Stakeholders Answering Their Own Questions

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Beth Roberts – Data Analyst



Today's Objectives

Answering data questions:

- Has my data loaded?
- Is it complete?
- What does the data mean?

Project Portal Reporting Module

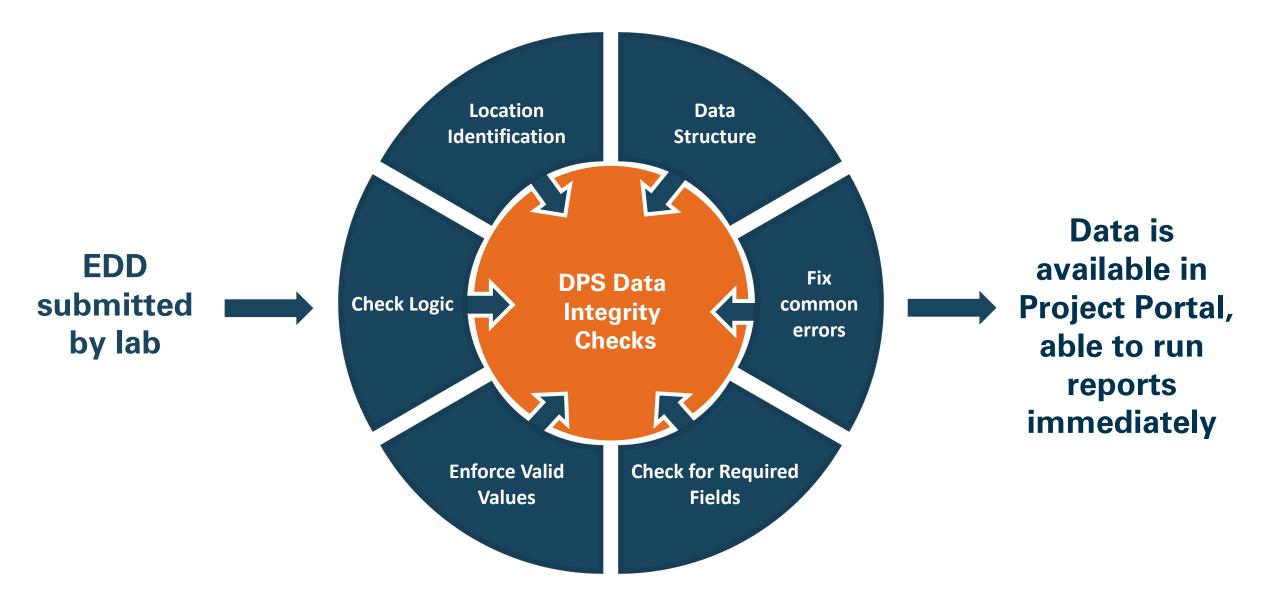


- EDD Import Process
- SDG Summary Report Example
- Sample Summary Report Example











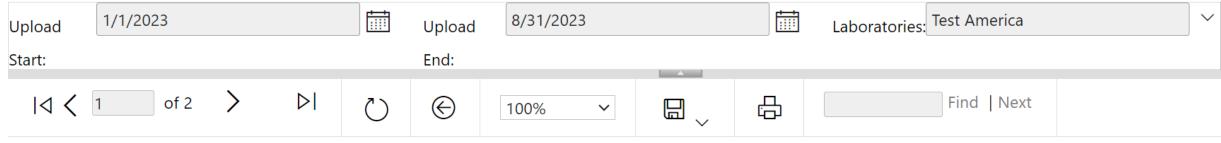
Report Module

Reports

	S	earch By Report Name	Add New Report
Report Name	Report Description	Module	Run Report
Greenhouse Gas Emissions (ESG Exa	ESG Summary Report of Treatment System Greenhouse Gas Emissions	Q	0
••• Data - Analytical (Compounds across t	Data Table - Analytical results with Limits. Locations are in rows, Compounds are ac	rros 🖉	0
••• Data - Analytical (Locations across the	Data Table - Analytical results with Limits. Compounds are in rows, Locations are ad	rros 🖉	0
••• Data - Analytical By Groups	Data Table - Analytical results reported by Location Group and Parameter Group	<u> </u>	0
••• Data - Analytical by SDG	Data Table - Analytical results reported by SDG	<u>_</u>	0
••• Data - Basic Database Stats	Data - Basic Project Portal database summary statistics	Q	0
••• Data - Locations	Data Table - Overview of Location Information	<u> </u>	0
••• Data - Locations Detailed	Data Table - Detailed Location Information	Q.	0



Lab EDD Summary Report

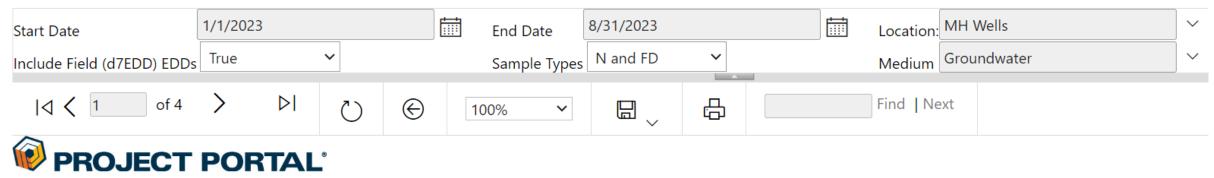


PROJECT PORTAL

SDG	Source	# Results	# Distinct Locations	# Normal Samples	Max Sample Date	Laboratory	Upload Date
200-2301022-1	88880005-2301022-1.zip	126	5	4	1/15/2023	Test America	6/20/2023
2203333	88880005-2203333-1.zip	678	10	9	3/16/2022	Test America	6/29/2023
2209823	88880005-2209823-1.zip	678	10	9	9/17/2022	Test America	6/29/2023
2301017	88880005-2301017-1.zip	678	10	9	1/15/2023	Test America	6/29/2023
2304321	88880005-2304321-1.zip	678	10	9	6/15/2023	Test America	6/27/2023



Sample Details Report part 1



PetroIndustries, Inc. (Demo)

Sample Overview

Sample Location	Sample Count	N Samples	FD Samples	Record Count	Sample Types	Earliest Sample	Latest Sample
MH-209	2	2	0	147	Ν	1/15/2023	<mark>6/15/2023</mark>
MH-210	2	2	0	147	Ν	1/15/2023	<mark>6/15/</mark> 2023
MH-211	2	2	0	147	Ν	1/15/2023	<mark>6/15/2023</mark>
MH-212	4	2	2	294	FD, N	1/15/2023	6/15/2023
MH-213	2	2	0	126	Ν	1/15/2023	6/15/2023
Totals	12	10	2	861	FD, N	1/15/2023	6/15/2023



Sample Details Report part 2

Start Date	1/1/2023	E E	ind Date 8/31/202	23	i i i i	Location: MH Wells	~	Vie
Include Field (d7EDD) EDD	os True 🗸	S	Sample Types N and F	FD 🗸		Medium Groundwate	r ~	
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Sample Details

Sample Location	Sample Date	Sample ID	Sample Type	Medium	Methods	Sources
MH-209	2023-01-15 08:30:00	MH-209-20230115	N	Groundwater	EPA 537 MOD, SM 4500-NH3-H, SW-846 6010D, SW- 846 8260C	88880005-2301017-1.zip, 88880005-2301022-1.zip
MH-209	2023-06-15 09:40:00	MH-209-20230615	N	Groundwater	SM 4500-NH3-H, SW-846 6010D, SW-846 8260C	88880005-2304321-1.zip
MH-210	2023-01-15 10:30:00	MH-210-20230115	Ν	Groundwater	EPA 537 MOD, SM 4500-NH3-H, SW-846 6010D, SW- 846 8260C	88880005-2301017-1.zip, 88880005-2301022-1.zip
MH-210	2023-06-15 10:15:00	MH-210-20230615	N	Groundwater	SM 4500-NH3-H, SW-846 6010D, SW-846 8260C	88880005-2304321-1.zip
MH-211	2023-01-15 11:00:00	MH-211-20230115	N	Groundwater	EPA 537 MOD, SM 4500-NH3-H, SW-846 6010D, SW- 846 8260C	88880005-2301017-1.zip, 88880005-2301022-1.zip
MH-211	2023-06-15 10:30:00	MH-211-20230615	N	Groundwater	SM 4500-NH3-H, SW-846 6010D, SW-846 8260C	88880005-2304321-1.zip
MH-212	2023-01-15 12:30:00	DUP-2-20230115	FD	Groundwater	EPA 537 MOD, SM 4500-NH3-H, SW-846 6010D, SW- 846 8260C	88880005-2301017-1.zip, 88880005-2301022-1.zip
MH-212	2023-01-15 12:30:00	MH-212-20230115	Ν	Groundwater	EPA 537 MOD, SM 4500-NH3-H, SW-846 6010D, SW- 846 8260C	88880005-2301017-1.zip, 88880005-2301022-1.zip
MH-212	2023-06-15 11:30:00	DUP-2-20230615	FD	Groundwater	SM 4500-NH3-H, SW-846 6010D, SW-846 8260C	88880005-2304321-1.zip
MH-212	2023-06-15 11:30:00	MH-212-20230615	Ν	Groundwater	SM 4500-NH3-H, SW-846 6010D, SW-846 8260C	88880005-2304321-1.zip
MH-213	2023-01-15 12:10:00	MH-213-20230115	N	Groundwater	SM 4500-NH3-H, SW-846 6010D, SW-846 8260C	88880005-2301017-1.zip
MH-213	2023-06-15 12:10:00	MH-213-20230615	N	Groundwater	SM 4500-NH3-H, SW-846 6010D, SW-846 8260C	88880005-2304321-1.zip

- SDG Analytical Report Example
- Grouping based on Location, Method and Parameter







SDG Analytical

Start Date 1/1/2021	End Date	8/24/2023	SD	JG: 2203333 ✓
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PROJECT PORTAL

		Location	MH-209	MH-210	MH-211	MH-212	MH-212	MH-213
		Date	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM	3/16/2022 12:20:00 PM	3/16/2022 12:20:00 PM	3/16/2022 10:50:00 AM
		Sample ID	MH-209-20220315	MH-210-20220315	MH-211-20220315	MH-212-20220315	DUP-2-20220315	MH-213-20220315
		Task						
		SDG	2203333	2203333	2203333	2203333	2203333	2203333
		Laboratory	Test America	Test America	Test America	Test America	Test America	Test America
Parameter	CAS	Units	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
SM 4500-NH3-H								
Ammonia (NH3)	7664-41-7	mg/l	61.4	275	283	0.061 J	0.402	0.769
SW-846 6010D								
Arsenic	7440-38-2	mg/l	0.857	0.0516	0.0489	0.198	0.0030 U	0.0030 U
Barium	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0011	0.0012
Zinc	7440-66-6	mg/l	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	0.842	0.051	0.052	0.184	0.003 U	0.003 U
Barium, Dissolved	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium, Dissolved	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper, Dissolved	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead, Dissolved	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U



SDG Analytical

Start Date 1/1/2021	End	Date 8/24/2023		SDG: 2203333 V	
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PROJECT PORTAL

		Location	MH-209	MH-210	MH-211	MH-212	MH-212	MH-213
		Date	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM	3/16/2022 12:20:00 PM	3/16/2022 12:20:00 PM	3/16/2022 10:50:00 AM
		Sample ID	MH-209-20220315	MH-210-20220315	MH-211-20220315	MH-212-20220315	DUP-2-20220315	MH-213-20220315
		Task						
		SDG	2203333	2203333	2203333	2203333	2203333	2203333
		Laboratory	Test America	Test America	Test America	Test America	Test America	Test America
Parameter	CAS	Units	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
SM 4500-NH3-H								
Ammonia (NH3)	7664-41-7	mg/I	61.4	275	283	0.061 J	0.402	0.769
SW-846 6010D								
Arsenic	7440-38-2	mg/I	0.857	0.0516	0.0489	0.198	0.0030 U	0.0030 U
Barium	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0011	0.0012
Zinc	7440-66-6	mg/l	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/I	0.842	0.051	0.052	0.184	0.003 U	0.003 U
Barium, Dissolved	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium, Dissolved	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper, Dissolved	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead, Dissolved	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U



SDG Analytical

Start Date 1/1/2021	End Date	8/24/2023	SD	JG: 2203333 ✓
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PROJECT PORTAL

		Location	MH-209	MH-210	MH-211	MH-212	MH-212	MH-213
		Date	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM	3/16/2022 12:20:00 PM	3/16/2022 12:20:00 PM	3/16/2022 10:50:00 AM
		Sample ID	MH-209-20220315	MH-210-20220315	MH-211-20220315	MH-212-20220315	DUP-2-20220315	MH-213-20220315
		Task						
		SDG	2203333	2203333	2203333	2203333	2203333	2203333
		Laboratory	Test America	Test America	Test America	Test America	Test America	Test America
Parameter	CAS	Units	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
SM 4500-NH3-H								
Ammonia (NH3)	7664-41-7	mg/l	61.4	275	283	0.061 J	0.402	0.769
SW-846 6010D								
Arsenic	7440-38-2	mg/l	0.857	0.0516	0.0489	0.198	0.0030 U	0.0030 U
Barium	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium	440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper	440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead	439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Nickel	440-02-0	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0011	0.0012
Zinc	7440-66-6	mg/l	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	0.842	0.051	0.052	0.184	0.003 U	0.003 U
Barium, Dissolved	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium, Dissolved	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper, Dissolved	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead, Dissolved	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U



SDG Analytical

Start Date 1/1/2021	End Date 8/24/2	2023	SDG: 220333	33 🗸				
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PROJECT PORTAL								
PetroIndustries, Inc. (Demo)								
		Location	MH-209	MH-210	MH-211	MH-212	MH-212	MH-213
		Date	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM	3/16/2022 12:20:00 PM	3/16/2022 12:20:00 PM	3/16/2022 10:50:00 AM
		Sample ID	MH-209-20220315	MH-210-20220315	MH-211-20220315	MH-212-20220315	DUP-2-20220315	MH-213-20220315
		Task						
		SDG	2203333	2203333	2203333	2203333	2203333	2203333
		Laboratory	Test America	Test America	Test America	Test America	Test America	Test America
Parameter	CAS	Units	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
SM 4500-NH3-H								
Ammonia (NH3)	7664-41-7	mg/l	61.4	275	283	0.061 J	0.402	0.769
SW-846 6010D								
Arsenic	7440-38-2	mg/l	0.857	0.0516	0.0489	0.198	0.0030 U	0.0030 U
Barium	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0011	0.0012
Zinc	7440-66-6	mg/l	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	0.842	0.051	0.052	0.184	0.003 U	0.003 U
Barium, Dissolved	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium, Dissolved	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper, Dissolved	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead, Dissolved	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U



SDG Analytical

Start Date 1/1/2021	End Date	8/24/2023	s:	DG: 2203333 V
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PROJECT PORTAL

		Location	MH-209	MH-210	MH-211	MH-212	MH-212	MH-213
		Date	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM	3/16/2022 12:20:00 PM	3/16/2022 12:20:00 PM	3/16/2022 10:50:00 AM
		Sample ID	MH-209-20220315	MH-210-20220315	MH-211-20220315	MH-212-20220315	DUP-2-20220315	MH-213-20220315
		Task						
		SDG	2203333	2203333	2203333	2203333	2203333	2203333
		Laboratory	Test America	Test America	Test America	Test America	Test America	Test America
Parameter	CAS	Units	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
SM 4500-NH3-H								
Ammonia (NH3)	7664-41-7	mg/l	61.4	275	283	0.061 J	0.402	0.769
SW-846 6010D								
Arsenic	7440-38-2	mg/l	0.857	0.0516	0.0489	0.198	0.0030 U	0.0030 U
Barium	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0011	0.0012
Zinc	7440-66-6	mg/l	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	0.842	0.051	0.052	0.184	0.003 U	0.003 U
Barium, Dissolved	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium, Dissolved	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper, Dissolved	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead, Dissolved	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U



SDG Analytical

Start Date 1/1/2021	End Date	8/24/2023	SDG: 22033					
		100% 🗸		Find Next				
etroIndustries, Inc. (Demo)								
		Location	MH-209	MH-210	MH-211	MH-212	MH-212	MH-213
		Date	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM	3/16/2022 12:20:00 PM	3/16/2022 12:20:00 PM	3/16/2022 10:50:00 A
		Sample ID	MH-209-20220315	MH-210-20220315	MH-211-20220315	MH-212-20220315	DUP-2-20220315	MH-213-20220315
		Task						
		SDG	2203333	2203333	2203333	2203333	2203333	2203333
		Laboratory	Test America	Test America	Test America	Test America	Test America	Test America
arameter	CAS	Units	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
M 4500-NH3-H	7554 44 7			275	202	0.0511	0.402	0.700
Ammonia (NH3)	7664-41-7	mg/l	61.4	275	283	0.061 J	0.402	0.769
SW-846 6010D Arsenic	7440-38-2	mg/l	0.857	0.0516	0.0489	0.198	0.0030 U	0.0030 U
Barrum	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0011	0.0012
Zipc	7440-66-6	mg/l	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	0.842	0.051	0.052	0.184	0.003 U	0.003 U
Daman	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium, Dissolved	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper, Dissolved	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead, Dissolved	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U



SDG Analytical

Start Date 1/1/2021	End Date 8/24/2023 SDG: 2203333	
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PROJECT PORTAL

		Location	MH-209	MH-210	MH-211	MH-212	MH-212	MH-213
		Date	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM	3/16/2022 12:20:00 PM	3/16/2022 12:20:00 PM	3/16/2022 10:50:00 AM
		Sample ID	MH-209-20220315	MH-210-20220315	MH-211-20220315	MH-212-20220315	DUP-2-20220315	MH-213-20220315
		Task						
		SDG	2203333	2203333	2203333	2203333	2203333	2203333
		Laboratory	Test America	Test America	Test America	Test America	Test America	Test America
Parameter	CAS	Units	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
SM 4500-NH3-H								
Ammonia (NH3)	7664-41-7	mg/l	61.4	275	283	0.061 J	0.402	0.769
SW-846 6010D								
Arsenic	7440-38-2	mg/l	0.857	0.0516	0.0489	0.198	0.0030 U	0.0030 U
Barium	7440-39-3	mg/l	0.0050-0	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0011	0.0012
Zinc	7440-66-6	mg/l	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	0.842	0.051	0.052	0.184	0.003 U	0.003 U
Barium, Dissolved	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium, Dissolved	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper, Dissolved	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead, Dissolved	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U



SDG Analytical

Start Date 1/1/2021	End Date	8/24/2023	SD	JG: 2203333 ✓
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PROJECT PORTAL

		Location	MH-209	MH-210	MH-211	MH-212	MH-212	MH-213
		Date	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM	3/16/2022 12:20:00 PM	3/16/2022 12:20:00 PM	3/16/2022 10:50:00 AM
		Sample ID	MH-209-20220315	MH-210-20220315	MH-211-20220315	MH-212-20220315	DUP-2-20220315	MH-213-20220315
		Task						
		SDG	2203333	2203333	2203333	2203333	2203333	2203333
		Laboratory	Test America	Test America	Test America	Test America	Test America	Test America
Parameter	CAS	Units	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
SM 4500-NH3-H								
Ammonia (NH3)	7664-41-7	mg/l	61.4	275	283	0.061 J	0.402	0.769
SW-846 6010D								
Arsenic	7440-38-2	mg/l	0.857	0.0516	0.0489	0.198	0.0030 U	0.0030 U
Barium	7440-39-3	mg/l	0.0030 0	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0011	0.0012
Zinc	7440-66-6	mg/l	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	0.842	0.051	0.052	0.184	0.003 U	0.003 U
Barium, Dissolved	7440-39-3	mg/l	Unclosed	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium, Dissolved	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper, Dissolved	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead, Dissolved	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U



SDG Analytical

Start Date 1/1/2021	End Date 8/24/2023 SDG: 2203333	
$ \triangleleft \langle 1 \qquad \text{of 5} \rangle \rangle$	Image: Constraint of the second se	

PROJECT PORTAL

		Location	MH-209	MH-210	MH-211	MH-212	MH-212	MH-213
		Date	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM	3/16/2022 12:20:00 PM	3/16/2022 12:20:00 PM	3/16/2022 10:50:00 AM
		Sample ID	MH-209-20220315	MH-210-20220315	MH-211-20220315	MH-212-20220315	DUP-2-20220315	MH-213-20220315
		Task						
		SDG	2203333	2203333	2203333	2203333	2203333	2203333
		Laboratory	Test America	Test America	Test America	Test America	Test America	Test America
Parameter	CAS	Units	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
SM 4500-NH3-H								
Ammonia (NH3)	7664-41-7	mg/l	61.4	275	283	0.061 J	0.402	0.769
SW-846 6010D								
Arsenic	7440-38-2	mg/l	0.857	0.0516	0.0489	0.198	0.0030 U	0.0030 U
Barium	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025.11	0.0025.11	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	0.0010 U	0.0010-0	0.0020-0	0.0010-0	0.0011	0.0012
Zinc	7440-66-6	mg/l	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	0.842	0.051	0.052	0.184	0.003 U	0.003 U
Barium, Dissolved	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium, Dissolved	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper, Dissolved	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead, Dissolved	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U



SDG Analytical

Start Date 1/1/2021	End Date	8/24/2023	SD	JG: 2203333 ✓
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PROJECT PORTAL

		Location	MH-209	MH-210	MH-211	MH-212	MH-212	MH-213
		Date	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM	3/16/2022 12:20:00 PM	3/16/2022 12:20:00 PM	3/16/2022 10:50:00 AM
		Sample ID	MH-209-20220315	MH-210-20220315	MH-211-20220315	MH-212-20220315	DUP-2-20220315	MH-213-20220315
		Task						
		SDG	2203333	2203333	2203333	2203333	2203333	2203333
		Laboratory	Test America	Test America	Test America	Test America	Test America	Test America
Parameter	CAS	Units	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
SM 4500-NH3-H								
Ammonia (NH3)	7664-41-7	mg/l	61.4	275	283	0.061 J	0.402	0.769
SW-846 6010D								
Arsenic	7440-38-2	mg/l	0.857	0.0516	0.0489	0.198	0.0030 U	0.0030 U
Barium	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0011	0.0012
Zinc	7440-66-6	mg/l	0.0045 U	0.0045 U	0.0045 U	0.0045 U	0.0045	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	0.842	0.051	0.052	0.184	0.003 U	0.003 U
Barium, Dissolved	7440-39-3	mg/l	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U	0.0030 U
Beryllium, Dissolved	7440-41-7	mg/l	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Copper, Dissolved	7440-50-8	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Lead, Dissolved	7439-92-1	mg/l	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U



SDG Analytical

Bold face indicates a detected compound.

There is one row for each combination of parameter and units, so an additional row for the same compound will be added if there are different data units for the same compound.

Chemicals are grouped by Method Class (if available). If no Method Class is available, they are grouped by Analytic Method.

Qualifiers	Definition
U	Not detected above the reporting limit.

Report Parameters (data selections):

Report Name: Data_AnalyticalBySDG

Date Range: 1/1/2021 - 8/24/2023

SDG: 2203333

Created on: 08/24/2023 02:15

Version note, 2/8/2023: Sort dissolved results to the end of the chemical group.

Page 5 of 5

- Everyone is looking for something different!
- Data means different things to different people
- Analytical Crosstab Report with Action Limits Example
- Basic Stats Report Example







Analytical Crosstab – with Action Limits

Start Date	1/1/2021				📅 En	d Date	8/31/2023				Samp Type List	t N and FD 🗸
Medium	Groundwa	ter		~	Lo	c Groups	[All Sample L	ocations]		~	Tasks	(none),Sampling Q2 2023,Systsem l
Method Classes	Field,Metals	s,PAH,PFA	S,Physica	I,SVO	∼ sd	Gs	2203333			\sim	Regulations	(none),Tier I Groundwater,Tier I Ind
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PROJECT PORTAL

Table for Groundwater						
		Location		MH-209	MH-210	MH-211
		Date	Tier I	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM
	Sample ID	Groundwater	MH-209-20220315	MH-210-20220315	MH-211-20220315	
	Task					
Parameter	CAS	Units		Groundwater	Groundwater	Groundwater
Metals						
Arsenic	7440-38-2	mg/l	50 (ug/l)	0.857	0.0516	0.0489
Barium	7440-39-3	mg/l	2000 (ug/l)	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	4 (ug/l)	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	650 (ug/l)	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	7.5 (ug/l)	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	100 (ug/l)	0.0010 U	0.0010 U	0.0010 U
Zinc	7440-66-6	mg/l	5000 (ug/l)	0.0045 U	0.0045 U	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	50 (ug/l)	0.842	0.051	0.052



Analytical Crosstab – with Action Limits

Start Date	1/1/2021		End Date	8/31/2023		Samp Type List	N and FD 🗸
Medium	Groundwater 🗸	_	Loc Groups	[All Sample Locations]	\sim	Tasks	(none),Sampling Q2 2023,Systsem L
Method Classes	Field, Metals, PAH, PFAS, Physical, SVO	`	SDGs	2203333	~	Regulations	(none),Tier I Groundwater,Tier I Indi
⊲ < 1	of 5 > > >) () 100	× L ~ D		Find	d Next

PROJECT PORTAL

Table for Groundwater						
		Location		MH-209	MH-210	MH-211
		Date	Tier I	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM
	Sample ID	Groundwater	MH-209-20220315	MH-210-20220315	MH-211-20220315	
	Task					
Parameter	CAS	Units		Groundwater	Groundwater	Groundwater
Metals						
Arsenic	7440-38-2	mg/l	50 (ug/l)	0.857	0.0516	0.0489
Barium	7440-39-3	mg/l	2000 (ug/l)	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	4 (ug/l)	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	650 (ug/l)	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	7.5 (ug/l)	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	100 (ug/l)	0.0010 U	0.0010 U	0.0010 U
Zinc	7440-66-6	mg/l	5000 (ug/l)	0.0045 U	0.0045 U	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	50 (ug/l)	0.842	0.051	0.052



Analytical Crosstab – with Action Limits

Start Date	1/1/2021					End Date	8/31/2	2023				Samp Type List	st N and FD 🗸
Medium	Groundwat	er		~		Loc Group	s [All Sa	imple Lo	ocations]		\sim	Tasks	(none),Sampling Q2 2023,Systsem l
Method Classes	Field,Metals	,PAH,PFA	S,Physica	I,SVO	\sim	SDGs	22033	33			×	Regulations	(none),Tier I Groundwater,Tier I Ind
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PROJECT PORTAL

Table for Groundwater						
		Location		MH-209	MH-210	MH-211
		Date	Tier I	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM
	Sa ID			MH-209-20220315	MH-210-20220315	MH-211-20220315
	Tas					
Parameter	CAS	Units		Groundwater	Groundwater	Groundwater
Metals						
Arsenic	7440-38-2	mg/l	50 (ug/l)	0.857	0.0516	0.0489
Barium	7440-39-3	mg/l	2000 (ug/l)	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	4 (ug/l)	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	650 (ug/l)	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	7.5 (ug/l)	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	100 (ug/l)	0.0010 U	0.0010 U	0.0010 U
Zinc	7440-66-6	mg/l	5000 (ug/l)	0.0045 U	0.0045 U	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	50 (ug/l)	0.842	0.051	0.052



Analytical Crosstab – with Action Limits

Start Date	1/1/2021				📅 Er	d Date	8/31/2023				Samp Type List	t N and FD 🗸
Medium	Groundwa	ter		~	Lo	c Groups	[All Sample l	ocations]		~	Tasks	(none),Sampling Q2 2023,Systsem l
Method Classes	Field,Metal	s,PAH,PFA	S,Physica	I,SVO	∼ sc	Gs	2203333			\sim	Regulations	(none),Tier I Groundwater,Tier I Ind
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PROJECT PORTAL

		Location		MH-209	MH-210	MH-211
		Date		3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM
	Sample ID	Tier I Groundwater	MH-209-20220315	MH-210-20220315	MH-211-20220315	
		Task				
Parameter	CAS	Units		Groundwater	Groundwater	Groundwater
Metals						
Arsenic	7440-38-2	mg/l	50 (ug/l)	0.857	0.0516	0.0489
Barium	7440-39-3	mg/l	2000 (ug/l)	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	4 (ug/l)	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	650 (ug/l)	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	7.5 (ug/l)	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	100 (ug/l)	0.0010 U	0.0010 U	0.0010 U
Zinc	7440-66-6	mg/l	5000 (ug/l)	0.0045 U	0.0045 U	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	50 (ug/l)	0.842	0.051	0.052



Analytical Crosstab – with Action Limits

Start Date	1/1/2021			Ē	Enc	l Date	8/31/2023				Samp Type List	t N and FD 🗸
Medium	Groundwate	r	`	•	Loc	Groups	[All Sample L	ocations]] ~		(none),Sampling Q2 2023,Systsem l
Method Classes	Field, Metals, F	PAH,PFAS,I	Physical,	SVO	∽ sd	Gs	2203333			~	Regulations	(none),Tier I Groundwater,Tier I Ind
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PROJECT PORTAL

Table for Groundwater						
		Location		MH-209	MH-210	MH-211
		Date	Tier I	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM
	Sample ID	Groundwater	MH-209-20220315	MH-210-20220315	MH-211-20220315	
		Task				
Parameter	CAS	Units		Groundwater	Groundwater	Groundwater
Metals						
Arsenic	7440-38-2	mg/l	0 (ug/l)	0.857	0.0516	0.0489
Barium	7440-39-3	mg/l	2000 (ug/l)	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	4 (ug/l)	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	650 (ug/l)	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	7.5 (ug/l)	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	100 (ug/l)	0.0010 U	0.0010 U	0.0010 U
Zinc	7440-66-6	mg/l	5000 (ug/l)	0.0045 U	0.0045 U	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	50 (ug/l)	0.842	0.051	0.052



Analytical Crosstab – with Action Limits

Start Date	1/1/2021				📅 En	d Date	8/31/2023				Samp Type List	t N and FD 🗸
Medium	Groundwa	ter		~	Lo	c Groups	[All Sample L	ocations]		~	Tasks	(none),Sampling Q2 2023,Systsem l
Method Classes	Field,Metals	s,PAH,PFA	S,Physica	I,SVO	∼ sd	Gs	2203333			\sim	Regulations	(none),Tier I Groundwater,Tier I Ind
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PROJECT PORTAL

Table for Groundwater						
		Location		MH-209	MH-210	MH-211
		Date	Tier I	3/16/2022 7:30:00 AM	3/16/2022 9:00:00 AM	3/16/2022 10:15:00 AM
	Sample ID	Groundwater	MH-209-20220315	MH-210-20220315	MH-211-20220315	
	Task					
Parameter	CAS	Units		Groundwater	Groundwater	Groundwater
Metals						
Arsenic	7440-38-2	mg/l	50 (ug/l)	0.857	0.0516	0.0489
Barium	7440-39-3	mg/l	2000 (ug/l)	0.0030 U	0.0030 U	0.0030 U
Beryllium	7440-41-7	mg/l	4 (ug/l)	0.0010 U	0.0010 U	0.0010 U
Copper	7440-50-8	mg/l	650 (ug/l)	0.0025 U	0.0025 U	0.0025 U
Lead	7439-92-1	mg/l	7.5 (ug/l)	0.0050 U	0.0050 U	0.0050 U
Nickel	7440-02-0	mg/l	100 (ug/l)	0.0010 U	0.0010 U	0.0010 U
Zinc	7440-66-6	mg/l	5000 (ug/l)	0.0045 U	0.0045 U	0.0045 U
Arsenic, Dissolved	7440-38-2	mg/l	50 (ug/l)	0.842	0.051	0.052



Basic Stats Report

PROJECT PORTAL

PetroIndustries, Inc. (Demo)

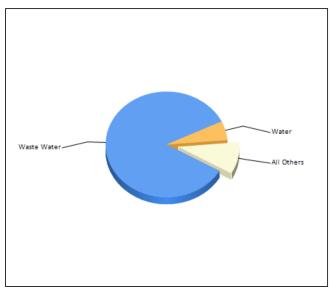
Basic Project Statistics

Summary Statistics

Number Of	Locations With	Locations With Coordinates	Coordinate System (if
Locations	Results	(East/North or Lat/Long)	Northing/Easting)
246	183	240	WGS84 Web Mercator

Total Number of	Number of Results
Samples (Incl. QC)	(Incl. QC)
90,292	152,940

Count of Analytical Results, by Medium (normal samples only)



Medium	Number Of Results	%Total	Date Range	
Waste Water	128,439	84.48%	01/01/2018 - 06/11/2020	
Water	8,818	5.80%	10/08/2014 - 09/29/2018	
Groundwater	4,872	3.20%	05/15/2012 - Present	
Process or Treated Water	4,320	2.84%	12/17/2004 - 06/05/2020	
Vapor Extraction Effluent Gas	3,492	2.30%	10/08/2014 - 09/29/2018	
Air	1,393	0.92%	10/08/2014 - 09/29/2018	
Soil	565	0.37%	09/30/2003 - 09/14/2006	
Does Not Apply	96	0.06%	02/01/2022 - 05/01/2023	
Soil Vapor/Gas	37	0.02%	10/20/2006 - 10/20/2006	
TOTALS:	152,032	100.00%	09/30/2003 - 09/26/2023	
Pale yellow shading indicates a medium that contributes < 5% of the total.				

Year	Number of Samples
2003	17
2004	58
2006	38
2007	4
2008	2
2009	6
2010	2



Basic Stats Report

PROJECT PORTAL

PetroIndustries, Inc. (Demo)

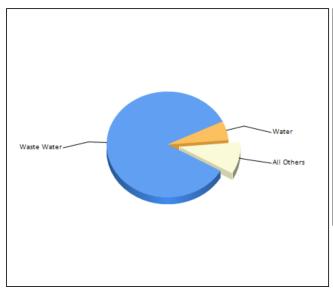
Basic Project Statistics

Summary Statistics

Number Of	Locations With	Locations With Coordinates	Coordinate System (if
Locations	Results	(East/North or Lat/Long)	Northing/Easting)
246	183	240	

Total Number of	Number of Results
Samples (Incl. QC)	(Incl. QC)
90,292	152,940

Count of Analytical Results, by Medium (normal samples only)



Medium	Number Of Results	%Total	Date Range	
Waste Water	128,439	84.48%	01/01/2018 - 06/11/2020	
Water	8,818	5.80%	10/08/2014 - 09/29/2018	
Groundwater	4,872	3.20%	05/15/2012 - Present	
Process or Treated Water	4,320	2.84%	12/17/2004 - 06/05/2020	
Vapor Extraction Effluent Gas	3,492	2.30%	10/08/2014 - 09/29/2018	
Air	1,393	0.92%	10/08/2014 - 09/29/2018	
Soil	565	0.37%	09/30/2003 - 09/14/2006	
Does Not Apply	96	0.06%	02/01/2022 - 05/01/2023	
Soil Vapor/Gas	37	0.02%	10/20/2006 - 10/20/2006	
TOTALS:	152,032	100.00%	09/30/2003 - 09/26/2023	
Pale yellow shading indicates a medium that contributes < 5% of the total.				

	Year	Number of Samples
	2003	17
	2004	58
	2006	38
	2007	4
	2008	2
	2009	6
<	2010	2



Basic Stats Report

PROJECT PORTAL

PetroIndustries, Inc. (Demo)

Basic Project Statistics

Summary Statistics

Number Of	Locations With	Locations With Coordinates	Coordinate System (if
Locations	Results	(East/North or Lat/Long)	Northing/Easting)
246	183	240	

Total Number of	Number of Results
Samples (Incl. QC)	(Incl. QC)
90,292	152,940

Count of Analytical Results, by Medium (normal samples only)

Waste Water 128,439 84.48% 01/01/2018 - 06/11/2020 Water 8,818 5.80% 10/08/2014 - 09/29/2018 Groundwater 4,872 3.20% 05/15/2012 - Present Process or Treated Water 4,320 2.84% 12/17/2004 - 06/05/2020 Vapor Extraction Effluent 3,492 2.30% 10/08/2014 - 09/29/2018 Gas - - - All Others Soil Ecc 0.37% 00/20/2002 - 05/01/2023 Soil Vapor/Gas 37 0.02% 10/20/2006 - 10/20/2006	Medium	Number Of Results	%Total	Date Range
Groundwater 4,872 3.20% 05/15/2012 - Present Process or Treated Water 4,872 3.20% 05/15/2012 - Present Vapor Extraction Effluent 3,492 2.30% 12/17/2004 - 06/05/2020 Vapor Extraction Effluent 3,492 2.30% 10/08/2014 - 09/29/2018 Gas	Waste Water	128,439	84.48%	01/01/2018 - 06/11/2020
Water All Others All Others Process or Treated Water 4,320 2.84% 12/17/2004 - 06/05/2020 Vapor Extraction Effluent 3,492 2.30% 10/08/2014 - 09/29/2018 Gas	Water	8,818	5.80%	10/08/2014 - 09/29/2018
Water All Others All Others Soil Ecc. 0.27% 00/20/2002 0	Groundwater	4,872	3.20%	05/15/2012 - Present
Gas Gas Water Air 1,393 0.92% 10/08/2014 - 09/29/2018 Soil Ecc. 0.37% 00/20/2002 00/20/2002 Does Not Apply 96 0.06% 02/01/2022 - 05/01/2023	Process or Treated	Water 4,320	2.84%	12/17/2004 - 06/05/2020
Water Air 1,393 0.92% 10/08/2014 - 09/29/2018 Soil Ecc 0.27% 00/20/2002		fluent 3,492	2.30%	10/08/2014 - 09/29/2018
Air 1,393 0.92% 10/08/2014 - 09/29/2018 Soil Ecc. 0.27% 00/20/2022 - 05/01/2023 Does Not Apply 96 0.06% 02/01/2022 - 05/01/2023				
All Others All Others Does Not Apply 96 0.06% 02/01/2022 - 05/01/2023	Water	1,393	0.92%	10/08/2014 - 09/29/2018
Does Not Apply 96 0.06% 02/01/2022 - 05/01/2023	Soil	ECE	0 270/	00/20/2002 00/11/1000
Soil Vapor/Gas 37 0.02% 10/20/2006 - 10/20/2006	All Others Does Not Apply	96	0.06%	02/01/2022 - 05/01/2023
	Soil Vapor/Gas	37	0.02%	10/20/2006 - 10/20/2006
TOTALS: 152,032 100.00% 09/30/2003 - 09/26/2023	TOTALS:	152,032	100.00%	09/30/2003 - 09/26/2023
Pale yellow shading indicates a medium that contributes < 5% of the total.	Pale yellow shadin	indicates a medium th	at contribut	es < 5% of the total.

Year	Number of Samples
2003	17
2004	58
2006	38
2007	4
2008	2
2009	6
2010	2

Date Range

01/01/2018 - 06/11/2020

05/15/2012 - Present

10/08/2014 - 09/29/2018

10/08/2014 - 09/29/2018

09/30/2003 - 09/14/2006

02/01/2022 - 05/01/2023

10/20/2006 - 10/20/2006 09/30/2003 - 09/26/2023

2/20/2018



Basic Stats Report

PROJECT PORTAL

PetroIndustries, Inc. (Demo)

Basic Project Statistics

Summary Statistics

Number Of	Locations With	Locations With Coordinates	Coordinate System (if
Locations	Results	(East/North or Lat/Long)	Northing/Easting)
246	183	240	WGS84 Web Mercator

Total Number of	Number of Results	
Samples (Incl. QC)	(Incl. QC)	
90,292	152,940	

Count of Analytical Results, by Medium (normal samples only)

Medi	dium	Number Of Results	%Total	Date Ran
Wast	ste Water	128,439	84.48%	01/01/2018 - 06
Wate	ter	-,	0.0070	
Grou	oundwater	4,872	3.20%	05/15/2012 -
Proce	LESS 0	1.220	2 9/10/	12/17/2001
Vapo Gas	oor Extraction Effluent	3,492	2.30%	10/08/2014 - 09
ater Air		1,393	0.92%	10/08/2014 - 09
Soil	I	565	0.37%	09/30/2003 - 09
All Others Does Not Apply Soil Vapor/Gas TOTALS: Pale yellow shading inc	es Not Apply	96	0.06%	02/01/2022 - 05
	l Vapor/Gas	37	0.02%	10/20/2006 - 10
	TALS:	152,032	100.00%	09/30/2003 - 09
	e yellow shading indicates	s a medium th	at contribut	es < 5% of the total.

Year	Number of Samples
2003	17
2004	58
2006	38
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PetroIndustries, Inc. (Demo)

Basic Project Statistics

Summary Statistics

	Number Of	Locations With	Locations With Coordinates	Coordinate System (if
	Locations	Results	(East/North or Lat/Long)	Northing/Easting)
[246	183	240	WGS84 Web Mercator

Total Number of	Number of Results	
Samples (Incl. QC)	(Incl. QC)	
90,292	152,940	

Count of Analytical Results, by Medium (normal samples only)

Medium		Number Of Results	%Total		Date Range
Waste Water	Γ	128,439	84.48%		01/01/2018 - 06/11/2020
Water		8,818	5.80%		10/08/2014 - 09/29/2018
Groundwater		4,872	3.20%		05/15/2012 - Present
Process or Treated Wate		4,320	2.84%		12/17/2004 - 06/05/2020
Vapor Extraction Effluer Gas		3,492	2.30%		10/08/2014 - 09/29/2018
Air		1,393	0.92%		10/08/2014 - 09/29/2018
Soil		565	0.37%		09/30/2003 - 09/14/2006
Does Not Apply		96	0.06%	/	02/01/2022 - 05/01/2023
Soil Vapor/Gas		37	0.02%	7	10/20/2006 - 10/20/2006
TOTALS:		152,032	100.00°		09/30/2003 - 09/26/2023

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Basic Stats Report

PROJECT PORTAL

PetroIndustries, Inc. (Demo)

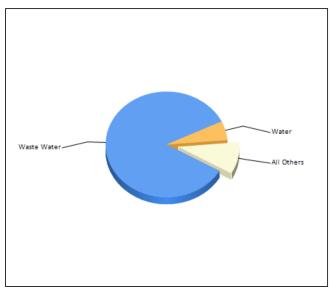
Basic Project Statistics

Summary Statistics

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Locations	Results	(East/North or Lat/Long)	Northing/Easting)
246	183	240	WGS84 Web Mercator

Total Number of	Number of Results		
Samples (Incl. QC)	(Incl. QC)		
90,292	152,940		

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Thank you!

Contact us at <u>sales@ddmsinc.com</u> Beth Roberts – broberts@ddmsinc.com Josh Cullum – jcullum@ddmsinc.com

