

Module 8.1(A)

☒ BACKGROUND or ☐ MONITORING REPORT*
(check appropriate block)

Operator: Rockwood Stone, LLC
 Operation Name: Rockwood Quarry
 Permit No: 56250301
 Township: Black
 County: Somerset

Monitoring Point I.D.: 19
 Latitude: 39° 54' 31" N and
 Longitude: 79° 09' 27" W
 Surface Elevation (MSL): 1914'

Description of Sample Point**: _____

Greg Pavlosky PWS well

Instructions: Use a separate sheet for each sample point and list results consecutively by date.

Date Sampled	Method of Flow Measure- ment	Flow (GPM) or Static Water Elevation	Field pH	Lab pH	Suspended Solids mg/l	Specific Conductance (micromhos/cm) @ 25° C	Field Temp. °C	Alkalinity mg/l	Acidity mg/l	Iron mg/l	Manganese mg/l	Aluminum mg/l	Sulfate mg/l	Total Dissolved Solids (mg/l)	Laboratory and Name of Sampler
								Submit above as requested by the Department							
8/19/2024	TAP	1799.44	8.0	7.07	<2	142	21	53	-34	<0.05	<0.01	<0.1	11		Geochemical Testing - AS/JE
9/24/2024	TAP	1797.66	8.0	7.07	<2	144	22	55	-43	0.06	0.01	<0.1	14		Geochemical Testing - AS/JE
10/30/2024	TAP	1795.37	7.4	7.29	<2	182	16	70	-54	0.08	0.03	<0.1	15		Geochemical Testing - JE
11/25/2024	TAP	1799.07	7.0	6.97	<2	180	13	67	-54	0.10	0.06	<0.1	25		Geochemical Testing - JE
12/26/2024	TAP	1800.10	6.7	7.33	<2	147	14	52	-41	0.21	<0.01	<0.1	15		Geochemical Testing - JE
1/15/2025	TAP	1800.02	8.3	7.07	<2	173	8	66	-46	0.13	<0.01	<0.1	22		Geochemical Testing - AS

Signature of Permittee or Responsible Official or Authorized Representative _____

Date _____

Sampled by Earthtech, Inc.:

AS - Austin Smay

JE - Joel Emert

** Description should include type of sample point, relation to mine site, treatment and other comments (such as odor, color, etc.)

Abbreviation/Acronym Key:

TLTG = Too Large to Gauge

XS = Cross Section

VC = Volumetric Container

EST = Estimate

Module 8.1(A)

☐

BACKGROUND or

☒

MONITORING REPORT*

(check appropriate block)

Operator: Rockwood Stone, LLC
 Operation Name: Rockwood Quarry
 Permit No: 56250301
 Township: Black
 County: Somerset

Monitoring Point I.D.: 20
 Latitude: 39° 54' 34" N and
 Longitude: 79° 09' 22" W
 Surface Elevation (MSL): 1948'

Description of Sample Point**: _____

Spring on property (2) Joe Metzgar/On the Trail, LLC

Instructions: Use a separate sheet for each sample point and list results consecutively by date.

Date Sampled	Method of Flow Measurement	Flow (GPM) or Static Water Elevation	Field pH	Lab pH	Suspended Solids mg/l	Specific Conductance (micromhos/cm) @ 25° C	Field Temp. °C	Alkalinity mg/l	Acidity mg/l	Iron mg/l	Manganese mg/l	Aluminum mg/l	Sulfate mg/l	Total Dissolved Solids (mg/l)	Laboratory and Name of Sampler
								Submit above as requested by the Department							
8/19/2024	DIP	*	7.7	5.52	<2	27	14	<10	10	<0.05	0.02	<0.1	<5		Geochemical Testing - AS/JE
9/24/2024	DIP	*	7.3	5.56	4	33	14	<10	10	<0.05	0.02	<0.1	<5		Geochemical Testing - AS/JE
10/30/2024	DIP	*	6.7	5.57	<2	29	12	<10	8	<0.05	0.02	<0.1	<5		Geochemical Testing - JE
11/25/2024	DIP	*	6.4	5.24	<2	27	10	<10	11	<0.05	0.02	<0.1	6.0		Geochemical Testing - JE
12/26/2024	DIP	*	5.7	5.50	<5	25	10	<10	14	<0.05	0.02	<0.1	<5		Geochemical Testing - JE
1/15/2025	DIP	*		5.37	<2	24	3	<10	13	<0.05	0.03	<0.1	<5		Geochemical Testing - AS
5/20/2025	VC	38.5													Flow Only - AS
6/2/2025	VC	40.5													Flow Only - AS
7/29/2025	VC	7.3													Flow Only - AS

Signature of Permittee or Responsible Official or Authorized Representative

Date _____

Sampled by Earthtech, Inc.:

AS - Austin Smay

JE - Joel Emerit

** Description should include type of sample point, relation to mine site, treatment and other comments (such as odor, color, etc.)

* Dip sample obtained due to no overflow from spring. Dip sample was taken from the springhouse.

Abbreviation/Acronym Key:

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Operator: Rockwood Stone, LLC
 Operation Name: Rockwood Quarry
 Permit No: 56250301
 Township: Black
 County: Somerset

Monitoring Point I.D.: 21
 Latitude: 39° 54' 33" N and
 Longitude: 79° 09' 22" W
 Surface Elevation (MSL): 1953'

Description of Sample Point**: _____
Spring house on Joe Metzgar's property

Instructions: Use a separate sheet for each sample point and list results consecutively by date.

Date Sampled	Method of Flow Measure- ment	Flow (GPM) or Static Water Elevation	Field pH	Lab pH	Suspended Solids mg/l	Specific Conductance (micromhos/cm) @ 25° C	Field Temp. °C	Alkalinity mg/l	Acidity mg/l	Iron mg/l	Manganese mg/l	Aluminum mg/l	Sulfate mg/l	Total Dissolved Solids (mg/l)	Laboratory and Name of Sampler
								Submit above as requested by the Department							
8/19/2024	DIP	*	7.2	5.33	<2	26	13	<10	10	<0.05	0.02	<0.1	<5		Geochemical Testing - AS/JE
9/24/2024	DIP	*	6.7	5.49	<2	27	14	<10	8	<0.05	0.01	<0.1	<5		Geochemical Testing - AS/JE
5/20/2025	No Discharge														Flow Only - AS
6/2/2025	No Discharge														Flow Only - AS
7/29/2025	No Discharge														Flow Only - AS

Signature of Permittee or Responsible Official or Authorized Representative _____

Date _____

Sampled by Earthtech, Inc.:

AS - Austin Smay

JE - Joel Emert

** Description should include type of sample point, relation to mine site, treatment and other comments (such as odor, color, etc.)

* Dip sample obtained due to no overflow from spring. Dip sample was taken from the springhouse.

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Operator: Rockwood Stone, LLC
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 Permit No: 56250301
 Township: Black
 County: Somerset

Monitoring Point I.D.: 22
 Latitude: 39° 54' 32" N and
 Longitude: 79° 09' 24" W
 Surface Elevation (MSL): 1944'

Description of Sample Point**: _____
Spring house on Pavlosky property

Instructions: Use a separate sheet for each sample point and list results consecutively by date.

Date Sampled	Method of Flow Measure- ment	Flow (GPM) or Static Water Elevation	Field pH	Lab pH	Suspended Solids mg/l	Specific Conductance (micromhos/cm) @ 25° C	Field Temp. °C	Alkalinity mg/l	Acidity mg/l	Iron mg/l	Manganese mg/l	Aluminum mg/l	Sulfate mg/l	Total Dissolved Solids (mg/l)	Laboratory and Name of Sampler
								Submit above as requested by the Department							
8/19/2024	DIP	*	7.4	6.54	<2	42	15	13	4	0.33	0.05	<0.1	<25		Geochemical Testing - AS/JE
9/24/2024	DIP	*	6.9	6.85	2	42	16	15	1	1.03	0.09	0.1	11		Geochemical Testing - AS/JE
5/20/2025	XS	16													Flow Only - AS
6/2/2025	XS	10													Flow Only - AS
7/29/2025	XS	3													Flow Only - AS

Signature of Permittee or Responsible Official or Authorized Representative _____

Date _____

Sampled by Earthtech, Inc.:

AS - Austin Smay

JE - Joel Emert

** Description should include type of sample point, relation to mine site, treatment and other comments (such as odor, color, etc.)

* Dip sample obtained due to no overflow from spring. Dip sample was taken from the springhouse.

Abbreviation/Acronym Key:

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Operator: Rockwood Stone, LLC
 Operation Name: Rockwood Quarry
 Permit No: 56250301
 Township: Black
 County: Somerset

Monitoring Point I.D.: 25
 Latitude: 39° 54' 36" N and
 Longitude: 79° 09' 25" W
 Surface Elevation (MSL): 1936'

Description of Sample Point**: _____

1" black plastic pipe

Instructions: Use a separate sheet for each sample point and list results consecutively by date.

Date Sampled	Method of Flow Measure- ment	Flow (GPM) or Static Water Elevation	Field pH	Lab pH	Suspended Solids mg/l	Specific Conductance (micromhos/cm) @ 25° C	Field Temp. °C	Alkalinity mg/l	Acidity mg/l	Iron mg/l	Manganese mg/l	Aluminum mg/l	Sulfate mg/l	Total Dissolved Solids (mg/l)	Laboratory and Name of Sampler
								Submit above as requested by the Department							
5/13/2025	VC	1.6		5.98	<5	34	11	<10	9	<0.05	<0.01	<0.1	6		Geochemical Testing - AS
6/2/2025	VC	1.8	7.9	5.87	<5	42	10	<10	8	<0.05	<0.01	<0.1	5		Geochemical Testing - AS
7/29/2025	VC	0.7													Flow Only - AS

Signature of Permittee or Responsible Official or Authorized Representative _____

Date _____

Sampled by Earthtech, Inc.:

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Operator: Rockwood Stone, LLC
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 Permit No: 56250301
 Township: Black
 County: Somerset

Monitoring Point I.D.: 26
 Latitude: 39° 54' 35" N and
 Longitude: 79° 09' 21" W
 Surface Elevation (MSL): 1965'

Description of Sample Point**: _____

Spring on powerline

Instructions: Use a separate sheet for each sample point and list results consecutively by date.

Date Sampled	Method of Flow Measure- ment	Flow (GPM) or Static Water Elevation	Field pH	Lab pH	Suspended Solids mg/l	Specific Conductance (micromhos/cm) @ 25° C	Field Temp. °C	Alkalinity mg/l	Acidity mg/l	Iron mg/l	Manganese mg/l	Aluminum mg/l	Sulfate mg/l	Total Dissolved Solids (mg/l)	Laboratory and Name of Sampler
								Submit above as requested by the Department							
5/13/2025	XS	12		4.96	<5	98	10	<10	13	<0.05	0.22	0.2	<5		Geochemical Testing - AS
6/2/2025	XS	14	7.4	5.19	<5	63	11	<10	10	0.30	0.26	0.3	8		Geochemical Testing - AS

Signature of Permittee or Responsible Official or Authorized Representative _____

Date _____

Sampled by Earthtech, Inc.:

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JE - Joel Emert

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Operator: Rockwood Stone, LLC
 Operation Name: Rockwood Quarry
 Permit No: 56250301
 Township: Black
 County: Somerset

Monitoring Point I.D.: 27
 Latitude: 39° 54' 35" N and
 Longitude: 79° 09' 21" W
 Surface Elevation (MSL): 1966'

Description of Sample Point**: _____

Spring on powerline

Instructions: Use a separate sheet for each sample point and list results consecutively by date.

Date Sampled	Method of Flow Measure- ment	Flow (GPM) or Static Water Elevation	Field pH	Lab pH	Suspended Solids mg/l	Specific Conductance (micromhos/cm) @ 25° C	Field Temp. °C	Alkalinity mg/l	Acidity mg/l	Iron mg/l	Manganese mg/l	Aluminum mg/l	Sulfate mg/l	Total Dissolved Solids (mg/l)	Laboratory and Name of Sampler
								Submit above as requested by the Department							
5/13/2025	XS	23		5.12	<5	86	10	<10	15	<0.05	0.20	0.2	6		Geochemical Testing - AS
6/2/2025	XS	23	7.2	5.41	<5	40	9	<10	9	0.14	0.12	0.2	6		Geochemical Testing - AS

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Date _____

Sampled by Earthtech, Inc.:

AS - Austin Smay

JE - Joel Emert

** Description should include type of sample point, relation to mine site, treatment and other comments (such as odor, color, etc.)

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Operator: Rockwood Stone, LLC
 Operation Name: Rockwood Quarry
 Permit No: 56250301
 Township: Black
 County: Somerset

Monitoring Point I.D.: 28
 Latitude: 39° 54' 34" N and
 Longitude: 79° 09' 21" W
 Surface Elevation (MSL): 1962'

Description of Sample Point**: _____

Spring off edge of powerline

Instructions: Use a separate sheet for each sample point and list results consecutively by date.

Date Sampled	Method of Flow Measurement	Flow (GPM) or Static Water Elevation	Field pH	Lab pH	Suspended Solids mg/l	Specific Conductance (micromhos/cm) @ 25° C	Field Temp. °C	Alkalinity mg/l	Acidity mg/l	Iron mg/l	Manganese mg/l	Aluminum mg/l	Sulfate mg/l	Total Dissolved Solids (mg/l)	Laboratory and Name of Sampler
								Submit above as requested by the Department							
5/13/2025	XS	16		4.85	<5	52	9	<10	13	<0.05	0.06	0.1	<5		Geochemical Testing - AS
6/2/2025	XS	13	7.0	5.34	<5	34	11	<10	9	0.07	0.04	0.1	5		Geochemical Testing - AS

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Date _____

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JE - Joel Emert

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Abbreviation/Acronym Key:

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Operator: Rockwood Stone, LLC
 Operation Name: Rockwood Quarry
 Permit No: 56250301
 Township: Black
 County: Somerset

Monitoring Point I.D.: 29
 Latitude: 39° 54' 12" N and
 Longitude: 79° 08' 55" W
 Surface Elevation (MSL): 2115'

Description of Sample Point**: _____

Upstream of spring to Unnamed Tributary

Instructions: Use a separate sheet for each sample point and list results consecutively by date.

Date Sampled	Method of Flow Measure- ment	Flow (GPM) or Static Water Elevation	Field pH	Lab pH	Suspended Solids mg/l	Specific Conductance (micromhos/cm) @ 25° C	Field Temp. °C	Alkalinity mg/l	Acidity mg/l	Iron mg/l	Manganese mg/l	Aluminum mg/l	Sulfate mg/l	Total Dissolved Solids (mg/l)	Laboratory and Name of Sampler
								Submit above as requested by the Department							
7/10/2024		DRY													
8/19/2024		DRY													
9/24/2024		DRY													
10/30/2024		DRY													
11/25/2024		DRY													
12/26/2024		DRY													
5/13/2025	XS	47		4.92	<5	21	10	<10	13	<0.05	0.06	0.2	<5		Geochemical Testing - AS
6/2/2025	XS	54	6.9	4.92	<5	23	10	<10	12	<0.05	0.06	0.2	<5		Geochemical Testing - AS
7/29/2025		DRY													Flow Only - AS

Signature of Permittee or Responsible Official or Authorized Representative _____

Date _____

Sampled by Earthtech, Inc.:

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Operator: Rockwood Stone, LLC
 Operation Name: Rockwood Quarry
 Permit No: 56250301
 Township: Black
 County: Somerset

Monitoring Point I.D.: 30
 Latitude: 39° 54' 14" N and
 Longitude: 79° 09' 03" W
 Surface Elevation (MSL): 2100'

Description of Sample Point**: _____

Spring to Unnamed Tributary to Rhoades Creek

Instructions: Use a separate sheet for each sample point and list results consecutively by date.

Date Sampled	Method of Flow Measure- ment	Flow (GPM) or Static Water Elevation	Field pH	Lab pH	Suspended Solids mg/l	Specific Conductance (micromhos/cm) @ 25° C	Field Temp. °C	Alkalinity mg/l	Acidity mg/l	Iron mg/l	Manganese mg/l	Aluminum mg/l	Sulfate mg/l	Total Dissolved Solids (mg/l)	Laboratory and Name of Sampler
								Submit above as requested by the Department							
7/10/2024		DRY													
8/19/2024		DRY													
9/24/2024		DRY													
10/30/2024		DRY													
11/25/2024		DRY													
12/26/2024		DRY													
5/13/2025	XS	310		4.93	<5	22	9	<10	13	<0.05	0.06	0.2	5		Geochemical Testing - AS
6/2/2025	XS	306	7.6	5.04	<5	23	9	<10	10	<0.05	0.06	0.1	<5		Geochemical Testing - AS
7/29/2025		DRY													Flow Only - AS

Signature of Permittee or Responsible Official or Authorized Representative _____

Date _____

Sampled by Earthtech, Inc.:

AS - Austin Smay

JE - Joel Emert

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Operator: Rockwood Stone, LLC
 Operation Name: Rockwood Quarry
 Permit No: 56250301
 Township: Black
 County: Somerset

Monitoring Point I.D.: 31
 Latitude: 39° 54' 16" N and
 Longitude: 79° 09' 22" W
 Surface Elevation (MSL): 1964'

Description of Sample Point**: _____

Water withdrawal point from Rhoades Creek

Instructions: Use a separate sheet for each sample point and list results consecutively by date.

Date Sampled	Method of Flow Measure- ment	Flow (GPM) or Static Water Elevation	Field pH	Lab pH	Suspended Solids mg/l	Specific Conductance (micromhos/cm) @ 25° C	Field Temp. °C	Alkalinity mg/l	Acidity mg/l	Iron mg/l	Manganese mg/l	Aluminum mg/l	Sulfate mg/l	Total Dissolved Solids (mg/l)	Laboratory and Name of Sampler
								Submit above as requested by the Department							
5/20/2025	Est.	TLTG	8.0	7.08	5	69	11	11	4	0.25	0.03	0.1	13		Geochemical Testing - AS
6/2/2025	Est.	TLTG	7.4	7.06	<5	74	10	12	4	0.25	0.03	0.1	13		Geochemical Testing - AS
7/29/2025	XS	1527	6.2	7.41	<5	105	24	21	-8	0.41	0.03	0.1	11		Geochemical Testing - AS

Signature of Permittee or Responsible Official or Authorized Representative _____

Date _____

Sampled by Earthtech, Inc.:

AS - Austin Smay

JE - Joel Emert

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Operator: Rockwood Stone, LLC
 Operation Name: Rockwood Quarry
 Permit No: 56250301
 Township: Black
 County: Somerset

Monitoring Point I.D.: 32
 Latitude: 39° 54' 31" N and
 Longitude: 79° 09' 23" W
 Surface Elevation (MSL): 1954'

Description of Sample Point**: _____

Spring behind Pavolsky Property

Instructions: Use a separate sheet for each sample point and list results consecutively by date.

Date Sampled	Method of Flow Measurement	Flow (GPM) or Static Water Elevation	Field pH	Lab pH	Suspended Solids mg/l	Specific Conductance (micromhos/cm) @ 25° C	Field Temp. °C	Alkalinity mg/l	Acidity mg/l	Iron mg/l	Manganese mg/l	Aluminum mg/l	Sulfate mg/l	Total Dissolved Solids (mg/l)	Laboratory and Name of Sampler
								Submit above as requested by the Department							
5/20/2025	VC	2.2	7.7	5.60	<5	25	8	<10	8	<0.05	<0.01	<0.1	<5		Geochemical Testing - AS
6/2/2025	VC	1.4	7.1	5.59	<5	28	10	<10	9	<0.05	<0.01	<0.1	<5		Geochemical Testing - AS

Signature of Permittee or Responsible Official or Authorized Representative _____

Date _____

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