



Julie Mikulas
Regional Land Manager

April 30, 2021

Mr. Peter Hays
Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203

RE: Riverbend West M-2000-016, Follow-up to inspection dated March 24, 2021

Dear Mr. Hays:

Please accept this letter as our written response to the item due 4/30/21.

CORRECTIVE ACTIONS: The Division will require the Operator to collect water quality samples during the next scheduled discharge permit sampling event and test the samples for BTEX and oil & grease. The results of the tests must be sent to the Division by the corrective action date.

RESPONSE: Lab results attached.

Please let me know if anything additional is needed at this time (970) 407-3631.

Sincerely,

Julie Mikulas
Regional Land Manager

Technical Report for**Martin Marietta Materials****Riverbend Pit West****SGS Job Number: DA33509****Sampling Date: 03/31/21****Report to:**

Martin Marietta Materials
1627 Cole Blvd Suite 200
Lakewood, CO 80401
erin.kunkel@martinmarietta.com; Beth.Haake@martinmarietta.com
ATTN: Erin Kunkel

Total number of pages in report: 5

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Jason Savoie
General Manager

Client Service contact: Larisa DiMarco 303-425-6021

Certifications: CO (CO00049), NE (NE-OS-06-04), ND (R-027), UT (NELAP CO00049)
LA (LA150028), TX (T104704511), WY (8TMS-L)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

Sample Summary

Martin Marietta Materials

Job No: DA33509

Riverbend Pit West

Sample Number	Collected Date	Time By	Matrix Received	Code Type	Client Sample ID
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This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

DA33509-1 03/31/21 09:50 EK 03/31/21 AQ Water DISCHARGE POINT

Report of Analysis

Client Sample ID:	DISCHARGE POINT		
Lab Sample ID:	DA33509-1	Date Sampled:	03/31/21
Matrix:	AQ - Water	Date Received:	03/31/21
Method:	EPA 624.1	Percent Solids:	n/a
Project:	Riverbend Pit West		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V72157.D	1	04/02/21 21:18	JB	n/a	n/a	V7V3622
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1330-20-7	Xylene (total)	ND	1.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		60-140%
17060-07-0	1,2-Dichloroethane-D4	102%		60-140%
2037-26-5	Toluene-D8	95%		60-140%
460-00-4	4-Bromofluorobenzene	96%		60-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DISCHARGE POINT

Lab Sample ID: DA33509-1

Matrix: AQ - Water

Project: Riverbend Pit West

Date Sampled: 03/31/21

Date Received: 03/31/21

Percent Solids: n/a

General Chemistry

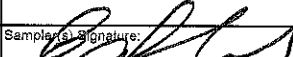
Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Oil and Grease	< 4.0	4.0	mg/l	1	04/06/21	ST	EPA 1664A

RL = Reporting Limit


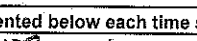

CHAIN OF ~~CUSTODY~~

SGS North America Inc. - Wheat Ridge
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.sgs.com/ehsusa

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Client / Reporting Information		Project Information														Requested Analysis (see TEST CODE sheet)										Matrix Codes
Company: Martin Marietta Materials		Project Name: Riverbend Pit West														<div style="display: flex; flex-direction: column; align-items: center;"> <div>TSS (SM 2540D)</div> <div>OG1664 (EPA 1664A)</div> <div>V624BTEX</div> </div>										DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OL - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank
Street: 1627 Cole Blvd Suite 200		Street:				Billing Information (if different from Report to)									LAB USE ONLY											
City, State: Lakewood, CO 80401		City, State:				Company: Same as Reporting																				
Project Contact: Erin Kunkel / Beth Haake		Project #:				Street Address:																				
Phone: 720-245-6454		Client Purchase Order #:				City, State ZIP:																				
Email: see comments below		City, State ZIP:				Attention:																				
Sampler(s) Name(s): ERIN KUNKEL		Sampler(s) Signature: 																								
Field ID / Point of Collection		Collection Date		Time		Sampled by		Matrix		# of bottles		Number of preserved Bottles														
												NONE HCl NaOH HNO3 H2SO4 DI Water MEQH ENCORE Na2S2O3 Na2SO3														
DISCHARGE POINT		3/31/21		9:50 am		EKH		AQ		5		X X														01
																										S2
																										3/31/21

Special Instructions: pH Calibration:	Date	Time	NA			
Name and signature of person calibrating the pH meter:						
Special Instructions: addition information	Date	Time	pH	Flow	Conductivity	Is there a visual sheen? Y or (N)
Name and signature of person measuring pH sample:						If yes, collect an Oil & Grease sample.

Turnaround Time (Business days)		Data Deliverable Information		Comments / Special Instructions	
<input type="checkbox"/> Standard 10 Business Days <u>Special Reporting Instructions</u> <input checked="" type="checkbox"/> 5 Business Days <input type="checkbox"/> Report in PPB <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> Report in PPM <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> Report MDLs <input type="checkbox"/> 1 Business Day EMERGENC*		<input type="checkbox"/> Commercial "A" (Level 1, Results Only) <input type="checkbox"/> Commercial "B" (Level 2, Results + QC Summary) <input type="checkbox"/> COMMBN (Results/QC/Narrative) <input type="checkbox"/> COMMBN+ [Results/QC/Narrative (+ chromatograms)] <input type="checkbox"/> REDT2 <input type="checkbox"/> FULT1		Report to: Erin.Kunkel@martinmarietta.com; Beth.Haake@martinmarietta.com	
Emergency & Rush T/A data available via LabLink. RUSH TAT approval needed.		<input type="checkbox"/> EDD Format _____			
Sample Custody must be documented below each time samples change possession, including courier delivery.					
Relinquished by Sampler: 1 	Date/Time: 3/31/21	Received By: 1 	Relinquished By: 2	Date/Time:	Received By: 2
Relinquished by Sampler: 3 	Date/Time: 3:55 pm	Received By: 3	Relinquished By: 4	Date/Time:	Received By: 4
Custody Seal # Intact <input checked="" type="checkbox"/> Not intact <input type="checkbox"/> Absent <input type="checkbox"/>		Preserved where applicable <input checked="" type="checkbox"/>	Cooler Temp. °C: 5.5	Therm. ID: T070	On Ice <input checked="" type="checkbox"/>
Martin Marietta - Riverbend Pit West 2020.xls Rev. Date: 9/23/19		HO		http://www.sgs.com/en/terms-and-conditions	

Technical Report for**Martin Marietta Materials****Riverbend Pit West****SGS Job Number: DA33510****Sampling Date: 03/31/21****Report to:**

Martin Marietta Materials
1627 Cole Blvd Suite 200
Lakewood, CO 80401
erin.kunkel@martinmarietta.com; Beth.Haake@martinmarietta.com

ATTN: Erin Kunkel

Total number of pages in report: 5

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Jason Savoie
General Manager

Client Service contact: Larisa DiMarco 303-425-6021

Certifications: CO (CO00049), NE (NE-OS-06-04), ND (R-027), UT (NELAP CO00049)
LA (LA150028), TX (T104704511), WY (8TMS-L)

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Test results relate only to samples analyzed.

Sample Summary

Martin Marietta Materials

Job No: DA33510

Riverbend Pit West

Sample Number	Collected Date	Time By	Matrix Received Code Type	Client Sample ID
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This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

DA33510-1	03/31/21	09:58 EK	03/31/21	AQ	Water	PUMP
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Report of Analysis

Client Sample ID:	PUMP	Date Sampled:	03/31/21
Lab Sample ID:	DA33510-1	Date Received:	03/31/21
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	EPA 624.1		
Project:	Riverbend Pit West		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V72158.D	1	04/02/21 21:40	JB	n/a	n/a	V7V3622
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1330-20-7	Xylene (total)	ND	1.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		60-140%
17060-07-0	1,2-Dichloroethane-D4	103%		60-140%
2037-26-5	Toluene-D8	101%		60-140%
460-00-4	4-Bromofluorobenzene	97%		60-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID: PUMP**Lab Sample ID:** DA33510-1**Matrix:** AQ - Water**Project:** Riverbend Pit West**Date Sampled:** 03/31/21**Date Received:** 03/31/21**Percent Solids:** n/a**General Chemistry**

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Oil and Grease	< 4.0	4.0	mg/l	1	04/06/21	ST	EPA 1664A

RL = Reporting Limit

[illegible]

Special Instructions: pH Calibration:	Date	Time				
Name and signature of person calibrating the pH meter:			NA			
Special Instructions: addition information	Date	Time	pH	Flow	Conductivity	Is there a visual sheen? Y or N
Name and signature of person measuring pH sample:						If yes, collect an Oil & Grease sample.

Turnaround Time (Business days)		Data Deliverable Information		Comments / Special Instructions	
<input type="checkbox"/> Standard 10 Business Days <u>Special Reporting Instructions</u> <input checked="" type="checkbox"/> 5 Business Days <input type="checkbox"/> Report In PPB <input checked="" type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> Report In PPM <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> Report MDLs <input type="checkbox"/> 1 Business Day EMERGENCY*		<input type="checkbox"/> Commercial "A" (Level 1, Results Only) <input type="checkbox"/> Commercial "B" (Level 2, Results + QC Summary) <input type="checkbox"/> COMMBN (Results/QC/Narrative) <input type="checkbox"/> COMMBN+ [Results/QC/Narrative (+ chromatograms)] <input type="checkbox"/> REDT2 <input type="checkbox"/> FULT1 <input type="checkbox"/> EDD Format _____		Report to: Erin.Kunkel@martinmarietta.com; Beth.Haake@martinmarietta.com	
Emergency & Rush T/A data available via LabLink. RUSH TAT approval needed.					
Sample Custody must be documented below each time samples change possession, including courier delivery.					
Relinquished by Sampler: 1 <i>[Signature]</i>	Date/Time: 3/31/21	Received By: 1 <i>[Signature]</i>	Relinquished By: 2	Date/Time:	Received By: 2
Relinquished by Sampler: 3 <i>ERIN KUNKEL</i>	Date/Time: 3:55pm	Received By: 3	Relinquished By: 4 <i>S.I.</i>	Date/Time:	Received By: 4
Custody Seal # _____ Intact <input type="checkbox"/> Not Intact <input type="checkbox"/> Absent <input type="checkbox"/>	Preserved where applicable <input checked="" type="checkbox"/>		Cooler Temp. °C: <u>5.1</u>	Therm. ID: <u>1790</u>	On Ice <input checked="" type="checkbox"/>
Martin Marietta - Riverbend Pit West 2020.xls Rev. Date: 9/23/19			http://www.sgs.com/en/terms-and-conditions		