (360) 636-2420
FAX: (360) 577-3906

2233 Talley Way • Kelso, Washington 98626

ROCK PRODUCTS, GRADING & EXCAVATING

January 24, 2012

Department of Ecology
Water Quality Permit Coordinator
P.O. Box 47600
Olympia, WA 98504-7600

Dear Sirs,

Please find with this cover letter, Discharge Monitoring Reports (DMR's) from J.L. Storedahl and Sons, Inc. for the fourth quarter of 2011.

They include:

WAG-50-1359

Daybreak Pit

Thank you for your time. If you have any questions or concerns please feel free to contact me at my office at (360)636-2420 or on my cell at (360)957-3555.

Sincerely,

A handwritten signature in cursive script that reads 'Brian K. Sanders'.

Brian K. Sanders
Environmental Coordinator

WAG-50-1359

SAND AND GRAVEL GENERAL PERMIT

DISCHARGE MONITORING REPORT Form 3B

Stormwater to Surface Water – NAICS Code 212311 (Dimension Stone Mining & Quarrying),
212321 (Construction Sand & Gravel Mining), 212322 (Industrial Sand Mining)

NAME/ FACILITY: J L Storedahl & Sons - Daybreak Pit
27140 NE 61st Avenue, Battle Ground Clark County

DISCHARGE MONITORING POINT: SWA

MONITORING PERIOD: FROM: 10 / 1 / 2011 TO: 12 / 31 / 2011

(Instructions and Signature Block on Reverse Side)

QUARTERLY MONITORING	☐ There was NO discharge at any time during the quarter OR									
	SAMPLE DATE (MM/DD/YYYY)	Nitrate +Nitrite (mg/L as N)								
		QUARTERLY AVERAGE = <u>N/A</u>								
MONTHLY MONITORING	☐ There was NO discharge at any time during the month OR									
	SAMPLE DATE (MM/DD/YYYY)	TURBIDITY (NTUs)								
	<u>OCTOBER</u> MONTH	<table border="1"> <tr> <td><u>10/5/2011</u></td> <td><u>4.3</u></td> <td rowspan="2">☐ Check if only ONE discharge during the month</td> </tr> <tr> <td><u>10/26/2011</u></td> <td><u>3.8</u></td> </tr> <tr> <td colspan="2">SUMMARY AVERAGE = <u>4.1</u></td> <td></td> </tr> </table>	<u>10/5/2011</u>	<u>4.3</u>	☐ Check if only ONE discharge during the month	<u>10/26/2011</u>	<u>3.8</u>	SUMMARY AVERAGE = <u>4.1</u>		
	<u>10/5/2011</u>	<u>4.3</u>	☐ Check if only ONE discharge during the month							
<u>10/26/2011</u>	<u>3.8</u>									
SUMMARY AVERAGE = <u>4.1</u>										
<u>NOVEMBER</u> MONTH	<table border="1"> <tr> <td><u>11/9/2011</u></td> <td><u>4.4</u></td> <td rowspan="2">☐ Check if only ONE discharge during the month</td> </tr> <tr> <td><u>11/14/2011</u></td> <td><u>4.3</u></td> </tr> <tr> <td colspan="2">SUMMARY AVERAGE = <u>4.2</u></td> <td></td> </tr> </table>	<u>11/9/2011</u>	<u>4.4</u>	☐ Check if only ONE discharge during the month	<u>11/14/2011</u>	<u>4.3</u>	SUMMARY AVERAGE = <u>4.2</u>			
<u>11/9/2011</u>	<u>4.4</u>	☐ Check if only ONE discharge during the month								
<u>11/14/2011</u>	<u>4.3</u>									
SUMMARY AVERAGE = <u>4.2</u>										
<u>DECEMBER</u> MONTH	<table border="1"> <tr> <td><u>12/1/2011</u></td> <td><u>4.6</u></td> <td rowspan="2">☐ Check if only ONE discharge during the month</td> </tr> <tr> <td><u>12/22/2011</u></td> <td><u>3.7</u></td> </tr> <tr> <td colspan="2">SUMMARY AVERAGE = <u>4.2</u></td> <td></td> </tr> </table>	<u>12/1/2011</u>	<u>4.6</u>	☐ Check if only ONE discharge during the month	<u>12/22/2011</u>	<u>3.7</u>	SUMMARY AVERAGE = <u>4.2</u>			
<u>12/1/2011</u>	<u>4.6</u>	☐ Check if only ONE discharge during the month								
<u>12/22/2011</u>	<u>3.7</u>									
SUMMARY AVERAGE = <u>4.2</u>										
Visible Oil Sheen Detected?	☐ Yes ☒ No	1. If Yes, identify all date(s) detected: _____ 2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination in the inspection report. Failure to describe control of sheen in the inspection report is a permit violation.								
Oil Sheen or Petroleum Products Discharged to Ground Water or Surface Water?	☐ Yes ☒ No	If Yes, date(s) discharged _____								

LIMITS	Parameter	Permit Requirement		Units	Frequency
	Nitrate + Nitrite*	0.68 mg/L average		mg/L	Quarterly
	Turbidity	50 Average Monthly	50 Maximum Daily	NTU	2x month
	Oil Sheen**	No discharge of sheen to ground water or surface water		Yes/No	Daily

* *Quarterly nitrate/nitrite monitoring and limit applicable only when blasting is used at the facility (within 2 years prior to sample date). If monitoring is not applicable place NA for average.*

** *Daily monitoring for visible oil sheen is required at all discharge points (or representative locations where water collects prior to discharge) each day that runoff occurs.*

For NAICS Codes 212311, 212321, 212322: Twice-monthly monitoring for turbidity is required if the discharge is to surface water and includes only stormwater. Unless there was no discharge during a month, there must be at least one sample and analysis for turbidity. Report the average of the turbidity samples as "Monthly Average".

Be sure to include the name of the discharge point at the top of the form.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)	
<u>BRIANK. SANDERS</u> NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)	<u>1/24/2012</u> DATE: MO DAY YEAR
<u>Briank. Sanders / ENVIRON. COORD</u> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	<u>360/636/2420</u> TELEPHONE NUMBER
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):	

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition S6. E. on page 27 for additional requirements.

MAIL THIS FORM TO: Department of Ecology Southwest Regional Office Water Quality Program P.O. Box 47775 Olympia, WA 98504
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WAG-50-1359

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: J L Storedahl & Sons - Daybreak Pit
27140 NE 61st Avenue, Battle Ground Clark County

DISCHARGE MONITORING POINT: GW1

MONITORING PERIOD: FROM: 10 / 1 / 2011 TO: 12 / 31 / 2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that runoff occurs.

DAILY MONITORING WHEN RUNOFF OCCURS

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, identify all date(s) detected: _____ 2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination in the inspection report. Failure to describe control of sheen in the inspection report is a permit violation.			
	☒ No				
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to ground water or surface water		Yes/No	Observe daily when runoff occurs
Oil Sheen or Petroleum Products Discharged to Ground Water or Surface Water?	☐ Yes ☒ No	If Yes, date(s) discharged _____			

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

Brian K. Sanders

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

Brian K. Sanders / ENVIRON COORD

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

2012 / 1 / 24

DATE: YEAR MO DAY

360 / 636 / 2420

TELEPHONE NUMBER

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here):*

Reporting Permit Violations - When the Permittee cannot comply with the permit limits, due to any cause, the Permittee shall: 1. Immediately take action to stop, contain, and clean up the unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat the sampling and analysis of any violation; 2. The Permittee is required to notify the Ecology Regional Sand and Gravel Permit Manager orally within 24 hours of when the Permittee becomes aware of the circumstances. Refer to Permit Special Condition **S6.E.** on page 27 for additional requirements.

MAIL THIS FORM TO:

Department of Ecology
Southwest Regional Office
Water Quality Program
P.O. Box 47775
Olympia, WA 98512

WAG-50-1359

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: J L Storedahl & Sons - Daybreak Pit
27140 NE 61st Avenue, Battle Ground Clark County

DISCHARGE MONITORING POINT: GW2

MONITORING PERIOD: FROM: 10 / 1 / 2011 TO: 12 / 31 / 2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that runoff occurs.

DAILY MONITORING WHEN RUNOFF OCCURS

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, identify all date(s) detected: _____ 2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination in the inspection report. Failure to describe control of sheen in the inspection report is a permit violation.			
	☒ No				
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to ground water or surface water		Yes/No	Observe daily when runoff occurs
Oil Sheen or Petroleum Products Discharged to Ground Water or Surface Water?	☐ Yes ☒ No	If Yes, date(s) discharged _____			

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

BRIAN K. SANDERS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

Brian K. Sanders / ENVIRONMENTAL COORD

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

2012/1/24

DATE: YEAR MO DAY

360/636/2420

TELEPHONE NUMBER

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here):*

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MAIL THIS FORM TO:

Department of Ecology
Southwest Regional Office
Water Quality Program
P.O. Box 47775
Olympia, WA 98512

WAG-50-1359

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: J L Storedahl & Sons - Daybreak Pit
27140 NE 61st Avenue, Battle Ground Clark County

DISCHARGE MONITORING POINT: GW3

MONITORING PERIOD: FROM: 10 / 1 / 2011 TO: 12 / 31 / 2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that runoff occurs.

DAILY MONITORING WHEN RUNOFF OCCURS

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, identify all date(s) detected: _____			
	☒ No	2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination in the inspection report. Failure to describe control of sheen in the inspection report is a permit violation.			
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to ground water or surface water		Yes/No	Observe daily when runoff occurs
Oil Sheen or Petroleum Products Discharged to Ground Water or Surface Water?	☐ Yes ☒ No	If Yes, date(s) discharged _____			

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Brian K. Sanders

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

Brian K. Sanders / ENVIRON. COORD.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

2012/1/24

DATE: YEAR MO DAY

360/636/2420

TELEPHONE NUMBER

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here):*

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MAIL THIS FORM TO:

Department of Ecology
Southwest Regional Office
Water Quality Program
P.O. Box 47775
Olympia, WA 98512

WAG-50-1359

2010 SAND AND GRAVEL GENERAL PERMIT DISCHARGE MONITORING REPORT Form 1A

Stormwater to Ground Water – NAICS 212311 (Dimension Stone), 212321 (Construction Sand and Gravel), 212322 (Industrial Sand)

NAME/ FACILITY: J L Storedahl & Sons - Daybreak Pit
27140 NE 61st Avenue, Battle Ground Clark County

DISCHARGE MONITORING POINT: GW5

MONITORING PERIOD: FROM: 10/1/2011 TO: 12/31/2011

Daily monitoring for visible oil sheen is required at all discharge points or representative locations where water collects prior to discharge each day that runoff occurs.

DAILY MONITORING WHEN RUNOFF OCCURS

Visible Oil Sheen Detected?	☐ Yes	1. If Yes, identify all date(s) detected: _____ 2. If Yes, identify the probable cause of the oil sheen and the actions taken to prevent further contamination in the inspection report. Failure to describe control of sheen in the inspection report is a permit violation.			
	☒ No				
LIMITS	Parameter	Minimum	Maximum	Units	# Samples
	Oil Sheen	No discharge of sheen to ground water or surface water		Yes/No	Observe daily when runoff occurs
Oil Sheen or Petroleum Products Discharged to Ground Water or Surface Water?	☐ Yes ☒ No	If Yes, date(s) discharged _____			

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Brian K. Sanders

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

Brian K. Sanders / ENVIRON CORP

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

2012/1/24

DATE: YEAR MO DAY

360/636/2420

TELEPHONE NUMBER

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here):*

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MAIL THIS FORM TO:

Department of Ecology
Southwest Regional Office
Water Quality Program
P.O. Box 47775
Olympia, WA 98512

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: JL Storedahl & Sons. Incorporated
Project: J.L. Storedahl & Sons. Inc.
Sample Matrix: Water

Service Request: K1112379
Date Collected: 12/22/11
Date Received: 12/22/11

Analysis Method: SM 2540 D

Units: mg/L
Basis: NA

Solids, Total Suspended (TSS)

Sample Name	Lab Code	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Day Break SWA	K1112379-001	ND	U	5.0	1	NA	12/27/11 14:30	
Method Blank	K1112379-MB1	ND	U	5.0	1	NA	12/27/11 14:30	
Method Blank	K1112379-MB2	ND	U	5.0	1	NA	12/27/11 14:30	

J.L. Storedahl & Sons, Inc.
Daybreak Mine
Pond 3 MEM-03 Monitoring Record – Page 1 of 5

Year 2011

Pond 3 ESTIMATED FLOW GPM			
Month	Date	Staff Gauge Reading / FLOW	Water Level (Elev. AMSL)
APRIL	4-1	.95 / 6800 GPM	30.85
	4-4	.94 / 6900	30.84
	4-5	.92 / 6500	30.83
	4-6	.97 / 7000	30.87
	4-7	.98 / 7100	30.88
	4-8	.98 / 7100	30.88
	4-11	1.00 / 7300	30.90
	4-12	.99 / 7200	30.89
	4-13	.99 / 7200	30.89
	4-14	.98 / 7100	30.88
	4-15	.97 / 7000	30.87
	4-18	.95 / 6800	30.85
	4-19	.93 / 6600	30.83
	4-20	.93 / 6600	30.83
	4-21	.93 / 6600	30.83
	4-22	.93 / 6600	30.83
	4-25	.95 / 6200	30.85
	4-26	.99 / 7200	30.89
	4-27	.99 / 7200	30.89
	4-28	1.00 / 7300	30.90
	4-29	1.00 / 7300	30.90

J.L. Storedahl & Sons, Inc.
Daybreak Mine
Pond 3 MEM-03 Monitoring Record – Page 1 of 5

Year 2011

Pond 3 <i>ESTIMATED FLOW IN GPM</i>			
Month	Date	Staff Gauge Reading/Flow	Water Level (Elev. AMSL)
MAY	5-2	1.01 / 7400 GPM	30.91
	5-3	.99 / 7200	30.89
	5-4	.98 / 7100	30.88
	5-5	.97 / 7000	30.89
	5-6	.95 / 6800	30.85
	5-9	.92 / 6500	30.83
	5-10	.88 / 6100	30.79
	5-11	.85 / 5750	30.76
	5-12	.86 / 5850	30.77
	5-13	.90 / 6300	30.81
	5-14	.95 / 6800	30.86
	5-17	1.01 / 7400	30.92
	5-18	1.09 / 8300	31.01
	5-19	1.04 / 7800	30.96
	5-20	.98 / 7100	30.90
	5-23	.82 / 5400	30.75
	5-24	.80 / 5200	30.73
	5-25	.84 / 5750	30.77
	5-26	.74 / 4750	30.67
	5-27	.78 / 5050	30.71
	5-30	.77 / 4950	30.70
	5-31	.93 / 6600	30.86

J.L. Storedahl & Sons, Inc.
Daybreak Mine
Pond 3 MEM-03 Monitoring Record – Page 2 of 5

Year 2011

Pond 3 ESTIMATED FLOW IN GPM			
Month	Date	Staff Gauge Reading / FLOW	Water Level (Elev. AMSL)
JUN	6-1	.95 / 6800 GPM	30.88
	6-2	1.00 / 7300	30.92
	6-3	.85 / 5750	30.75
	6-4	.68 / 4100	30.58
	6-7	.68 / 4100	30.58
	6-8	.71 / 4450	30.61
	6-9	.71 / 4450	30.61
	6-10	.72 / 4500	30.62
	6-13	.71 / 4450	30.61
	6-14	.70 / 4300	30.60
	6-15	.70 / 4300	30.60
	6-16	.69 / 4150	30.59
	6-17	.68 / 4000	30.58
	6-20	.67 / 3900	30.57
	6-21	.66 / 3850	30.56
	6-22	.66 / 3850	30.56
	6-23	.66 / 3850	30.56
	6-24	.62 / 3550	30.52
	6-27	.58 / 3200	30.48
	6-28	.54 / 2950	30.44
	6-29	.50 / 2600	30.40
	6-30	.48 / 2400	30.38

J.L. Storedahl & Sons, Inc.
Daybreak Mine
Pond 3 MEM-03 Monitoring Record – Page 3 of 5

Year 2011

Pond 3			
Month	Date	Staff Gauge Reading	Water Level (Elev. AMSL)
JUL	7-1	.46/ 2250 GPM	30.36
	7-5	.41/ 2000	30.31
	7-6	.40/ 1900	30.30
	7-7	.37/ 1600	30.27
	7-8	.38/ 1700	30.28
	7-11	.38/ 1700	30.28
	7-12	.37/ 1600	30.27
	7-13	.35/ 1550	30.25
	7-14	.35/ 1550	30.25
	7-15	.36/ 1575	30.26
	7-18	.37/ 1600	30.27
	7-19	.37/ 1600	30.27
	7-20	.38/ 1700	30.28
	7-21	.38/ 1700	30.28
	7-22	.38/ 1700	30.28
	7-25	.37/ 1600	30.27
	7-26	.36/ 1575	30.26
	7-27	.37/ 1600	30.27
	7-28	.38/ 1700	30.28
	7-29	.39/ 1800	30.29

J.L. Storedahl & Sons, Inc.
Daybreak Mine
Pond 3 MEM-03 Monitoring Record – Page 4 of 5

Year 2011

Pond 3			
Month	Date	Staff Gauge Reading	Water Level (Elev. AMSL)
AUG	8-1	.37/1600	30.27
	8-2	.35/1550	30.25
	8-3	.32/1350	30.22
	8-4	.31/1250	30.21
	8-5	.29/1150	30.19
	8-8	.28/1000	30.18
	8-9	.26/975	30.16
	8-10	.28/1000	30.18
	8-11	.27/990	30.17
	8-12	.26/975	30.16
	8-15	.24/900	30.14
	8-16	.24/900	30.14
	8-17	.22/800	30.12
	8-18	.22/800	30.12
	8-19	.23/850	30.13
	8-22	.20/700	30.10
	8-23	.20/700	30.10
	8-24	.19/675	30.09
	8-25	.19/675	30.09
	8-26	.20/700	30.10
	8-29	.19/675	30.09
	8-30	.18/600	30.08
	8-31	.18/600	30.08

J.L. Storedahl & Sons, Inc.
Daybreak Mine
Pond 3 MEM-03 Monitoring Record – Page 5 of 5

Year 2011

Pond 3			
Month	Date	Staff Gauge Reading	Water Level (Elev. AMSL)
SEP	9-1	.16/ 500	30.04
	9-2	.16/ 500	30.06
	9-6	.15/ 450	30.05
	9-7	.15/ 450	30.05
	9-8	.16/ 500	30.06
	9-9	.14/ 400	30.04
	9-12	.14/ 400	30.04
	9-13	.13/ 375	30.03
	9-14	.14/ 400	30.04
	9-15	.14/ 400	30.04
	9-16	.13/ 375	30.03
	9-19	.16/ 500	30.06
	9-20	.21/ 750	30.11
	9-21	.26/ 975	30.16
	9-22	.27/ 990	30.17
	9-23	.29/ 1150	30.19
	9-26	.35/ 1550	30.25
	9-27	.39/ 1600	30.27
	9-28	.39/ 1800	30.29
	9-30	.40/ 1900	30.30

J. L. Storedahl & Sons, Inc.
Daybreak Mine
SW A (Pond 5) MEM-03 Monitoring Record – Page 1 of 5

Year 2011

SW A (Pond 5)						
Month	Date	Temperature (°C)	Flow (GPM)	DO/MGL	Staff Gauge Reading	Water Level (Elev. AMSL)
April	4-1	14.2		10.93		30.91
	4-4	13.9		10.55		30.88
	4-5	13.9		10.48		30.90
	4-6	14.0		10.51		30.89
	4-7	13.7		9.91		30.92
	4-8	13.6		10.03		30.93
	4-11	14.2		9.88		30.91
	4-12	14.1		10.21		30.90
	4-13	13.9		10.29		30.93
	4-14	14.2		10.11		30.94
	4-15	14.1		10.22		30.92
	4-18	14.2		10.11		30.88
	4-19	14.0		10.19		30.87
	4-20	14.2		10.25		30.87
	4-21	14.3		10.31		30.86
	4-22	14.2		10.39		30.87
	4-25	14.4		10.42		30.89
	4-26	14.4		10.59		30.94
	4-27	14.2		10.48		30.93
	4-28	14.1		10.54		30.94
	4-29	14.0		10.48		30.95

J. L. Storedahl & Sons, Inc.
Daybreak Mine
SW A (Pond 5) MEM-03 Monitoring Record – Page 1 of 5

Year 2011

SW A (Pond 5)						
Month	Date	Temperature (°C)	Flow (GPM)	DO/MGL	Staff Gauge Reading	Water Level (Elev. AMSL)
MAY	5-2	14.0		10.56		30.97
	5-3	14.1		10.61		30.93
	5-4	14.3		10.69		30.92
	5-5	14.5		10.65		30.90
	5-6	14.6		10.71		30.89
	5-9	15.0		10.85		30.86
	5-10	14.7		10.83		30.85
	5-11	14.0		10.86		30.85
	5-12	14.0		10.21		30.86
	5-13	13.9		9.91		30.90
	5-16	13.9		9.68		30.95
	5-17	14.6		10.25		30.99
	5-18	15.0		10.88		31.00
	5-19	14.8		11.41		30.97
	5-20	15.0		12.15		30.93
	5-23	15.1		11.44		30.74
	5-24	15.0		11.75		30.70
	5-25	15.4		10.66		30.77
	5-26	15.6		10.60		30.75
	5-27	15.8		10.45		30.78
	5-30	16.0		10.01		30.79
	5-31	16.5		10.23		30.80

J. L. Storedahl & Sons, Inc.
Daybreak Mine
SW A (Pond 5) MEM-03 Monitoring Record – Page 2 of 5

Year 2011

SW A (Pond 5)						
Month	Date	Temperature (°C)	Flow (GPM)	DO	Staff Gauge Reading	Water Level (Elev. AMSL)
JUN	6-1	16.6		10.15		30.82
	6-2	16.6		10.18		30.83
	6-3	16.4		10.22		30.70
	6-6	16.6		10.79		30.63
	6-7	17.0		10.63		30.59
	6-8	16.4		10.86		30.70
	6-9	16.8		10.91		30.70
	6-10	17.4		11.05		30.71
	6-13	17.2		10.73		30.70
	6-14	17.6		10.61		30.68
	6-15	17.8		10.48		30.66
	6-16	17.8		10.40		30.61
	6-17	17.9		10.54		30.55
	6-20	18.0		10.22		30.46
	6-21	18.0		10.51		30.42
	6-22	18.1		10.23		30.40
	6-24	18.2		10.11		30.38
	6-27	18.4		9.87		30.21
	6-28	18.4		9.68		30.19
	6-29	18.6		9.71		30.20
	6-30	18.6		9.85		30.28

J. L. Storedahl & Sons, Inc.
Daybreak Mine
SW A (Pond 5) MEM-03 Monitoring Record – Page 3 of 5

Year 2011

SW A (Pond 5)						
Month	Date	Temperature (°C)	Flow (GPM)	DO/MGL	Staff Gauge Reading	Water Level (Elev. AMSL)
JUL	7-1	18.9		9.77		30.27
	7-5	19.2		9.11		30.17
	7-6	19.5		8.93		30.15
	7-7	19.9		8.39		30.16
	7-8	20.6		8.22		30.18
	7-11	21.4		7.81		30.10
	7-12	21.6		7.50		30.10
	7-13	21.4		7.61		30.08
	7-14	21.2		8.38		30.08
	7-15	21.3		8.09		30.08
	7-18	21.5		7.83		30.10
	7-19	21.5		7.33		30.09
	7-20	21.6		7.67		30.10
	7-21	21.6		8.21		30.10
	7-22	21.5		9.29		30.11
	7-25	21.5		8.49		30.08
	7-26	21.7		7.90		30.05
	7-27	21.9		8.11		30.08
	7-28	22.0		7.59		30.12
	7-29	22.1		7.36		30.20

J. L. Storedahl & Sons, Inc.
Daybreak Mine
SW A (Pond 5) MEM-03 Monitoring Record – Page 4 of 5

Year 2011

SW A (Pond 5)						
Month	Date	Temperature (°C)	Flow (GPM)	DO/MGL	Staff Gauge Reading	Water Level (Elev. AMSL)
AUG	8-1	22.3		7.20		30.16
	8-2	22.4		7.25		30.14
	8-3	22.7		7.18		30.12
	8-4	22.9		7.09		30.10
	8-5	22.7		7.31		30.08
	8-8	22.7		7.11		30.07
	8-9	22.8		7.28		30.07
	8-10	22.7		7.41		30.08
	8-11	22.9		7.37		30.05
	8-12	22.8		7.28		30.02
	8-15	23.1		7.18		30.00
	8-16	22.9		7.31		30.00
	8-17	23.0		7.44		29.96
	8-18	23.2		7.48		29.95
	8-19	23.4		7.50		29.94
	8-22	22.8		7.47		29.92
	8-23	23.1		7.59		29.91
	8-24	23.2		7.61		29.88
	8-25	23.8		7.30		29.85
	8-26	22.7		7.29		29.81
	8-29	23.3		7.61		29.72
	8-30	23.1		7.42		29.69
	8-31	23.0		7.54		29.66

J. L. Storedahl & Sons, Inc.
Daybreak Mine
SW A (Pond 5) MEM-03 Monitoring Record – Page 5 of 5

Year 2011

SW A (Pond 5)						
Month	Date	Temperature (°C)	Flow (GPM)	DO / MGL	Staff Gauge Reading	Water Level (Elev. AMSL)
SEP	9-1	22.6		7.59		29.60
	9-2	22.4		7.61		29.58
	9-6	22.0		7.81		29.50
	9-7	22.5		7.77		29.56
	9-8	22.1		7.63		29.53
	9-9	22.0		7.80		29.50
	9-12	22.3		7.83		29.29
	9-13	22.1		7.91		29.24
	9-14	22.0		7.88		29.11
	9-15	21.9		7.95		29.08
	9-16	21.7		8.02		29.00
	9-19	21.4		8.11		28.98
	9-20	21.3		8.03		29.04
	9-21	21.1		8.44		29.09
	9-22	20.9		8.56		29.13
	9-23	20.8		8.13		29.16
	9-26	20.6		8.71		29.20
	9-27	20.5		8.92		29.21
	9-28	20.6		8.39		29.21
	9-29	20.7		8.51		29.23
	9-30	20.4		8.75		29.23

J.L. Storedahl & Sons, Inc.
Daybreak Mine
Dean Creek MEM-03 Monitoring Record – Page 1 of 5

Year 2011

Dean Creek						
Month	Date	Temperature (°C)	Flow (GPM)	DO MG/L	Staff Gauge Reading	Water Level (Elev. AMSL)
APRIL	4-1	11.9		9.87		29.01
	4-4	11.7		10.09		28.86
	4-5	11.8		9.71		28.84
	4-6	12.0		9.93		28.87
	4-7	11.9		10.07		28.79
	4-8	12.0		10.08		28.80
	4-11	12.3		9.83		28.78
	4-12	12.4		9.77		28.79
	4-13	12.4		9.70		28.75
	4-14	12.4		9.59		28.79
	4-15	12.6		9.47		28.77
	4-18	12.4		9.51		28.75
	4-19	12.5		9.38		28.75
	4-20	12.4		9.31		28.74
	4-21	12.3		9.27		28.72
	4-22	12.3		9.31		28.70
	4-25	12.3		9.39		28.81
	4-26	12.4		9.51		28.89
	4-27	12.3		9.31		28.91
	4-28	12.3		9.21		28.93
	4-29	12.2		9.19		28.94

J.L. Storedahl & Sons, Inc.
Daybreak Mine
Dean Creek MEM-03 Monitoring Record – Page 1 of 5

Year 2011

Dean Creek						
Month	Date	Temperature (°C)	Flow (GPM)	DO	Staff Gauge Reading	Water Level (Elev. AMSL)
MAY	5-2	12.3		9.24		28.96
	5-3	12.1		9.31		28.97
	5-4	12.1		9.88		28.97
	5-5	12.0		9.93		28.99
	5-6	11.9		10.01		29.00
	5-9	11.7		10.12		29.00
	5-10	11.6		9.10		29.05
	5-11	11.6		7.84		29.06
	5-12	11.8		8.65		29.10
	5-13	12.0		8.63		29.21
	5-14	12.2		9.03		29.88
	5-17	12.5		10.53		29.55
	5-18	12.9		11.74		29.45
	5-19	12.4		11.90		28.85
	5-20	14.8		11.00		28.73
	5-23	12.1		9.55		28.45
	5-24	13.4		10.09		28.35
	5-25	12.5		10.45		28.38
	5-26	11.8		10.50		28.35
	5-27	12.3		9.38		28.35
	5-30	12.0		9.29		28.38
	5-31	12.4		10.29		28.37

J.L. Storedahl & Sons, Inc.
Daybreak Mine
Dean Creek MEM-03 Monitoring Record – Page 2 of 5

Year 2011

Dean Creek						
Month	Date	Temperature (°C)	Flow (GPM)	DO ^{mg/L}	Staff Gauge Reading	Water Level (Elev. AMSL)
JUN	6-2	12.0		11.26		28.40
	6-3	12.9		10.48		28.40
	6-6	14.7		10.29		28.40
	6-7	15.1		9.94		28.05
	6-8	16.8		9.36		28.00
	6-9	17.0		9.07		27.93
	6-10	17.4		9.30		27.86
	6-13	17.5		9.07		27.80
	6-14	17.6		9.18		27.80
	6-15	17.7		8.91		27.79
	6-16	17.7		8.37		27.78
	6-17	17.8		8.21		27.78
	6-20	18.2		8.03		27.76
	6-21	18.1		7.66		27.75
	6-22	18.3		7.13		27.75
	6-24	18.5		7.53		27.73
	6-27	19.0		7.85		27.75
	6-28	18.9		7.68		27.78
	6-29	19.0		8.00		27.84
	6-30	19.2		8.11		30.28

J.L. Storedahl & Sons, Inc.
Daybreak Mine
Dean Creek MEM-03 Monitoring Record – Page 3 of 5

Year 2011

Dean Creek						
Month	Date	Temperature (°C)	Flow (GPM)	DO <u>M/L</u>	Staff Gauge Reading	Water Level (Elev. AMSL)
JUL	7-1	19.4		8.06		29.86
	7-5	19.5		7.68		29.41
	7-6	19.8		7.35		29.00
	7-7	20.3		8.07		28.75
	7-8	21.2		7.42		28.36
	7-11	21.8		7.11		28.01
	7-12	NO FLOW				
	7-13		NO FLOW			
	7-14		NO FLOW			
	7-15		NO FLOW			
	7-18		NO FLOW			
	7-19		NO FLOW			
	7-20		NO FLOW			
	7-21		NO FLOW			
	7-22		NO FLOW			
	7-25		NO FLOW			
	7-26		NO FLOW			
	7-27		NO FLOW			
	7-28		NO FLOW			
	7-29		NO FLOW			

J.L. Storedahl & Sons, Inc.
Daybreak Mine
Dean Creek MEM-03 Monitoring Record – Page 4 of 5

Year 2011

Dean Creek						
Month	Date	Temperature (°C)	Flow (GPM)	DO	Staff Gauge Reading	Water Level (Elev. AMSL)
AUG			No Flow			
			Throughout			
			the Month			

J.L. Storedahl & Sons, Inc.
Daybreak Mine
Dean Creek MEM-03 Monitoring Record – Page 5 of 5

Year 2011

Dean Creek						
Month	Date	Temperature (°C)	Flow (GPM)	DO	Staff Gauge Reading	Water Level (Elev. AMSL)
SEP			NO Flow			
			THROUGHOUT			
			THE MONTH			

J. L. Storedahl & Sons, Inc.
Daybreak Mine
SW A (Pond 5) MEM-08 Monitoring Record – Page 1 of 6

Year 2011 Date 4/1

SW A (Pond 5)						
Month	Water Level (Elev. AMSL)	Depth	Transparency	Temperature (°C)	DO	pH
APRIL	30.91		65"	14.2°	10.93	7.33

J. L. Storedahl & Sons, Inc.

Daybreak Mine

SW A (Pond 5) MEM-08 Monitoring Record – Page 2 of 6

Year 2011 Date 5/9

SW A (Pond 5)						
Month	Water Level (Elev. AMSL)	Depth	Transparency	Temperature (°C)	DO	pH
MAY	30.86		166"	15.0°	10.85	8.05

J. L. Storedahl & Sons, Inc.

Daybreak Mine

SW A (Pond 5) MEM-08 Monitoring Record – Page 3 of 6

Year 2011 Date 6/3

SW A (Pond 5)						
Month	Water Level (Elev. AMSL)	Depth	Transparency	Temperature (°C)	DO	pH
JUN	30.70		166"	16.4°	10.22	7.75

J. L. Storedahl & Sons, Inc.

Daybreak Mine

SW A (Pond 5) MEM-08 Monitoring Record – Page 4 of 6

Year 2011 Date 7/6

SW A (Pond 5)						
Month	Water Level (Elev. AMSL)	Depth	Transparency	Temperature (°C)	DO	pH
JUL	30.15		65"	19.5°	8.93	8.09

J. L. Storedahl & Sons, Inc.

Daybreak Mine

SW A (Pond 5) MEM-08 Monitoring Record – Page 5 of 6

Year 2011 Date 8/31

SW A (Pond 5)						
Month	Water Level (Elev. AMSL)	Depth	Transparency	Temperature (°C)	DO	pH
AUG	29.66		66"	23.0	7.54	7.56

J. L. Storedahl & Sons, Inc.

Daybreak Mine

SW A (Pond 5) MEM-08 Monitoring Record – Page 6 of 6

Year 2011 Date 9/16

SW A (Pond 5)						
Month	Water Level (Elev. AMSL)	Depth	Transparency	Temperature (°C)	DO	pH
SEPT	29.00		65"	21.7°	8.02	7.88

J.L. Storedahl & Sons, Inc.
Daybreak Mine

MEM-02/ Clark County Groundwater Monitoring Record – Page 3 of 8

LOCATION	MONTH	DATE	pH (std. units)	Temperature (°C)	Water Level
PZ-3*	January	1-11-2011	7.91	6.2°	42"u
		1-26-2011	7.76	6.8	43"u
	February	2-9-2011	7.65	7.6	43"u
		2-24-2011	7.71	8.2	44"u
	March	3-10-2011	7.62	9.1	43"u
		3-23-2011	7.43	10.5	43"u
	April	4-5-2011	7.39	11.6	42"u
		4-22-2011	7.35	12.4	41"u
	May	5-6-2011	7.29	13.0	40"u
		5-18-2011	7.31	13.3	39"u
	June	6-10-2011	7.19	13.6	38"u
		6-20-2011	7.21	13.9	37"u
	July	7-12-2011	7.06	14.0	35"u
		7-26-2011	7.03	13.9	34"u
	August	8-4-2011	6.98	14.0	34"u
		8-15-2011	6.95	14.6	35"u
	September	9-7-2011	7.09	14.1	36"u
		9-22-2011	7.14	13.5	37"u
	October	10-13-2011	7.19	12.6	37"u
		10-24-2011	7.25	11.5	38"u
	November	11-9-2011	7.33	10.8	39"u
		11-29-2011	7.44	9.6	41"u
	December	12-7-2011	7.46	8.5	42"u
		12-27-2011	7.58	7.3	43"u

* Monitoring should coincide with SW-A (Pond 5) monitoring.

J.L. Storedahl & Sons, Inc.
Daybreak Mine
MEM-02 Monitoring Record – Page 3 of 3

Quarter 1 2 3 4 (circle)

Year 2011

Turbidity (2 Times/Month)			
Location	Date	Turbidity (NTU)	Flow (GPM)
SW A (Pond 5)	1-6	5.1	N/A
	1-19	4.4	}
	2-10	3.7	
	2-23	3.7	
	3-3	5.9	
	3-17	5.3	

Total Suspended Solids (Monthly)		
Location	Date	TSS (mg/L)
SW A (Pond 5)		

pH (Quarterly)		
Location	Date	pH (std. Units)
SW A (Pond 5)	2-10	7.18
PZ 3	2-9	7.65
GW 1	2-10	7.26
GW 2	2-10	7.11
GW 3	2-10	7.16

J.L. Storedahl & Sons, Inc.
Daybreak Mine
MEM-02 Monitoring Record – Page 3 of 3

Quarter 1 (2) 3 4 (circle)

Year 2011

Turbidity (2 Times/Month)			
Location	Date	Turbidity (NTU)	Flow (GPM)
SW A (Pond 5)	4-8	4.3	N/A
	4-20	4.9	
	5-11	3.7	
	5-25	4.5	
	6-8	3.6	
	6-24	4.0	

Total Suspended Solids (Monthly)		
Location	Date	TSS (mg/L)
SW A (Pond 5)	6-7	7.0

pH (Quarterly)		
Location	Date	pH (std. Units)
SW A (Pond 5)	4-8	7.29
PZ 3	4-5	7.39
GW 1	4-8	7.34
GW 2	4-8	7.25
GW 3	4-8	7.30

J.L. Storedahl & Sons, Inc.
Daybreak Mine
MEM-02 Monitoring Record – Page 3 of 3

Quarter 1 2 (3) 4 (circle)

Year 2011

Turbidity (2 Times/Month)			
Location	Date	Turbidity (NTU)	Flow (GPM)
SW A (Pond 5)	7-12	4.7	N/A
	7-19	5.8	
	8-10	5.5	
	8-23	3.9	
	9-11	4.1	
	9-20	5.0	

Total Suspended Solids (Monthly)		
Location	Date	TSS (mg/L)
DOE N/A	9-20	ND
SW A (Pond 5)		

pH (Quarterly)		
Location	Date	pH (std. Units)
SW A (Pond 5)	7/12	7.43
PZ 3	7/12	7.06
GW 1	7/12	7.51
GW 2	7/12	7.47
GW 3	7/12	7.46

J.L. Storedahl & Sons, Inc.
Daybreak Mine
MEM-02 Monitoring Record – Page 3 of 3

Quarter 1 2 3 4 (circle) Year 2011

Turbidity (2 Times/Month)			
Location	Date	Turbidity (NTU)	Flow (GPM)
SW A (Pond 5)	10-5	4.3	N/A
	10-20	3.8	
	11-9	4.4	
	11-10	4.3	
	12-1	4.6	
	12-22	3.7	

Total Suspended Solids (Monthly)		
Location	Date	TSS (mg/L)
DOE N/A	12-22	ND
SW A (Pond 5)		

pH (Quarterly)		
Location	Date	pH (std. Units)
SW A (Pond 5)	11/9	7.11
PZ 3	11/9	7.33
GW 1	11/9	7.28
GW 2	11/9	7.23
GW 3	11/9	7.19