



COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF WATER STANDARDS AND FACILITY REGULATION

ANALYSIS RESULTS TABLE POLLUTANT GROUP 1
 MODULE 4

Before completing this form, read the step-by-step instructions provided in Appendix 1.

APPLICANT NAME: Pennsylvania Brine Treatment, Inc Rouseville Facility

- Outfall Number** _____ (Show location of sampling point on Line Drawing)
- Intake Sampling Results - Optional (Specify Source: _____)
- Background Sampling Results - Optional (Specify Location of Sample: _____)
- Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing)
- New Discharge (Basis for Information: _____)
- Bypass or Sewer System Overflow (Describe: _____)

POLLUTANT GROUP 1	1. LEVEL PRESENT				2. UNITS		3. Coefficient of Effluent Variability (CV)	
	a. Maximum Daily Value		b. Average of Analysis		c. No. of Analysis	a. Concentration		b. Mass
	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				
Biochemical Oxygen Demand, BOD	NA							
Chemical Oxygen Demand, COD	NA							
Hardness (CaCO ₃)	27,406	30,194			1	mg/l	#/day	
Total Suspended Solids, TSS	1,190	1,311			1	mg/l	#/day	
Total Dissolved Solids, TDS	180,700	199,080			1	mg/l	#/day	
Ammonia as N	4.32	4.8			1	mg/l	#/day	
Nitrate-Nitrite (as N)	NA							
Total Kjeldahl Nitrogen (TKN)	NA							
Phosphorus (as P), Total	NA							
Temperature winter	NA Value					Value		
Temperature summer	NA Value					Value		
pH	Min.	Max. 5.9			1	Standard units	Standard units	

1.a. Maximum Daily Value - Report the **highest** daily value or daily average value from the last year of data. Report both mass and concentration.
 1.b. Average of Analysis - The average of all values within the last year and report both the mass and concentration.
 1.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.

POLLUTANT GROUP 1	Believed Absent <input type="checkbox"/>	1. MDL Used* (µg/L)	2. EPA Method Number Used	3. Level Present				c. Number of Analysis	4. Units		5. Coefficient of Effluent Variability (CV)
				a. Max Daily Value		b. Average of Analysis			Concentration	Mass	
				Concentration	Mass	Concentration	Mass				
Color	<input type="checkbox"/>			NA							
Fecal Coliform	<input type="checkbox"/>			NA							
Fluoride	<input type="checkbox"/>			NA							
Oil and Grease	<input type="checkbox"/>	5,000	1664A	74.4	82		1	mg/l	#/day		
Bromide	<input type="checkbox"/>	10,000	D1246-99	893	983		1	mg/l	#/day		
Chlorine, Total Residual	<input type="checkbox"/>			NA							
Sulfate	<input type="checkbox"/>	50,000	375.4	310	342		1	mg/l	#/day		
Sulfide	<input type="checkbox"/>			NA							
Sulfite	<input type="checkbox"/>			NA							
Surfactants	<input type="checkbox"/>	2,000	SM5540C	5.39	5.9		1	mg/l	#/day		
Aluminum, Total	<input type="checkbox"/>	100	200.7	9,530	10.5		1	ug/l	#/day		
Barium, Total	<input type="checkbox"/>	50	200.7	17,620	19.41		1	ug/l	#/day		
Boron, Total	<input type="checkbox"/>			NA							
Cobalt, Total	<input type="checkbox"/>			NA							
Iron, Total	<input type="checkbox"/>	100	200.7	130,330	143.6		1	ug/l	#/day		
Iron, Dissolved	<input type="checkbox"/>	100	200.7	46,310	51.0		1	ug/l	#/day		
Manganese, Total	<input type="checkbox"/>	50	200.7	13,940	15.4		1	ug/l	#/day		
Radioactivity (Total Alpha and Beta)	<input type="checkbox"/>			NA							
Total Organic Carbon, TOC	<input type="checkbox"/>			NA							
Radium, Total	<input type="checkbox"/>			NA							
Magnesium	<input type="checkbox"/>	5,000	200.7	1,005	1,107		1	mg/l	#/day		
Molybdenum	<input type="checkbox"/>			NA							
Tin, Total	<input type="checkbox"/>			NA							
Titanium, Total	<input type="checkbox"/>			NA							

3. If other data is available (i.e., DMR data, etc.), the past year of data may be used to determine 3a, 3b, 3c, and 5.
- 3.a. Maximum Daily Value – Report the **highest** daily value or daily average value from the last year of data. Report both mass and concentration.
- 3.b. Average of Analysis – Determine the average of all samples taken within the past year. Report both mass and concentration.
- 3.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.

* It is in the applicant's interest to achieve the lowest level of detection possible. This will minimize uncertainty and therefore the need for additional analysis or potential for establishing a large



ANALYSIS RESULTS TABLE POLLUTANT GROUP I
MODULE 4

Before completing this form, read the step-by-step instructions provided in Appendix 1.

APPLICANT NAME	Pennsylvania Brine Treatment, Inc		Rouseville Facility		1. LEVEL PRESENT			2. UNITS		3. Coefficient of Effluent Variability (CV)	
					a. Maximum Daily Value		b. Average of Analysis		c. No. of Analysis		
	(1) Concentration		(2) Mass		(1) Concentration		(2) Mass				
Acidity	37	41							1	mg/l	#/day
Alkalinity	84	93							1	mg/l	#/day
Specific Conductance	114,000	NA							1	umhos/cm	NA
Osmotic Pressure	2,540	NA							1	mOs/kg	NA
Chloride	82,957	91,395							1	mg/l	#/day
Sodium	28,883	31,820							1	mg/l	#/day
Calcium	9,318	10,266							1	mg/l	#/day
Lithium	12.0	13.2							1	mg/l	#/day
Xylene	397	0.44							1	ug/l	#/day

- Outfall Number _____ (Show location of sampling point on Line Drawing)
- Intake Sampling Results - Optional (Specify Source: _____)
- Background Sampling Results - Optional (Specify Location of Sample: _____)
- Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing)
- New Discharge (Basis for Information: _____)
- Bypass or Sewer System Overflow (Describe: _____)

1.a. Maximum Daily Value - Report the highest daily value or daily average value from the last year of data. Report both mass and concentration.
 1.b. Average of Analysis - The average of all values within the last year and report both the mass and concentration.
 1.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.



**ANALYSIS RESULTS TABLE POLLUTANT GROUP 2
 MODULE 5**

Before completing this form, read the step-by-step instructions provided in Appendix 1.

APPLICANT NAME: Pennsylvania Brine Treatment, Inc Rouseville Facility

- Outfall Number _____ (Show location of sampling point on Line Drawing)
- Intake Sampling Results - Optional (Specify Source: _____)
- Background Sampling Results - Optional (Specify Location: _____)
- Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing)
- New Discharge (Basis for Information: _____)
- Bypass or Sewer System Overflow (Describe: _____)

POLLUTANT GROUP 2

Metals	1. MDL Used* (µg/L)	2. EPA Method Number Used	3. Level Present		c. Number of Analysis	4. Units		5. Coefficient of Effluent Variability (CV)
			a. Max Daily Value	b. Average of Analysis		Concentration	Mass	
1M Antimony, Total			Concentration	Concentration				
2M Arsenic, Total	100	200.7	0	0	1	ug/l	#/day	
3M Beryllium, Total	50	200.7	0	0	1	ug/l	#/day	
4M Cadmium, Total	50	200.7	0	0	1	ug/l	#/day	
5M Chromium III			NA					
5M Chromium VI	50	200.7	0	0	1	ug/l	#/day	
6M Copper, Total	100	200.7	100	0.11	1	ug/l	#/day	
7M Lead, Total	50	200.7	290	0.32	1	ug/l	#/day	
8M Mercury, Total			NA					
9M Nickel, Total	50	200.7	0	0	1	ug/l	#/day	
10M Selenium, Total			NA					
11M Silver, Total	100	200.7	0	0	1	ug/l	#/day	

- 3. If other data is available (i.e., DMR data, etc.), the past year of data may be used to determine 3a, 3b, 3c, and 5.
- 3.a. Maximum Daily Value - Report the highest daily value or daily average value from the last year of data. Report both mass and concentration.
- 3.b. Average of Analysis - Determine the average of all samples taken within the past year. Report both mass and concentration.
- 3.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.

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POLLUTANT GROUP 2 Metals	1. MDL Used* (µg/L)	2. EPA Method Number Used	3. Level Present						5. Coefficient of Effluent Variability (CV)
			a. Max Daily Value		b. Average of Analysis		c. Number of Analysis		
			Concentration	Mass	Concentration	Mass	Concentration	Mass	
12M Thallium, Total			NA						
13M Zinc, Total	50	200.7	570	0.63			1		
14M Cyanide, Total			NA					ug/l	#/day
14M Cyanide, Free			NA						
15M Phenols, Total	5	420.1	171	0.19			1	ug/l	#/day

3. If other data is available (i.e., DMR data, etc.), the past year of data may be used to determine 3a, 3b, 3c, and 5.

3.a. Maximum Daily Value - Report the highest daily value or daily average value from the last year of data. Report both mass and concentration.

3.b. Average of Analysis - Determine the average of all samples taken within the past year. Report both mass and concentration.

3.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.

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COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF WATER STANDARDS AND FACILITY REGULATION

ANALYSIS RESULTS TABLE POLLUTANT GROUP 3
 MODULE 6

Before completing this form, read the step-by-step instructions provided in Appendix 1.

APPLICANT NAME: Pennsylvania Brine Treatment, Inc Rouseville Facility

- Outfall Number _____ (Show location of sampling point on Line Drawing)
- Intake Sampling Results - Optional (Specify Source: _____)
- Background Sampling Results - Optional (Specify Location: _____)
- Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing)
- New Discharge (Basis for Information: _____)
- Bypass or Sewer System Overflow (Describe: _____)

POLLUTANT GROUP 3 Volatiles	1. MDL Used* (µg/L)	2. EPA Method Number Used	3. Level Present				c. Number of Analysis	4. Units		5. Coefficient of Effluent Variability (CV)
			a. Max Daily Value		b. Average of Analysis			Concentration	Mass	
			Concentration	Mass	Concentration	Mass				
1V Acrolein			NA							
2V Acrylonitrile			NA							
3V Benzene	5	624/8260B	283.6	0.31		1	ug/l	#/day		
5V Bromoform			NA							
6V Carbon Tetrachloride			NA							
7V Chlorobenzene			NA							
8V Chlorodibromomethane			NA							
9V Chloroethane			NA							
10V 2-Chloroethylvinyl Ether			NA							

- 3. If other data is available (i.e., DMR data, etc.), the past year of data may be used to determine 3a, 3b, 3c, and 5.
- 3.a. Maximum Daily Value - Report the highest daily value or daily average value from the last year of data. Report both mass and concentration.
- 3.b. Average of Analysis - Determine the average of all samples taken within the past year. Report both mass and concentration.
- 3.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.

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POLLUTANT GROUP 3 Volatiles		1. MDL Used* (µg/L)	2. EPA Method Number Used	3. Level Present				5. Coefficient of Effluent Variability (CV)		
				a. Max Daily Value		b. Average of Analysis			4. Units	
				Concentration	Mass	Concentration	Mass		Concentration	Mass
11V	Chloroform			NA						
12V	Dichlorobromomethane			NA						
14V	1,1-Dichloroethane			NA						
15V	1,2-Dichloroethane			NA						
16V	1,1-Dichloroethylene			NA						
17V	1,2 Dichloropropane			NA						
18V	1, 3-Dichloropropylene			NA						
19V	Ethylbenzene	5	624/8260B	40.5	0.04			ug/l	#/day	
20V	Methyl Bromide			NA						
21V	Methyl Chloride			NA						
22V	Methylene Chloride			NA						
23V	1,1,2,2-Tetrachloroethane			NA						
24V	Tetrachloroethylene			NA						
25V	Toluene	5	624/8260B	306.7	0.34			ug/l	#/day	
26V	1,2-Trans-dichloroethylene			NA						
27V	1,1,1-Trichloroethane			NA						
28V	1,1,2-Trichloroethane			NA						
29V	Trichloroethylene			NA						
31V	Vinyl Chloride			NA						

- 3. If other data is available (i.e., DMR data, etc.), the past year of data may be used to determine 3a, 3b, 3c, and 5.
- 3.a. Maximum Daily Value - Report the highest daily value or daily average value from the last year of data. Report both mass and concentration.
- 3.b. Average of Analysis - Determine the average of all samples taken within the past year. Report both mass and concentration.
- 3.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.

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COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF WATER STANDARDS AND FACILITY REGULATION

ANALYSIS RESULTS TABLE POLLUTANT GROUP 1
 MODULE 4

Before completing this form, read the step-by-step instructions provided in Appendix 1.

APPLICANT NAME: Pennsylvania Brine Treatment, Inc Rouseville Facility

- Outfall Number _____ (Show location of sampling point on Line Drawing)
- Intake Sampling Results - Optional (Specify Source: _____)
- Background Sampling Results - Optional (Specify Location of Sample: _____)
- Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing)
- New Discharge (Basis for Information: PBT Franklin Facility)
- Bypass or Sewer System Overflow (Describe: _____)

POLLUTANT GROUP 1	1. LEVEL PRESENT						2. UNITS		3. Coefficient of Effluent Variability (CV)
	a. Maximum Daily Value		b. Average of Analysis		c. No. of Analysis	a. Concentration	b. Mass		
	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass					
Biochemical Oxygen Demand, BOD	310	473	267	399	3	mg/l	#/day		
Chemical Oxygen Demand, COD	42,000	53,943	29,735	43,669	4	mg/l	#/day		
Hardness (CaCO ₃)	31,240	38,638	26,983	34,810	4	mg/l	#/day		
Total Suspended Solids, TSS	68	62	18	19	62	mg/l	#/day		
Total Dissolved Solids, TDS	190,800	235,986	129,000	166,839	4	mg/l	#/day		
Ammonia as N	69.4	62.2	48.2	61.0	4	mg/l	#/day		
Nitrate-Nitrite (as N)	0.2	0.3			1	mg/l	#/day		
Total Kjeldahl Nitrogen (TKN)	58.7	75.4	48.2	71.0	4	mg/l	#/day		
Phosphorus (as P), Total	NA								
Temperature winter	NA Value		Value						
Temperature summer	NA Value		Value						
pH	Min. 7.83	Max. 8.99			62	Standard units	Standard units		

1. a. Maximum Daily Value - Report the highest daily value or daily average value from the last year of data. Report both mass and concentration.
 1. b. Average of Analysis - The average of all values within the last year and report both the mass and concentration.
 1. c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.

POLLUTANT GROUP 1	Believed Absent	1. MDL Used* (µg/L)	2. EPA Method Number Used	3. Level Present				5. Coefficient of Effluent Variability (CV)			
				a. Max Daily Value		b. Average of Analysis			4. Units		
				Concentration	Mass	Concentration	Mass		Concentration	Mass	
Color	<input type="checkbox"/>			NA							
Fecal Coliform	<input type="checkbox"/>			NA							
Fluoride	<input type="checkbox"/>			NA							
Oil and Grease	<input type="checkbox"/>	5,000	1664A	48.0	43.2	3.3	3.2		mg/l	#/day	
Bromide	<input type="checkbox"/>	10,000	D1246-99	905	1,119	850	1,114		mg/l	#/day	
Chlorine, Total Residual	<input type="checkbox"/>			NA							
Sulfate	<input type="checkbox"/>	50,000	375.4	340	421	141	180		mg/l	#/day	
Sulfide	<input type="checkbox"/>			NA							
Sulfite	<input type="checkbox"/>			NA							
Surfactants	<input type="checkbox"/>	2,000	SM5540C	39	35	26	32		mg/l	#/day	
Aluminum, Total	<input type="checkbox"/>	100	200.7	0	0	0	0		ug/l	#/day	
Barium, Total	<input type="checkbox"/>	50	200.7	49,420	44.31	15,784	19.14		ug/l	#/day	
Boron, Total	<input type="checkbox"/>	100	200.7	14,000	21.4	5,873	8.5		ug/l	#/day	
Cobalt, Total	<input type="checkbox"/>	100	200.7	0	0	0	0		ug/l	#/day	
Iron, Total	<input type="checkbox"/>	100	200.7	5,640	4.9	722	0.7		ug/l	#/day	
Iron, Dissolved	<input type="checkbox"/>	100	200.7	1,560	2.38	453	0.68		ug/l	#/day	
Manganese, Total	<input type="checkbox"/>	50	200.7	2,770	4.38	938	1.32		ug/l	#/day	
Radioactivity (Total Alpha and Beta)	<input type="checkbox"/>	Varies	900.0	<1,622	NA	<1,099	NA		pCi/L	NA	
Total Organic Carbon, TOC	<input type="checkbox"/>			NA							
Radium, Total	<input type="checkbox"/>			NA							
Magnesium	<input type="checkbox"/>	5,000	200.7	997	1,576	835	1,065		mg/l	#/day	
Molybdenum	<input type="checkbox"/>	100	200.7	0	0	0	0		ug/l	#/day	
Tin, Total	<input type="checkbox"/>			NA							
Titanium, Total	<input type="checkbox"/>			NA							

3. If other data is available (i.e., DMR data, etc.), the past year of data may be used to determine 3a, 3b, 3c, and 5.
 3.a. Maximum Daily Value - Report the highest daily value or daily average value from the last year of data. Report both mass and concentration.
 3.b. Average of Analysis - Determine the average of all samples taken within the past year. Report both mass and concentration.
 3.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

Applicant Name:

ANALYSIS RESULTS TABLE POLLUTANT GROUP I
MODULE 4

Before completing this form, read the step-by-step instructions provided in Appendix 1.

APPLICANT NAME Pennsylvania Brine Treatment, Inc Rouseville Facility

- Outfall Number** _____ (Show location of sampling point on Line Drawing)
- Intake Sampling Results - Optional (Specify Source: _____)
- Background Sampling Results - Optional (Specify Location of Sample: _____)
- Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing)
- New Discharge (Basis for Information: PBT)
- Bypass or Sewer System Overflow (Describe: _____)

1. LEVEL PRESENT

POLLUTANT GROUP 1	a. Maximum Daily Value		b. Average of Analysis		c. No. of Analysis	2. UNITS		3. Coefficient of Effluent Variability (CV)
	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass		a. Concentration	b. Mass	
Acidity	47	63.1	3	4.1	17	mg/l	#/day	
Alkalinity	218	196	122	152	17	mg/l	#/day	
Specific Conductance	113,524	NA	102,893	NA	4	umhos/cm	NA	
Osmotic Pressure	2,740	NA	2,305	NA	4	mOs/kg	NA	
Chloride	98,000	70,290	60,983	65,221	62	mg/l	#/day	
Sodium	32,945	40,747	25,424	32,088	4	mg/l	#/day	
Calcium	11,006	13,612	9,429	12,184	4	mg/l	#/day	
Lithium	22.7	20.4	12.9	15.5	4	mg/l	#/day	
Xylene	267.27	0.42	151.41	0.21	4	ug/l	#/day	
Strontium	409	624	391	576	3	mg/l	#/day	

- 1.a. Maximum Daily Value - Report the highest daily value or daily average value from the last year of data. Report both mass and concentration.
- 1.b. Average of Analysis - The average of all values within the last year and report both the mass and concentration.
- 1.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.



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BUREAU OF WATER STANDARDS AND FACILITY REGULATION

ANALYSIS RESULTS TABLE POLLUTANT GROUP 2
MODULE 5

Before completing this form, read the step-by-step instructions provided in Appendix 1.

APPLICANT NAME		Pennsylvania Brine Treatment, Inc		Rouseville Facility							
POLLUTANT GROUP 2	Metals	1. MDL Used* (µg/L)	2. EPA Method Number Used	3. Level Present			c. Number of Analysis	4. Units		5. Coefficient of Effluent Variability (CV)	
				a. Max Daily Value		b. Average of Analysis		Concentration	Mass		
				Concentration	Mass	Concentration					Mass
1M	Antimony, Total			NA							
2M	Arsenic, Total	100	200.7	0	0	0	4	ug/l	#/day		
3M	Beryllium, Total	50	200.7	0	0	0	4	ug/l	#/day		
4M	Cadmium, Total	50	200.7	0	0	0	4	ug/l	#/day		
5M	Chromium III			NA							
5M	Chromium VI	50	200.7	0	0	0	4	ug/l	#/day		
6M	Copper, Total	100	200.7	267	0.2	106	17	ug/l	#/day		
7M	Lead, Total	50	200.7	0	0	0	4	ug/l	#/day		
8M	Mercury, Total	0.2	SM3112B	0	0	0	4	ug/l	#/day		
9M	Nickel, Total	50	200.7	0	0	0	4	ug/l	#/day		
10M	Selenium, Total	10	SM3113B	0	0	0	4	ug/l	#/day		
11M	Silver, Total	100	200.7	0	0	0	17	ug/l	#/day		

- Outfall Number _____ (Show location of sampling point on Line Drawing)
- Intake Sampling Results - Optional (Specify Source: _____)
- Background Sampling Results - Optional (Specify Location: _____)
- Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing)
- New Discharge (Basis for Information: PBT Franklin Facility)
- Bypass or Sewer System Overflow (Describe: _____)

3. If other data is available (i.e., DMR data, etc.), the past year of data may be used to determine 3a, 3b, 3c, and 5.
 3.a. Maximum Daily Value - Report the highest daily value or daily average value from the last year of data. Report both mass and concentration.
 3.b. Average of Analysis - Determine the average of all samples taken within the past year. Report both mass and concentration.
 3.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.

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12M 13M 14M 14M 15M	Metals	1. MDL Used* (µg/L)	2. EPA Method Number Used	3. Level Present				4. Units		5. Coefficient of Effluent Variability (CV)	
				a. Max Daily Value		b. Average of Analysis		c. Number of Analysis	Concentration		Mass
				Concentration	Mass	Concentration	Mass				
	Thallium, Total			NA							
	Zinc, Total	50	200.7	0	0	0	0	4	ug/l	#/day	
	Cyanide, Total			NA							
	Cyanide, Free			NA							
	Phenols, Total	5	420.1	108	0.10	46.21	0.05	4	ug/l	#/day	

3. If other data is available (i.e., DMR data, etc.), the past year of data may be used to determine 3a, 3b, 3c, and 5.

3.a. Maximum Daily Value - Report the highest daily value or daily average value from the last year of data. Report both mass and concentration.

3.b. Average of Analysis - Determine the average of all samples taken within the past year. Report both mass and concentration.

3.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.

* It is in the applicant's interest to achieve the lowest level of detection possible. This will minimize uncertainty and therefore the need for additional analysis or potential for establishing a large number of effluent limits and/or monitoring requirements in the final NPDES permit.



**ANALYSIS RESULTS TABLE POLLUTANT GROUP 3
 MODULE 6**

Before completing this form, read the step-by-step instructions provided in Appendix 1.

APPLICANT NAME: Pennsylvania Brine Treatment, Inc Rouseville Facility

- Outfall Number** _____ (Show location of sampling point on Line Drawing)
- Intake Sampling Results - Optional (Specify Source: _____)
- Background Sampling Results - Optional (Specify Location: _____)
- Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing)
- New Discharge (Basis for Information: EPT Franklin Facility)
- Bypass or Sewer System Overflow (Describe: _____)

POLLUTANT GROUP 3

1V Acrolein	1. MDL Used* (µg/L)	2. EPA Method Number Used	3. Level Present			4. Units		5. Coefficient of Effluent Variability (CV)	
			a. Max Daily Value		b. Average of Analysis		Concentration		Mass
			Concentration	Mass	Concentration	Mass			
2V Acrylonitrile			NA						
3V Benzene	5	624/8260B	141	0.13	108.97	0.14	4	ug/l #/day	
5V Bromoform			NA						
6V Carbon Tetrachloride			NA						
7V Chlorobenzene			NA						
8V Chlorodibromomethane			NA						
9V Chloroethane			NA						
10V 2-Chloroethylvinyl Ether			NA						

- 3. If other data is available (i.e., DMR data, etc.), the past year of data may be used to determine 3a, 3b, 3c, and 5.
- 3.a. Maximum Daily Value - Report the highest daily value or daily average value from the last year of data. Report both mass and concentration.
- 3.b. Average of Analysis - Determine the average of all samples taken within the past year. Report both mass and concentration.
- 3.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.

It is in the applicant's interest to achieve the lowest level of detection possible. This will minimize uncertainty and therefore the need for additional analysis or potential for establishing a large number of effluent limits and/or monitoring requirements in the final NPDES permit.

POLLUTANT GROUP 3 Volatiles	1. MDL Used* (µg/L)	2. EPA Method Number Used	3. Level Present				4. Units		5. Coefficient of Effluent Variability (CV)
			a. Max Daily Value		b. Average of Analysis		Concentration	Mass	
			Concentration	Mass	Concentration	Mass			
11V Chloroform			NA						
12V Dichlorobromomethane			NA						
14V 1,1-Dichloroethane			NA						
15V 1,2-Dichloroethane			NA						
16V 1,1-Dichloroethylene			NA						
17V 1,2 Dichloropropane			NA						
18V 1, 3-Dichloropropylene			NA						
19V Ethylbenzene	5	624/8260B	25.90	0.03	17.87	0.02	4	ug/l	#/day
20V Methyl Bromide			NA						
21V Methyl Chloride			NA						
22V Methylene Chloride			NA						
23V 1,1,2,2-Tetrachloroethane			NA						
24V Tetrachloroethylene			NA						
25V Toluene	5	624/8260B	251.72	0.40	185.09	0.24	4	ug/l	#/day
26V 1,2-Trans-dichloroethylene			NA						
27V 1,1,1-Trichloroethane			NA						
28V 1,1,2-Trichloroethane			NA						
29V Trichloroethylene			NA						
31V Vinyl Chloride			NA						

3. If other data is available (i.e., DMR data, etc.), the past year of data may be used to determine 3a, 3b, 3c, and 5.
- 3.a. Maximum Daily Value – Report the highest daily value or daily average value from the last year of data. Report both mass and concentration.
- 3.b. Average of Analysis – Determine the average of all samples taken within the past year. Report both mass and concentration.
- 3.c. A minimum of 3 Sampling Events required for process wastewater discharges, and a minimum of 1 Sampling Event for all other discharges, treatment facility influent, intake water and background.

It is in the applicant's interest to achieve the lowest level of detection possible. This will minimize uncertainty and therefore the need for additional analysis or potential for establishing a large number of effluent limits and/or monitoring requirements in the final NPDES permit.