Radioactive Isotopes Discovered near Local Schools after Wave of Bomb Threats

By **Bobby Vaughn Jr.**

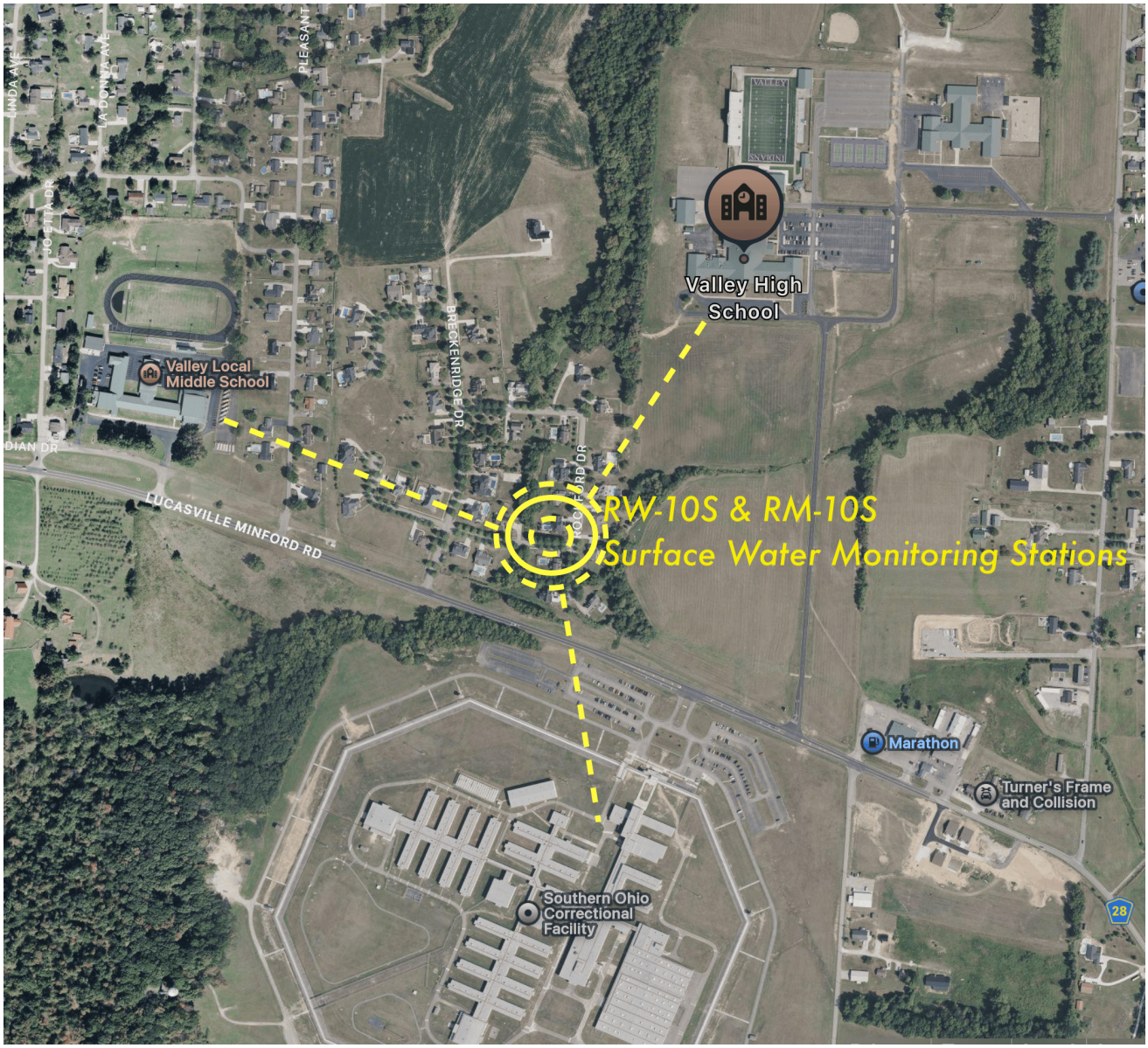
J News Network · November 10, 2026
https://jnewsnetwork.com/2026/11/10/radioactive-isotopes-discovered-near-local-schools-after-wave-of-bomb-threats/

After a wave of **serial bomb-threats** impacted multiple county and city schools surrounding the former A-Plant/Portsmouth Gaseous Diffusion Plant (PORTS) –which enriched uranium for nuclear bombs and nuclear power plants– we're now facing a factual reality: Actual radioactive isotope detections at Department of Energy (DOE)-owned monitoring station near these schools. In 2019, Zahn's Corner Middle School was closed after the discovery of enriched uranium inside the school. The only local source for enriched uranium comes from the PORTS, which would release radioactive material into the environment either accidentally or intentionally. This is a clear reminder that the biggest issues at the schools may not come from citizen threats, but from actual government-funded nuclear releases to the environment that are being detected using a Department of Energy monitoring system: **PEGASIS**.

RESULTS OF RADIOACTIVE ISOTOPES DETECTED NEAR SCHOOLS FROM: 1/1/2023 – date of most recently uploaded monitoring data

Valley High School

There are two **surface water** and **sediment** monitoring stations near Valley High School: **• RW-10S: Surface Water • RM-10S**: **Sediment (associated with surface water)** One very interesting fact regarding the location of these monitoring stations are triangulated between three facilities, and about 1,200 feet from each location: **• Valley High School • Valley Local Middle School • Southern Ohio Correctional Facility**



Surface Water and Sediment Radiation (RAD) Detections near Valley High School, Valley Local Middle School, and Southern Ohio Correctional Facility from 4/26/2023 – 11/21/2024

RW-10S: Surface water **One record found:** • **RAD Detected:** Uranium 233/234 • **Date collected:** 11/21/2024 • **Results:** Over 2X detection limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

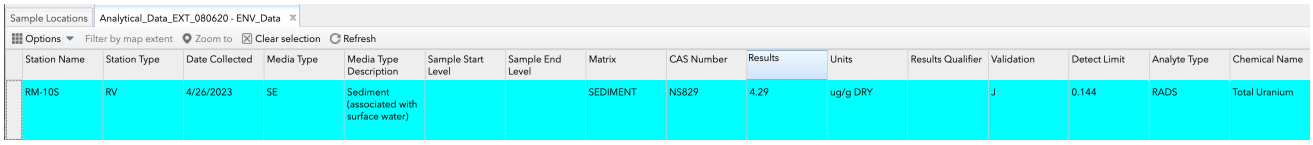
Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-10S	RV	11/21/2024	WS	Surface Water			WATER	NS632	0.0972	pCi/L		=	0.0414	RADS	Uranium-233/234

Screenshot of an analytical data table showing a surface water sample at station RW-10S, with results for uranium-233/234 of 0.0972 pCi/L.

Source: DOE's PORTS PEGASIS

RM-10S: Sediment (associated with surface water) **11 Records found:**

1.) • **RAD Detected:** Total Uranium • **Date Collected:** 4/26/2023 • **Results:** 30X Higher than Detection Limit

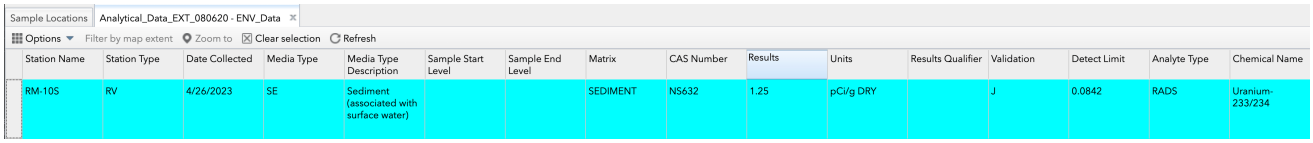


Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10S	RV	4/26/2023	SE	Sediment (associated with surface water)			SEDIMENT	NS829	4.29	ug/g DRY		J	0.144	RADS	Total Uranium

Analytical data table showing Total Uranium results for sample RM-10S, with a result of 4.29 ug/g DRY.

Source: DOE's PORTS PEGASIS

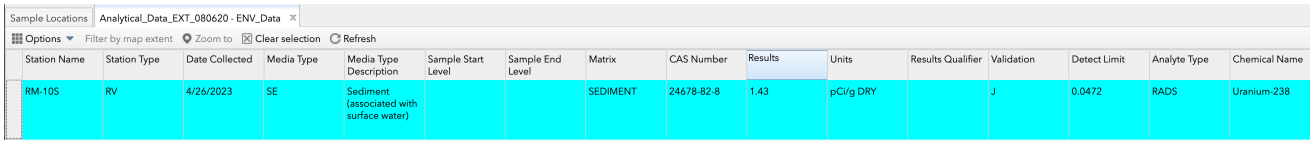
2.) • **RAD Dectected:** Uranium-233/234 • **Date Collected:** 4/26/2023 • **Results:** 16X Higher than Detection Limit



Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10S	RV	4/26/2023	SE	Sediment (associated with surface water)			SEDIMENT	NS632	1.25	pCi/g DRY		J	0.0842	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

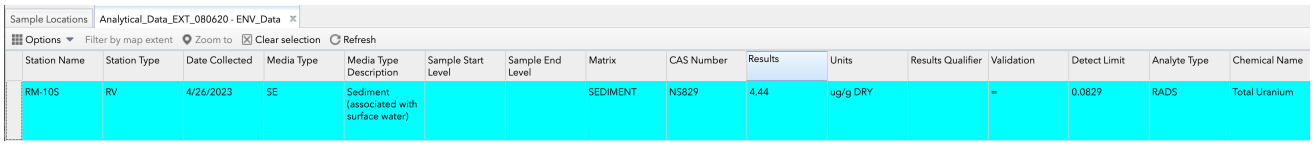
3.) • **RAD Detected:** Uranium-238 • **Date Collected:** 4/26/2023 • **Results:** Over 30X Higher than Detection Limit



Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10S	RV	4/26/2023	SE	Sediment (associated with surface water)			SEDIMENT	24678-82-8	1.43	pCi/g DRY		J	0.0472	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

4.) • **RAD Detected:** Total Uranium • **Date Collected:** 4/26/2023 • **Results:** 54X Higher than Detection Limit



Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10S	RV	4/26/2023	SE	Sediment (associated with surface water)			SEDIMENT	NS829	4.44	ug/g DRY		=	0.0829	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

5.) • **RAD Detected:** Uranium 233/234 • **Date Collected:** 4/26/2023 • **Results:** 24.5X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10S	RV	4/26/2023	SE	Sediment (associated with surface water)			SEDIMENT	NS632	1.36	pCi/g DRY		=	0.0555	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

6.) • **RAD Detected:** Uranium 235/236 • **Date Collected:** 4/26/2023 • **Results:** 3.4X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10S	RV	4/26/2023	SE	Sediment (associated with surface water)			SEDIMENT	N1047	0.115	pCi/g DRY		J	0.0338	RADS	Uranium-235/236

Source: DOE's PORTS PEGASIS

7.) • **RAD Detected:** Uranium-238 • **Date Collected:** 4/26/2023 • **Results:** 54X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10S	RV	4/26/2023	SE	Sediment (associated with surface water)			SEDIMENT	24678-82-8	1.47	pCi/g DRY		=	0.0274	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

8.) • **RAD Detected:** Total Uranium • **Date Collected:** 4/23/2024 • **Results:** 37X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10S	RV	4/23/2024	SE	Sediment (associated with surface water)			SEDIMENT	NS829	2.48	ug/g DRY		=	0.0668	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

9.) • **RAD Detected:** Uranium 233/234 • **Date Collected:** 4/23/2024 • **Results:** 34.5X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10S	RV	4/23/2024	SE	Sediment (associated with surface water)			SEDIMENT	NS632	0.88	pCi/g DRY		=	0.0255	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

10.) • **RAD Detected:** Uranium 235/236 • **Date Collected:** 4/23/2024 • **Results:** 9X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10S	RV	4/23/2024	SE	Sediment (associated with surface water)			SEDIMENT	N1047	0.0781	pCi/g DRY		=	0.00867	RADS	Uranium-235/236

Source: DOE's PORTS PEGASIS

11.) • **RAD Detected:** Uranium-238 • **Date Collected:** 4/23/2024 • **Results**: 37X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

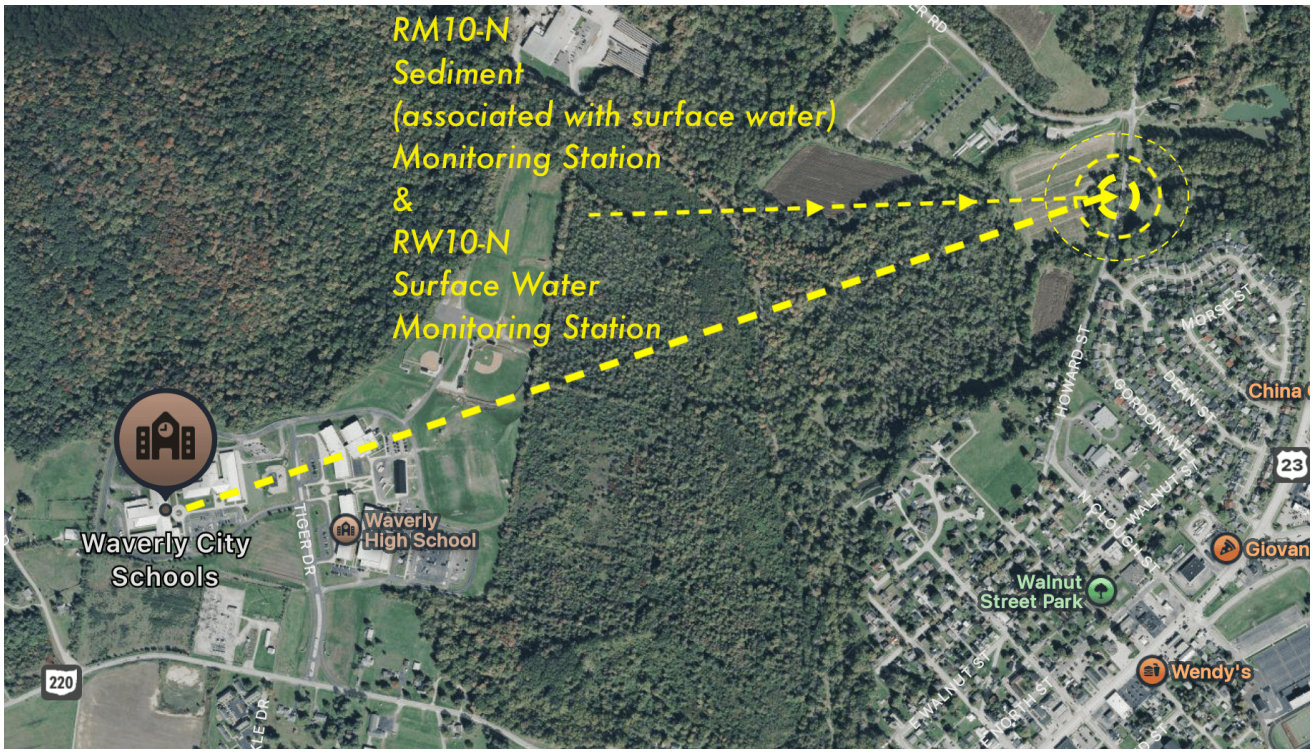
Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10S	RV	4/23/2024	SE	Sediment (associated with surface water)			SEDIMENT	24678-82-8	0.821	pCi/g DRY		=	0.0224	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

Waverly City Schools

Located closely, and on the same road, are Waverly City Schools, Wavery Intermediate School, and Waverly High School. Almost exactly one mile East Northeast of the schools are two Department of Energy monitoring systems located right off of Howard Street: • **RM-10N** – monitors Sediment (associated with surface water) • **RW-10N** – monitors Surface Water Between 4/26/23 – 4/23/24 there were 12 radiation (RAD) Detects above the detection limit at these two monitoring stations.



Sediment and Surface Water Radiation (RAD) Detections near Waverly City Schools, Wavery Intermediate School, and Waverly High School from 4/26/2023

– 4/23/2024

RM-10N: Sediment (assiciated with surface water) **Six Records Found:**

1.) • **RAD Dectected:** Total Uranium • **Date Collected:** 4/26/2023 • **Results:** 5.5X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10N	RV	4/26/2023	SE	Sediment (associated with surface water)			SEDIMENT	NS829	0.765	ug/g DRY		=	0.138	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

2.) • **RAD Detected:** Uranium 233/234 • **Date Collected:** 4/26/2023 • **Results:** 3.7X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10N	RV	4/26/2023	SE	Sediment (associated with surface water)			SEDIMENT	NS632	0.232	pCi/g DRY		=	0.0626	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

3.) • **RAD Detected:** Uranium-238 • **Date Collected:** 4/26/2023 • **Results:** 5.5X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10N	RV	4/26/2023	SE	Sediment (associated with surface water)			SEDIMENT	24678-82-8	0.253	pCi/g DRY		=	0.0458	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

4.) • **RAD Detcted:** Uranium-233/234 • **Date Collected:** 4/34/2024 • **Results:** 11.4X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10N	RV	4/23/2024	SE	Sediment (associated with surface water)			SEDIMENT	NS632	0.586	pCi/g DRY		=	0.0514	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

5.) • **RAD Detected:** Uranium-238 • **Date Collected:** 4/23/2024 • **Results:** 10X Higher than Detection Limit

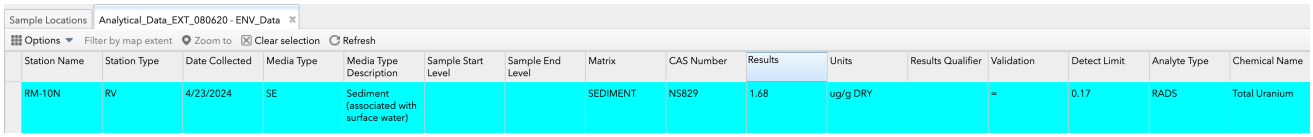
Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10N	RV	4/23/2024	SE	Sediment (associated with surface water)			SEDIMENT	24678-82-8	0.564	pCi/g DRY		=	0.0564	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

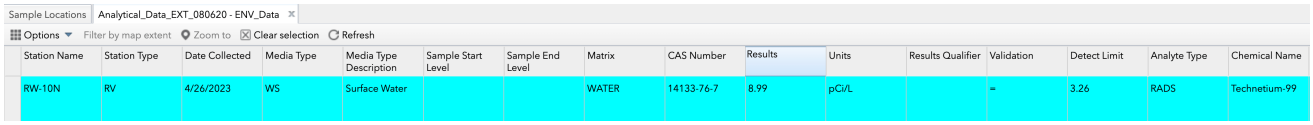
6.) • **RAD Detected:** Total Uranium • **Date Collected:** 4/23/2024 • **Results:** 9.8X Higher than Detection Limit


Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-10N	RV	4/23/2024	SE	Sediment (associated with surface water)			SEDIMENT	NS829	1.68	ug/g DRY		=	0.17	RADS	Total Uranium

RW-10N: Surface Water **Six Records Found**: 1.) • **RAD Detected:** Technetium-99 • **Date Collected:** 4/26/2023 • **Results:** 2.8X Higher than Detection Limit

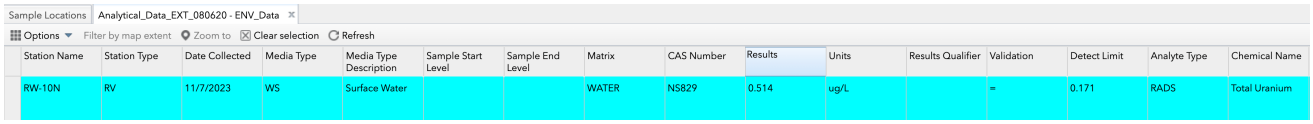

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-10N	RV	4/26/2023	WS	Surface Water			WATER	14133-76-7	8.99	pCi/L		=	3.26	RADS	Technetium-99

Source: DOE's PORTS PEGASIS

2.) • **RAD Detected:** Total Uranium • **Date Collected:** 11/7/2023 • **Results:** 3X Higher than Detection Limit

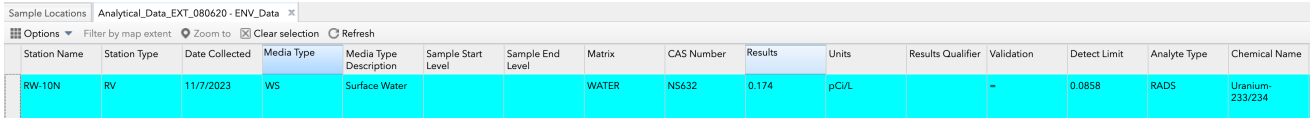

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-10N	RV	11/7/2023	WS	Surface Water			WATER	NS829	0.514	ug/L		=	0.171	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

3.) • **RAD Detected:** Uranium-233/234 • **Date Collected:** 11/7/2023 • **Results:** 2X Higher than Detection Limit

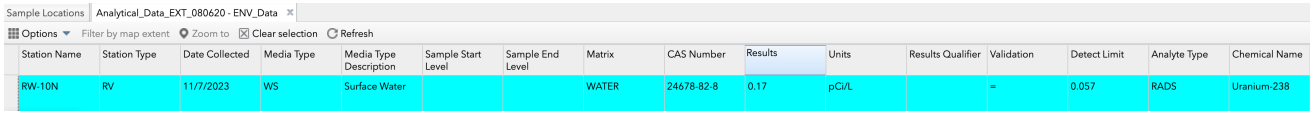

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-10N	RV	11/7/2023	WS	Surface Water			WATER	NS632	0.174	pCi/L		=	0.0858	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

4.) • **RAD Detected:** Uranium-238 • **Date Collected:** 11/7/2023 • **Results:** 3X Higher than Detection Limit

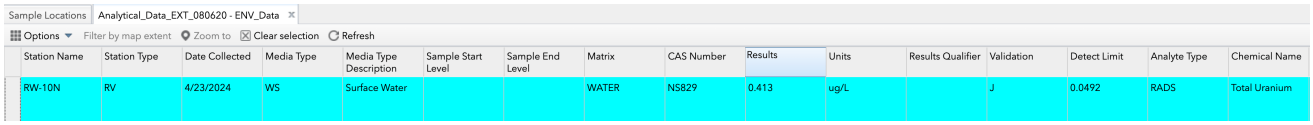

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-10N	RV	11/7/2023	WS	Surface Water			WATER	24678-82-8	0.17	pCi/L		=	0.057	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

5.) • **RAD Detected:** Total Uranium • **Date Collected:** 4/23/2024 • **Results:** 8.4X Higher than Detection Limit



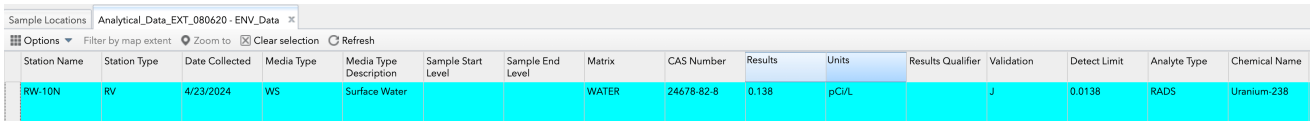
Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-10N	RV	4/23/2024	WS	Surface Water			WATER	NS829	0.413	ug/L		J	0.0492	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

6.) • **Rad Detected:** Uranium-238 • **Date Collected:** 4/23/2024 • **Results:** 10X Higher than Detection Limit



Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-10N	RV	4/23/2024	WS	Surface Water			WATER	24678-82-8	0.138	pCi/L		J	0.0138	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

Piketon High School

Located approximately 1,120 feet northeast of Piketon High School's main entrance are two Department of Energy monitoring stations. These are located directly across the street from Rittenour Cemetery: • **A6:** Monitors for Solid Deep Doses; Eye Doses; and Shallow Doses using an Environmental Thermoluminescent Dosimeter (TLD) & Monitors Ambient Air • **A-6:** Monitors Soil Between 1/4/2023 – 1/15/2025 there were **91 radiation** (RAD) Detects above detection limits at these two monitoring stations.



Solid Deep Dose; Eye Dose; Shallow Dose; Ambient Air & Soil Radiation (RAD) Detections Near Piketon High School between 1/4/2023 – 1/15/2025

A6: Solid Deep Dose; Eye Dose; and Shallow Dose using an Environmental Thermoluminescent Dosimeter (TLD) & Monitors Ambient Air **86 Records Found:**

[Due to the excessive amount of detects, the data is being placed here by date without any further summarized information]

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A6	AA	1/4/2023	ET	Environmental TLD			SOLID	NS2385	25	mrem			10	RADS	Shallow Dose
A6	AA	1/4/2023	ET	Environmental TLD			SOLID	NS2385	23	mrem			10	RADS	Shallow Dose
A6	AA	1/4/2023	ET	Environmental TLD			SOLID	NS2385	23	mrem			10	RADS	Shallow Dose
A6	AA	1/4/2023	ET	Environmental TLD			SOLID	NS2383	25	mrem			10	RADS	Deep Dose
A6	AA	1/4/2023	ET	Environmental TLD			SOLID	NS2383	23	mrem			10	RADS	Deep Dose
A6	AA	1/4/2023	ET	Environmental TLD			SOLID	NS2383	23	mrem			10	RADS	Deep Dose
A6	AA	1/4/2023	ET	Environmental TLD			SOLID	NS2384	25	mrem			10	RADS	Eye Dose
A6	AA	1/4/2023	ET	Environmental TLD			SOLID	NS2384	23	mrem			10	RADS	Eye Dose
A6	AA	1/4/2023	ET	Environmental TLD			SOLID	NS2384	23	mrem			10	RADS	Eye Dose

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A6	AA	4/5/2023	ET	Environmental TLD			SOLID	NS2384	25	mrem			10	RADS	Eye Dose
A6	AA	4/5/2023	ET	Environmental TLD			SOLID	NS2385	25	mrem			10	RADS	Shallow Dose
A6	AA	4/5/2023	ET	Environmental TLD			SOLID	NS2383	25	mrem			10	RADS	Deep Dose
A6	AA	4/5/2023	ET	Environmental TLD			SOLID	NS2384	24	mrem			10	RADS	Eye Dose
A6	AA	4/5/2023	ET	Environmental TLD			SOLID	NS2385	24	mrem			10	RADS	Shallow Dose
A6	AA	4/5/2023	ET	Environmental TLD			SOLID	NS2383	24	mrem			10	RADS	Deep Dose
A6	AA	4/5/2023	ET	Environmental TLD			SOLID	NS2384	25	mrem			10	RADS	Eye Dose
A6	AA	4/5/2023	ET	Environmental TLD			SOLID	NS2385	25	mrem			10	RADS	Shallow Dose
A6	AA	4/5/2023	ET	Environmental TLD			SOLID	NS2383	25	mrem			10	RADS	Deep Dose

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A6	AA	7/11/2023	ET	Environmental TLD			SOLID	NS2383	20	mrem			10	RADS	Deep Dose
A6	AA	7/11/2023	ET	Environmental TLD			SOLID	NS2384	20	mrem			10	RADS	Eye Dose
A6	AA	7/11/2023	ET	Environmental TLD			SOLID	NS2385	20	mrem			10	RADS	Shallow Dose
A6	AA	7/11/2023	ET	Environmental TLD			SOLID	NS2383	20	mrem			10	RADS	Deep Dose
A6	AA	7/11/2023	ET	Environmental TLD			SOLID	NS2384	20	mrem			10	RADS	Eye Dose
A6	AA	7/11/2023	ET	Environmental TLD			SOLID	NS2385	20	mrem			10	RADS	Shallow Dose
A6	AA	7/11/2023	ET	Environmental TLD			SOLID	NS2383	20	mrem			10	RADS	Deep Dose
A6	AA	7/11/2023	ET	Environmental TLD			SOLID	NS2384	20	mrem			10	RADS	Eye Dose
A6	AA	7/11/2023	ET	Environmental TLD			SOLID	NS2385	20	mrem			10	RADS	Shallow Dose

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A6	AA	7/26/2023	AA	Ambient Air			AIR	14274-82-9	0.613	pCi/sample		-	0.206	RADS	Thorium-228
A6	AA	8/30/2023	AA	Ambient Air			AIR	NS632	2.36	pCi/sample		J	0.361	RADS	Uranium-233/234
A6	AA	10/4/2023	ET	Environmental TLD			SOLID	NS2383	22	mrem			10	RADS	Deep Dose
A6	AA	10/4/2023	ET	Environmental TLD			SOLID	NS2384	22	mrem			10	RADS	Eye Dose
A6	AA	10/4/2023	ET	Environmental TLD			SOLID	NS2385	22	mrem			10	RADS	Shallow Dose
A6	AA	10/4/2023	ET	Environmental TLD			SOLID	NS2383	19	mrem			10	RADS	Deep Dose
A6	AA	10/4/2023	ET	Environmental TLD			SOLID	NS2384	19	mrem			10	RADS	Eye Dose
A6	AA	10/4/2023	ET	Environmental TLD			SOLID	NS2385	19	mrem			10	RADS	Shallow Dose
A6	AA	10/4/2023	ET	Environmental TLD			SOLID	NS2383	20	mrem			10	RADS	Deep Dose

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A6	AA	10/4/2023	ET	Environmental TLD			SOLID	NS2384	20	mrem			10	RADS	Eye Dose
A6	AA	10/4/2023	ET	Environmental TLD			SOLID	NS2385	20	mrem			10	RADS	Shallow Dose
A6	AA	1/3/2024	ET	Environmental TLD			SOLID	NS2383	25	mrem			10	RADS	Deep Dose
A6	AA	1/3/2024	ET	Environmental TLD			SOLID	NS2384	25	mrem			10	RADS	Eye Dose
A6	AA	1/3/2024	ET	Environmental TLD			SOLID	NS2385	25	mrem			10	RADS	Shallow Dose
A6	AA	1/3/2024	ET	Environmental TLD			SOLID	NS2383	25	mrem			10	RADS	Deep Dose
A6	AA	1/3/2024	ET	Environmental TLD			SOLID	NS2384	25	mrem			10	RADS	Eye Dose
A6	AA	1/3/2024	ET	Environmental TLD			SOLID	NS2385	25	mrem			10	RADS	Shallow Dose
A6	AA	1/3/2024	ET	Environmental TLD			SOLID	NS2383	24	mrem			10	RADS	Deep Dose

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A6	AA	1/3/2024	ET	Environmental TLD			SOLID	NS2384	24	mrem			10	RADS	Eye Dose
A6	AA	1/3/2024	ET	Environmental TLD			SOLID	NS2385	24	mrem			10	RADS	Shallow Dose
A6	AA	4/4/2024	ET	Environmental TLD			SOLID	NS2385	26	mrem			10	RADS	Shallow Dose
A6	AA	4/4/2024	ET	Environmental TLD			SOLID	NS2383	26	mrem			10	RADS	Deep Dose
A6	AA	4/4/2024	ET	Environmental TLD			SOLID	NS2384	26	mrem			10	RADS	Eye Dose
A6	AA	4/4/2024	ET	Environmental TLD			SOLID	NS2385	25	mrem			10	RADS	Shallow Dose
A6	AA	4/4/2024	ET	Environmental TLD			SOLID	NS2383	25	mrem			10	RADS	Deep Dose
A6	AA	4/4/2024	ET	Environmental TLD			SOLID	NS2384	25	mrem			10	RADS	Eye Dose
A6	AA	4/4/2024	ET	Environmental TLD			SOLID	NS2385	26	mrem			10	RADS	Shallow Dose

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A6	AA	4/4/2024	ET	Environmental TLD			SOLID	NS2383	26	mrem			10	RADS	Deep Dose
A6	AA	4/4/2024	ET	Environmental TLD			SOLID	NS2384	26	mrem			10	RADS	Eye Dose
A6	AA	7/2/2024	ET	Environmental TLD			SOLID	NS2383	23	mrem			10	RADS	Deep Dose
A6	AA	7/2/2024	ET	Environmental TLD			SOLID	NS2384	23	mrem			10	RADS	Eye Dose
A6	AA	7/2/2024	ET	Environmental TLD			SOLID	NS2385	23	mrem			10	RADS	Shallow Dose
A6	AA	7/2/2024	ET	Environmental TLD			SOLID	NS2383	27	mrem			10	RADS	Deep Dose
A6	AA	7/2/2024	ET	Environmental TLD			SOLID	NS2384	27	mrem			10	RADS	Eye Dose
A6	AA	7/2/2024	ET	Environmental TLD			SOLID	NS2385	27	mrem			10	RADS	Shallow Dose
A6	AA	7/2/2024	ET	Environmental TLD			SOLID	NS2383	24	mrem			10	RADS	Deep Dose

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A6	AA	7/2/2024	ET	Environmental TLD			SOLID	NS2384	24	mrem			10	RADS	Eye Dose
A6	AA	7/2/2024	ET	Environmental TLD			SOLID	NS2385	24	mrem			10	RADS	Shallow Dose
A6	AA	7/9/2024	AA	Ambient Air			AIR	NS829	1.71	ug/Sample		J	0.591	RADS	Total Uranium
A6	AA	7/9/2024	AA	Ambient Air			AIR	24678-82-8	0.574	pCi/sample		J	0.196	RADS	Uranium-238
A6	AA	10/2/2024	ET	Environmental TLD			SOLID	NS2385	25	mrem			10	RADS	Shallow Dose
A6	AA	10/2/2024	ET	Environmental TLD			SOLID	NS2384	25	mrem			10	RADS	Eye Dose
A6	AA	10/2/2024	ET	Environmental TLD			SOLID	NS2383	25	mrem			10	RADS	Deep Dose
A6	AA	10/2/2024	ET	Environmental TLD			SOLID	NS2385	25	mrem			10	RADS	Shallow Dose
A6	AA	10/2/2024	ET	Environmental TLD			SOLID	NS2384	25	mrem			10	RADS	Eye Dose

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A6	AA	10/2/2024	ET	Environmental TLD			SOLID	NS2383	25	mrem			10	RADS	Deep Dose
A6	AA	10/2/2024	ET	Environmental TLD			SOLID	NS2385	25	mrem			10	RADS	Shallow Dose
A6	AA	10/2/2024	ET	Environmental TLD			SOLID	NS2384	25	mrem			10	RADS	Eye Dose
A6	AA	10/2/2024	ET	Environmental TLD			SOLID	NS2383	25	mrem			10	RADS	Deep Dose
A6	AA	1/15/2025	ET	Environmental TLD			SOLID	NS2383	29	mrem			10	RADS	Deep Dose
A6	AA	1/15/2025	ET	Environmental TLD			SOLID	NS2384	29	mrem			10	RADS	Eye Dose
A6	AA	1/15/2025	ET	Environmental TLD			SOLID	NS2385	29	mrem			10	RADS	Shallow Dose
A6	AA	1/15/2025	ET	Environmental TLD			SOLID	NS2383	32	mrem			10	RADS	Deep Dose
A6	AA	1/15/2025	ET	Environmental TLD			SOLID	NS2384	32	mrem			10	RADS	Eye Dose

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A6	AA	1/15/2025	ET	Environmental TLD			SOLID	NS2385	32	mrem			10	RADS	Shallow Dose
A6	AA	1/15/2025	ET	Environmental TLD			SOLID	NS2383	29	mrem			10	RADS	Deep Dose
A6	AA	1/15/2025	ET	Environmental TLD			SOLID	NS2384	29	mrem			10	RADS	Eye Dose
A6	AA	1/15/2025	ET	Environmental TLD			SOLID	NS2385	29	mrem			10	RADS	Shallow Dose

Source: DOE's PORTS PEGASIS

A-6: Soil Monitor **Six Records Found**: 1.) • **RAD Detected:** Total Uranium • **Date Collected:** 7/31/2023 • **Results:** 11.5X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A-6	SL	7/31/2023	SO	Soil			SOIL	NS829	1.16	ug/g DRY		=	0.101	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

2.) • **RAD Detected**: Uranium-233/234 • **Date Collected:** 7/31/2023 • **Results:** 3X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A-6	SL	7/31/2023	SO	Soil			SOIL	NS632	0.189	pCi/g DRY		=	0.0601	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

3.) • **RAD Detected:** Uranium-238 • **Date Collected:** 7/31/2023 • **Results:** 11.8X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A-6	SL	7/31/2023	SO	Soil			SOIL	24678-82-8	0.387	pCi/g DRY		=	0.0329	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

4.) • **RAD Detected:** Total Uranium • **Date Collected:** 8/7/2024 • **Results:** 17X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A-6	SL	8/7/2024	SO	Soil			SOIL	NS829	1.8	ug/g DRY		J	0.105	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

5.) • **RAD Detected:** Uranium-233/234 • **Date Collected:** 8/7/2024 • **Results:** 11.4X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A-6	SL	8/7/2024	SO	Soil			SOIL	NS632	0.735	pCi/g DRY		=	0.0647	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

6.) • **RAD Detected:** Uranium-238 • **Date Collected:** 8/7/2024 • **Results:** 17X Higher than Detection Limit

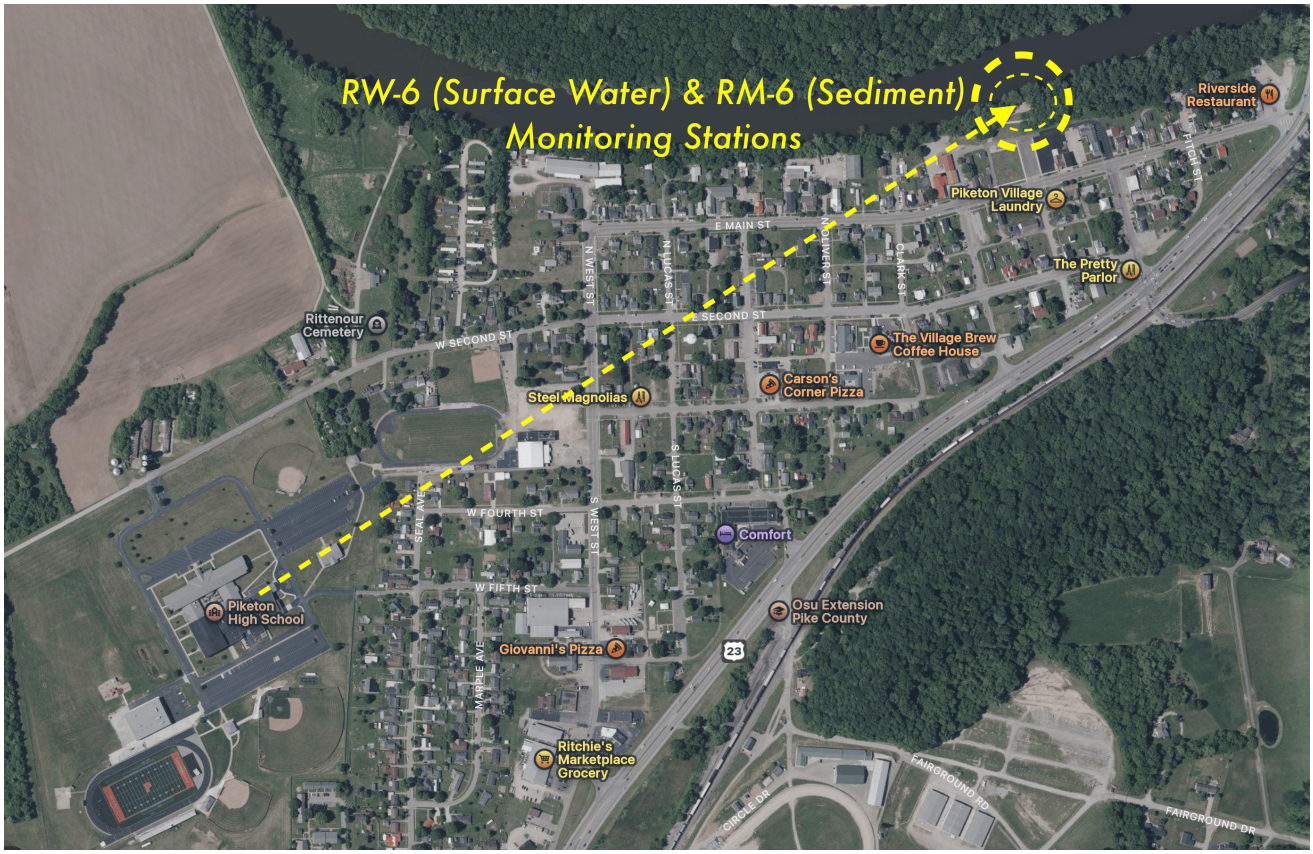
Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
A-6	SL	8/7/2024	SO	Soil			SOIL	24678-82-8	0.599	pCi/g DRY		=	0.035	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

Approximately 4,100 feet northeast of Piketon High School are two monitoring stations, which are separate from the previous two listed. These two are located along the Scioto River bank, behind Vanguard Ministries: **• RW-6: Monitors Surface Water • RM-6: Monitors Sediment** (associated with surface water) Between 4/25/2023 – 12/11/2024 there were **19 radiation** (RAD) Detects at these two monitoring stations.



Surface Water and Sediment (associated with surface water) radiation (RAD) Detects near Piketon High School between 4/25/2023 – 12/11/2024

RW-6: Surface Water **12 Records Found** 1.) • **RAD Detected:** Total Uranium • **Date Collected:** 4/25/2023 • **Results:** 12.8X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-6	RV	4/25/2023	WS	Surface Water			WATER	NS829	1.61	ug/L		=	0.126	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

2.) • **RAD Detected:** Uranium-233/234 • **Date Collected:** 4/25/2023 • **Results:** 7.6X Higher than Detection Limit

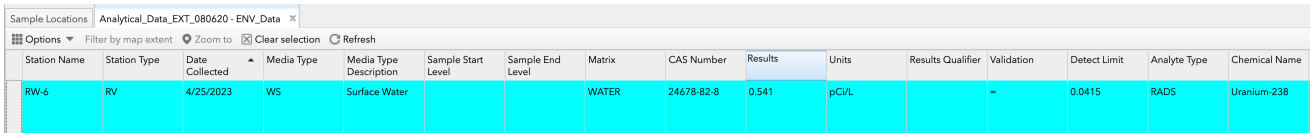
Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-6	RV	4/25/2023	WS	Surface Water			WATER	NS632	0.504	pCi/L		=	0.0666	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

3.) • **RAD Detected:** Uranium-238 • **Date Collected:** 4/25/2023 • **Results:** 13X Higher than Detection Limit



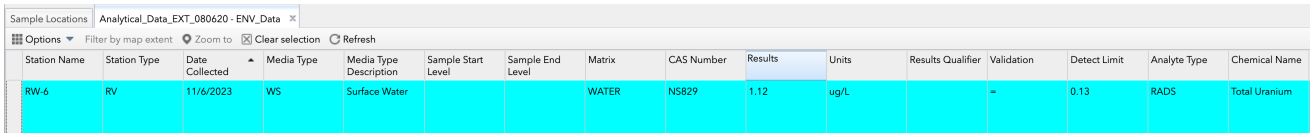
Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-6	RV	4/25/2023	WS	Surface Water			WATER	24678-82-8	0.541	pCi/L		=	0.0415	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

4.) • **RAD Detected:** Total Uranium • **Date Collected:** 11/6/2023 • **Results:** 8.6X Higher than Detection Limit



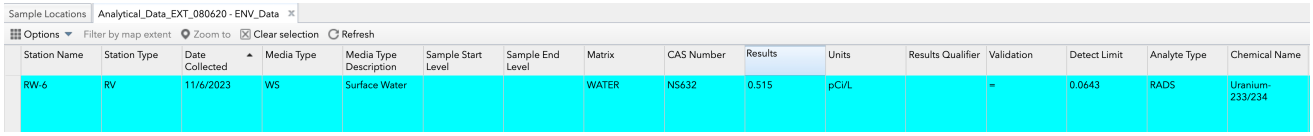
Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-6	RV	11/6/2023	WS	Surface Water			WATER	NS829	1.12	ug/L		=	0.13	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

5.) • **RAD Detected:** Uranium-233/234 • **Date Collected:** 11/6/2023 • **Results:** 8X Higher than Detection Limit



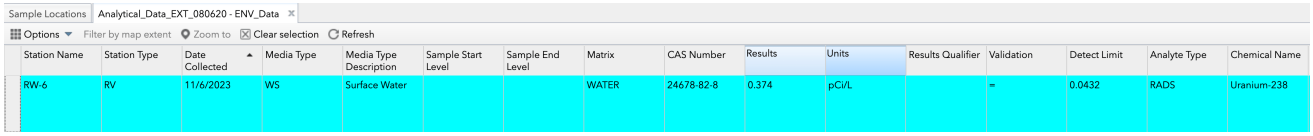
Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-6	RV	11/6/2023	WS	Surface Water			WATER	NS632	0.515	pCi/L		=	0.0643	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

6.) • **RAD Detected:** Uranium-238 • **Date Collected:** 11/6/2023 • **Results:** 8.7X Higher than Detection Limit



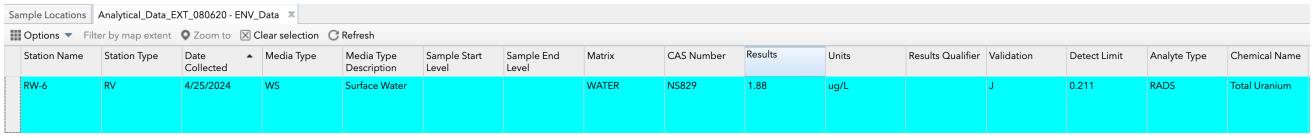
Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-6	RV	11/6/2023	WS	Surface Water			WATER	24678-82-8	0.374	pCi/L		=	0.0432	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

7.) • **RAD Detected:** Total Uranium • **Date Collected:** 4/25/2024 • **Results:** 8.9X Higher than Detection Limit



Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-6	RV	4/25/2024	WS	Surface Water			WATER	NS829	1.88	ug/L		J	0.211	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

8.) • **RAD Detected:** Uranium-233/234 • **Date Collected:** 4/25/2024 • **Results:** 8.7X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-6	RV	4/25/2024	WS	Surface Water			WATER	NS632	0.665	pCi/L		=	0.0762	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

9.) • **RAD Detected:** Uranium-238 • **Date Collected:** 4/25/2024 • **Results:** 8.9X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-6	RV	4/25/2024	WS	Surface Water			WATER	24678-82-8	0.627	pCi/L		J	0.0705	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

10.) • **RAD Detected:** Uranium-238 • **Date Collected:** 12/11/2024 • **Results:** 7.3X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-6	RV	12/11/2024	WS	Surface Water			WATER	24678-82-8	0.364	pCi/L		=	0.0497	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

11.) • **RAD Detected:** Total Uranium • **Date Collected:** 12/11/2024 • **Results:** 7.6X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-6	RV	12/11/2024	WS	Surface Water			WATER	NS829	1.12	ug/L		J	0.148	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

12.) • **RAD Detected:** Uranium-233/234 • **Date Collected:** 12/11/2024 • **Results:** 10X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RW-6	RV	12/11/2024	WS	Surface Water			WATER	NS632	0.549	pCi/L		=	0.0546	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

RM-6: Sediment (associated with surface water) **Seven Records Found**

1.) • **RAD Detected:** Total Uranium • **Date Collected:** 5/4/2023 • **Results:** 22.4X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-6	RV	5/4/2023	SE	Sediment (associated with surface water)			SEDIMENT	NS829	1.8	ug/g DRY		=	0.0802	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

2.) • **RAD Detected:** Uranium-233/234 • **Date Collected:** 5/4/2023 • **Results:** 12.5X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-6	RV	5/4/2023	SE	Sediment (associated with surface water)			SEDIMENT	NS632	0.67	pCi/g DRY		=	0.0534	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

3.) • **RAD Detected:** Uranium-238 • **Date Collected:** 5/4/2023 • **Results:** 22.6X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-6	RV	5/4/2023	SE	Sediment (associated with surface water)			SEDIMENT	24678-82-8	0.599	pCi/g DRY		=	0.0265	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

4.) • **RAD Detected:** Uranium-233/234 • **Date Collected:** 4/25/2024 • **Results:** 16X Higher than Detection Limit

Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-6	RV	4/25/2024	SE	Sediment (associated with surface water)			SEDIMENT	NS632	0.58	pCi/g DRY		=	0.0357	RADS	Uranium-233/234

Source: DOE's PORTS PEGASIS

5.) • **RAD Detected:** Uranium-235/236 • **Date Collected:** 4/25/2024 • **Results:** 2.7X Higher than Detection Limit

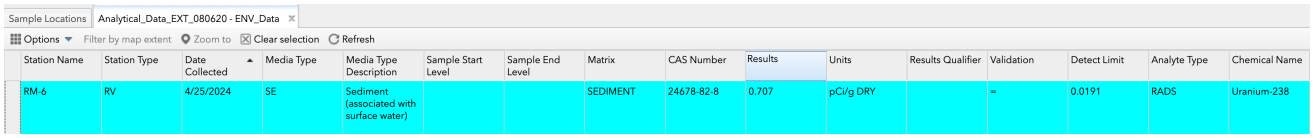
Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-6	RV	4/25/2024	SE	Sediment (associated with surface water)			SEDIMENT	N1047	0.0519	pCi/g DRY		=	0.0189	RADS	Uranium-235/236

Source: DOE's PORTS PEGASIS

6.) • **RAD Detected:** Uranium-238 • **Date Collected:** 4/25/2024 • **Results:** 37X Higher than Detection Limit



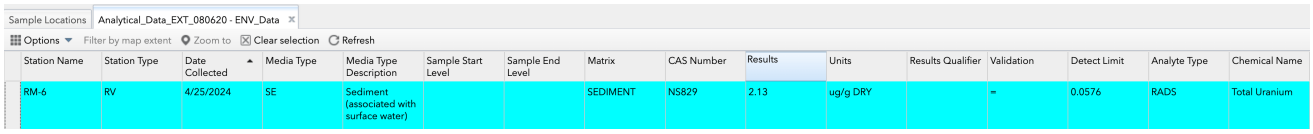
Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-6	RV	4/25/2024	SE	Sediment (associated with surface water)			SEDIMENT	24678-82-8	0.707	pCi/g DRY		=	0.0191	RADS	Uranium-238

Source: DOE's PORTS PEGASIS

7.) • **RAD Detected:** Total Uranium • **Date Collected:** 4/25/2024 • **Results:** 37X Higher than Detection Limit



Sample Locations | Analytical_Data_EXT_080620 - ENV_Data

Options | Filter by map extent | Zoom to | Clear selection | Refresh

Station Name	Station Type	Date Collected	Media Type	Media Type Description	Sample Start Level	Sample End Level	Matrix	CAS Number	Results	Units	Results Qualifier	Validation	Detect Limit	Analyte Type	Chemical Name
RM-6	RV	4/25/2024	SE	Sediment (associated with surface water)			SEDIMENT	NS829	2.13	ug/g DRY		=	0.0576	RADS	Total Uranium

Source: DOE's PORTS PEGASIS

Pickaway-Ross

Two Pickaway-Ross CTC locations received bomb threats throughout October: the Main Campus, located at 895 Crouse Chapel Road, Chillicothe, OH, as well as the Adult Education Campus, located at 1410 Industrial Drive, Chillicothe, OH. The Department of Energy currently does not have any monitoring stations placed that far north of the Portsmouth Gaseous Diffusion Plant (PORTS). The monitoring stations placed furthest north of PORTS are the RM-10N and RW-10N stations in Waverly.

East Portsmouth Elementary School

The Department of Energy has not installed any RAD Monitoring Stations near the East Portsmouth Elementary School. The closest station is located approximately nine miles north in Lucasville.

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