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LAB CHRONICLE

OrderID:	Q2879	**OrderDate:**	8/15/2025 9:15:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2879-01	**OU4-TS-GRILLO-TSCP 03-081425**	**SOIL**			**08/14/25**			**08/15/25**
			Mercury	7471B		08/18/25	08/18/25	
			Metals ICP-TAL	6010D		08/18/25	08/19/25	
Q2879-02	**OU4-TS-GRILLO-TSCP 03-081425**	**Water**			**08/14/25**			**08/15/25**
			SPLP Mercury	7470A		08/19/25	08/19/25	
			SPLP MetalGroup3	6020B		08/18/25	08/20/25	
Q2879-03	**OU4-TS-GRILLO-TSCP 04-081425**	**SOIL**			**08/14/25**			**08/15/25**
			Mercury	7471B		08/18/25	08/18/25	
			Metals ICP-TAL	6010D		08/18/25	08/19/25	
Q2879-04	**OU4-TS-GRILLO-TSCP 04-081425**	**Water**			**08/14/25**			**08/15/25**
			SPLP Mercury	7470A		08/19/25	08/19/25	
			SPLP MetalGroup3	6020B		08/18/25	08/20/25	
Q2879-05	**OU4-TS-GRILLO-TSCP 05-081425**	**SOIL**			**08/14/25**			**08/15/25**
			Mercury	7471B		08/18/25	08/18/25	
			Metals ICP-TAL	6010D		08/18/25	08/19/25	
Q2879-06	**OU4-TS-GRILLO-TSCP 05-081425**	**Water**			**08/14/25**			**08/15/25**
			SPLP Mercury	7470A		08/19/25	08/19/25	
			SPLP MetalGroup3	6020B		08/18/25	08/20/25	
Q2879-07	**OU4-TS-GRILLO-TSCP 06-081425**	**SOIL**			**08/14/25**			**08/15/25**
			Mercury	7471B		08/18/25	08/18/25	
			Metals ICP-TAL	6010D		08/18/25	08/19/25	

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Q2879-08	**OU4-TS-GRILLO-TSCP 06-081425**	**Water**			**08/14/25**			**08/15/25**
			SPLP Mercury	7470A		08/19/25	08/19/25	
			SPLP MetalGroup3	6020B		08/18/25	08/20/25	
Q2879-09	**OU4-TS-GRILLO-TSCP 07-081425**	**SOIL**			**08/14/25**			**08/15/25**
			Mercury	7471B		08/18/25	08/18/25	
			Metals ICP-TAL	6010D		08/18/25	08/19/25	
Q2879-10	**OU4-TS-GRILLO-TSCP 07-081425**	**Water**			**08/14/25**			**08/15/25**
			SPLP Mercury	7470A		08/19/25	08/19/25	
			SPLP MetalGroup3	6020B		08/18/25	08/20/25	
Q2879-11	**OU4-TS-GRILLO-TSCP 08-081425**	**SOIL**			**08/14/25**			**08/15/25**
			Mercury	7471B		08/18/25	08/18/25	
			Metals ICP-TAL	6010D		08/18/25	08/19/25	
Q2879-12	**OU4-TS-GRILLO-TSCP 08-081425**	**Water**			**08/14/25**			**08/15/25**
			SPLP Mercury	7470A		08/19/25	08/19/25	
			SPLP MetalGroup3	6020B		08/18/25	08/20/25	
Q2879-13	**OU4-TS-GRILLO-TSCP 09-081425**	**SOIL**			**08/14/25**			**08/15/25**
			Mercury	7471B		08/18/25	08/18/25	
			Metals ICP-TAL	6010D		08/18/25	08/19/25	
Q2879-14	**OU4-TS-GRILLO-TSCP 09-081425**	**Water**			**08/14/25**			**08/15/25**
			SPLP Mercury	7470A		08/19/25	08/19/25	
			SPLP MetalGroup3	6020B		08/18/25	08/20/25	
Q2879-15	**OU4-TS-GRILLO-TSCP 10-081425**	**SOIL**			**08/14/25**			**08/15/25**
			Mercury	7471B		08/18/25	08/18/25	
			Metals ICP-TAL	6010D		08/18/25	08/19/25	
Q2879-16	**OU4-TS-GRILLO-TSCP 10-081425**	**Water**			**08/14/25**			**08/15/25**

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			SPLP Mercury	7470A		08/19/25	08/19/25
			SPLP MetalGroup3	6020B		08/18/25	08/20/25
Q2879-17	**OU4-TS-GRILLO-TSCP 11-081425**	**SOIL**			**08/14/25**		**08/15/25**
			Mercury	7471B		08/18/25	08/18/25
			Metals ICP-TAL	6010D		08/18/25	08/19/25
Q2879-18	**OU4-TS-GRILLO-TSCP 11-081425**	**Water**			**08/14/25**		**08/15/25**
			SPLP Mercury	7470A		08/19/25	08/19/25
			SPLP MetalGroup3	6020B		08/18/25	08/20/25

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Hit Summary Sheet
SW-846

SDG No.: Q2879 **Order ID:** Q2879

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-GRILLO-TSCP03-081425									
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Antimony	1.05	JD	0.55	1.25	10.0	ug/L
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Arsenic	30.2	D	0.45	1.25	5.00	ug/L
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Barium	112	D	1.05	6.25	50.0	ug/L
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Beryllium	14.4	D	1.60	3.75	5.00	ug/L
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Cadmium	11.1	D	1.70	2.50	5.00	ug/L
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Chromium	53.3	D	1.05	3.75	10.0	ug/L
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Copper	194	D	1.50	7.50	10.0	ug/L
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Lead	203	D	1.05	3.75	5.00	ug/L
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Nickel	103	D	1.35	3.75	5.00	ug/L
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Silver	0.30	JD	0.30	2.50	5.00	ug/L
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Thallium	0.65	JD	0.30	2.50	5.00	ug/L
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Vanadium	264	D	0.39	1.25	25.0	ug/L
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	Water	Zinc	2440	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-GRILLO-TSCP04-081425									
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	Water	Antimony	0.90	JD	0.55	1.25	10.0	ug/L
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	Water	Arsenic	38.2	D	0.45	1.25	5.00	ug/L
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	Water	Barium	136	D	1.05	6.25	50.0	ug/L
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	Water	Beryllium	13.8	D	1.60	3.75	5.00	ug/L
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	Water	Cadmium	11.1	D	1.70	2.50	5.00	ug/L
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	Water	Chromium	52.7	D	1.05	3.75	10.0	ug/L
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	Water	Copper	190	D	1.50	7.50	10.0	ug/L
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	Water	Lead	179	D	1.05	3.75	5.00	ug/L
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	Water	Nickel	103	D	1.35	3.75	5.00	ug/L
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	Water	Thallium	0.65	JD	0.30	2.50	5.00	ug/L
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	Water	Vanadium	261	D	0.39	1.25	25.0	ug/L
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	Water	Zinc	2010	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-GRILLO-TSCP05-081425									
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	Water	Antimony	0.95	JD	0.55	1.25	10.0	ug/L
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	Water	Arsenic	29.6	D	0.45	1.25	5.00	ug/L
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	Water	Barium	133	D	1.05	6.25	50.0	ug/L
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	Water	Beryllium	14.3	D	1.60	3.75	5.00	ug/L
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	Water	Cadmium	11.4	D	1.70	2.50	5.00	ug/L
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	Water	Chromium	57.2	D	1.05	3.75	10.0	ug/L
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	Water	Copper	230	D	1.50	7.50	10.0	ug/L
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	Water	Lead	268	D	1.05	3.75	5.00	ug/L
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	Water	Nickel	97.0	D	1.35	3.75	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2879 **Order ID:** Q2879

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	Water	Thallium	0.70	JD	0.30	2.50	5.00	ug/L
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	Water	Vanadium	284	D	0.39	1.25	25.0	ug/L
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	Water	Zinc	1810	D	6.25	7.50	25.0	ug/L
Client ID :	**OU4-TS-GRILLO-TSCP06-081425**								
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Antimony	0.90	JD	0.55	1.25	10.0	ug/L
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Arsenic	33.8	D	0.45	1.25	5.00	ug/L
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Barium	124	D	1.05	6.25	50.0	ug/L
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Beryllium	14.3	D	1.60	3.75	5.00	ug/L
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Cadmium	11.6	D	1.70	2.50	5.00	ug/L
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Chromium	60.5	D	1.05	3.75	10.0	ug/L
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Copper	216	D	1.50	7.50	10.0	ug/L
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Lead	210	D	1.05	3.75	5.00	ug/L
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Nickel	109	D	1.35	3.75	5.00	ug/L
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Mercury	0.20	J	0.076	0.16	0.20	ug/L
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Thallium	0.75	JD	0.30	2.50	5.00	ug/L
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Vanadium	282	D	0.39	1.25	25.0	ug/L
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	Water	Zinc	2000	D	6.25	7.50	25.0	ug/L
Client ID :	**OU4-TS-GRILLO-TSCP07-081425**								
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Antimony	0.75	JD	0.55	1.25	10.0	ug/L
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Arsenic	10.2	D	0.45	1.25	5.00	ug/L
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Barium	104	D	1.05	6.25	50.0	ug/L
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Beryllium	4.80	JD	1.60	3.75	5.00	ug/L
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Cadmium	7.35	D	1.70	2.50	5.00	ug/L
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Chromium	9.95	JD	1.05	3.75	10.0	ug/L
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Copper	26.4	D	1.50	7.50	10.0	ug/L
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Lead	25.2	D	1.05	3.75	5.00	ug/L
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Nickel	59.7	D	1.35	3.75	5.00	ug/L
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Mercury	0.20		0.076	0.16	0.20	ug/L
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Thallium	0.40	JD	0.30	2.50	5.00	ug/L
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Vanadium	15.8	JD	0.39	1.25	25.0	ug/L
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	Water	Zinc	1610	D	6.25	7.50	25.0	ug/L
Client ID :	**OU4-TS-GRILLO-TSCP08-081425**								
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Antimony	0.75	JD	0.55	1.25	10.0	ug/L
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Arsenic	31.1	D	0.45	1.25	5.00	ug/L
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Barium	120	D	1.05	6.25	50.0	ug/L
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Beryllium	13.2	D	1.60	3.75	5.00	ug/L
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Cadmium	10.6	D	1.70	2.50	5.00	ug/L
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Chromium	47.8	D	1.05	3.75	10.0	ug/L

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Hit Summary Sheet
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SDG No.: Q2879 **Order ID:** Q2879

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Copper	168	D	1.50	7.50	10.0	ug/L
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Lead	175	D	1.05	3.75	5.00	ug/L
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Nickel	95.1	D	1.35	3.75	5.00	ug/L
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Mercury	0.41		0.076	0.16	0.20	ug/L
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Thallium	0.70	JD	0.30	2.50	5.00	ug/L
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Vanadium	264	D	0.39	1.25	25.0	ug/L
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	Water	Zinc	1850	D	6.25	7.50	25.0	ug/L
Client ID :	**OU4-TS-GRILLO-TSCP09-081425**								
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Antimony	0.90	JD	0.55	1.25	10.0	ug/L
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Arsenic	27.0	D	0.45	1.25	5.00	ug/L
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Barium	122	D	1.05	6.25	50.0	ug/L
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Beryllium	12.9	D	1.60	3.75	5.00	ug/L
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Cadmium	11.3	D	1.70	2.50	5.00	ug/L
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Chromium	46.5	D	1.05	3.75	10.0	ug/L
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Copper	144	D	1.50	7.50	10.0	ug/L
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Lead	179	D	1.05	3.75	5.00	ug/L
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Nickel	101	D	1.35	3.75	5.00	ug/L
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Mercury	0.26		0.076	0.16	0.20	ug/L
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Thallium	0.55	JD	0.30	2.50	5.00	ug/L
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Vanadium	213	D	0.39	1.25	25.0	ug/L
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	Water	Zinc	2010	D	6.25	7.50	25.0	ug/L
Client ID :	**OU4-TS-GRILLO-TSCP10-081425**								
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Antimony	0.90	JD	0.55	1.25	10.0	ug/L
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Arsenic	30.4	D	0.45	1.25	5.00	ug/L
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Barium	115	D	1.05	6.25	50.0	ug/L
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Beryllium	14.5	D	1.60	3.75	5.00	ug/L
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Cadmium	11.6	D	1.70	2.50	5.00	ug/L
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Chromium	56.9	D	1.05	3.75	10.0	ug/L
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Copper	204	D	1.50	7.50	10.0	ug/L
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Lead	263	D	1.05	3.75	5.00	ug/L
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Nickel	107	D	1.35	3.75	5.00	ug/L
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Mercury	0.21		0.076	0.16	0.20	ug/L
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Thallium	0.60	JD	0.30	2.50	5.00	ug/L
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Vanadium	288	D	0.39	1.25	25.0	ug/L
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	Water	Zinc	2060	D	6.25	7.50	25.0	ug/L
Client ID :	**OU4-TS-GRILLO-TSCP11-081425**								
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	Water	Antimony	0.75	JD	0.55	1.25	10.0	ug/L
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	Water	Arsenic	31.9	D	0.45	1.25	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2879 **Order ID:** Q2879

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	Water	Barium	132	D	1.05	6.25	50.0	ug/L
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	Water	Beryllium	12.2	D	1.60	3.75	5.00	ug/L
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	Water	Cadmium	9.70	D	1.70	2.50	5.00	ug/L
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	Water	Chromium	64.5	D	1.05	3.75	10.0	ug/L
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	Water	Copper	248	D	1.50	7.50	10.0	ug/L
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	Water	Lead	280	D	1.05	3.75	5.00	ug/L
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	Water	Nickel	100	D	1.35	3.75	5.00	ug/L
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	Water	Thallium	0.65	JD	0.30	2.50	5.00	ug/L
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	Water	Vanadium	302	D	0.39	1.25	25.0	ug/L
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	Water	Zinc	1750	D	6.25	7.50	25.0	ug/L

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP03-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.05	JD	5	0.55	1.25	10.0	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7440-38-2	Arsenic	30.2	DN	5	0.45	1.25	5.00	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7440-39-3	Barium	112	DN	5	1.05	6.25	50.0	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7440-41-7	Beryllium	14.4	D	5	1.60	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7440-43-9	Cadmium	11.1	D	5	1.70	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7440-47-3	Chromium	53.3	D	5	1.05	3.75	10.0	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7440-50-8	Copper	194	D	5	1.50	7.50	10.0	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7439-92-1	Lead	203	D	5	1.05	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	08/19/25 11:30	08/19/25 14:38	7470A	
7440-02-0	Nickel	103	D	5	1.35	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7440-22-4	Silver	0.30	JDN	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7440-28-0	Thallium	0.65	JD	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7440-62-2	Vanadium	264	D	5	0.39	1.25	25.0	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A
7440-66-6	Zinc	2440	D	5	6.25	7.50	25.0	ug/L	08/18/25 12:30	08/20/25 12:28	6020B	3010A

Color Before:	Light Yellow	Clarity Before:	Clear	Texture:	
Color After:	Light Yellow	Clarity After:	Clear	Artifacts:	
Comments:	SPLP Mercury				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP04-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	0.90	JD	5	0.55	1.25	10.0	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7440-38-2	Arsenic	38.2	DN	5	0.45	1.25	5.00	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7440-39-3	Barium	136	DN	5	1.05	6.25	50.0	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7440-41-7	Beryllium	13.8	D	5	1.60	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7440-43-9	Cadmium	11.1	D	5	1.70	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7440-47-3	Chromium	52.7	D	5	1.05	3.75	10.0	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7440-50-8	Copper	190	D	5	1.50	7.50	10.0	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7439-92-1	Lead	179	D	5	1.05	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	08/19/25 11:30	08/19/25 14:40	7470A	
7440-02-0	Nickel	103	D	5	1.35	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7440-28-0	Thallium	0.65	JD	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7440-62-2	Vanadium	261	D	5	0.39	1.25	25.0	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A
7440-66-6	Zinc	2010	D	5	6.25	7.50	25.0	ug/L	08/18/25 12:30	08/20/25 12:32	6020B	3010A

Color Before:	Light Yellow	Clarity Before:	Clear	Texture:	
Color After:	Light Yellow	Clarity After:	Clear	Artifacts:	
Comments:	SPLP Mercury				

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP05-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	0.95	JD	5	0.55	1.25	10.0	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7440-38-2	Arsenic	29.6	DN	5	0.45	1.25	5.00	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7440-39-3	Barium	133	DN	5	1.05	6.25	50.0	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7440-41-7	Beryllium	14.3	D	5	1.60	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7440-43-9	Cadmium	11.4	D	5	1.70	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7440-47-3	Chromium	57.2	D	5	1.05	3.75	10.0	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7440-50-8	Copper	230	D	5	1.50	7.50	10.0	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7439-92-1	Lead	268	D	5	1.05	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	08/19/25 11:30	08/19/25 14:43	7470A	
7440-02-0	Nickel	97.0	D	5	1.35	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7440-28-0	Thallium	0.70	JD	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7440-62-2	Vanadium	284	D	5	0.39	1.25	25.0	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A
7440-66-6	Zinc	1810	D	5	6.25	7.50	25.0	ug/L	08/18/25 12:30	08/20/25 12:35	6020B	3010A

Color Before:	Light Yellow	Clarity Before:	Clear	Texture:	
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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP06-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-08	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	0.90	JD	5	0.55	1.25	10.0	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7440-38-2	Arsenic	33.8	DN	5	0.45	1.25	5.00	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7440-39-3	Barium	124	DN	5	1.05	6.25	50.0	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7440-41-7	Beryllium	14.3	D	5	1.60	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7440-43-9	Cadmium	11.6	D	5	1.70	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7440-47-3	Chromium	60.5	D	5	1.05	3.75	10.0	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7440-50-8	Copper	216	D	5	1.50	7.50	10.0	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7439-92-1	Lead	210	D	5	1.05	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7439-97-6	Mercury	0.20	J	1	0.076	0.16	0.20	ug/L	08/19/25 11:30	08/19/25 14:50	7470A	
7440-02-0	Nickel	109	D	5	1.35	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7440-28-0	Thallium	0.75	JD	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7440-62-2	Vanadium	282	D	5	0.39	1.25	25.0	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A
7440-66-6	Zinc	2000	D	5	6.25	7.50	25.0	ug/L	08/18/25 12:30	08/20/25 12:38	6020B	3010A

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP07-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-10	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	0.75	JD	5	0.55	1.25	10.0	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7440-38-2	Arsenic	10.2	DN	5	0.45	1.25	5.00	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7440-39-3	Barium	104	DN	5	1.05	6.25	50.0	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7440-41-7	Beryllium	4.80	JD	5	1.60	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7440-43-9	Cadmium	7.35	D	5	1.70	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7440-47-3	Chromium	9.95	JD	5	1.05	3.75	10.0	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7440-50-8	Copper	26.4	D	5	1.50	7.50	10.0	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7439-92-1	Lead	25.2	D	5	1.05	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7439-97-6	Mercury	0.20		1	0.076	0.16	0.20	ug/L	08/19/25 11:30	08/19/25 14:52	7470A	
7440-02-0	Nickel	59.7	D	5	1.35	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7440-28-0	Thallium	0.40	JD	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7440-62-2	Vanadium	15.8	JD	5	0.39	1.25	25.0	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A
7440-66-6	Zinc	1610	D	5	6.25	7.50	25.0	ug/L	08/18/25 12:30	08/20/25 12:41	6020B	3010A

Color Before:	Light Yellow	Clarity Before:	Clear	Texture:	
Color After:	Light Yellow	Clarity After:	Clear	Artifacts:	
Comments:	SPLP Mercury				

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP08-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-12	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	0.75	JD	5	0.55	1.25	10.0	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7440-38-2	Arsenic	31.1	DN	5	0.45	1.25	5.00	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7440-39-3	Barium	120	DN	5	1.05	6.25	50.0	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7440-41-7	Beryllium	13.2	D	5	1.60	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7440-43-9	Cadmium	10.6	D	5	1.70	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7440-47-3	Chromium	47.8	D	5	1.05	3.75	10.0	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7440-50-8	Copper	168	D	5	1.50	7.50	10.0	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7439-92-1	Lead	175	D	5	1.05	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7439-97-6	Mercury	0.41		1	0.076	0.16	0.20	ug/L	08/19/25 11:30	08/19/25 14:54	7470A	
7440-02-0	Nickel	95.1	D	5	1.35	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7440-28-0	Thallium	0.70	JD	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7440-62-2	Vanadium	264	D	5	0.39	1.25	25.0	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A
7440-66-6	Zinc	1850	D	5	6.25	7.50	25.0	ug/L	08/18/25 12:30	08/20/25 12:44	6020B	3010A

Color Before:	Light Yellow	Clarity Before:	Clear	Texture:	
Color After:	Light Yellow	Clarity After:	Clear	Artifacts:	
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP09-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-14	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	0.90	JD	5	0.55	1.25	10.0	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7440-38-2	Arsenic	27.0	DN	5	0.45	1.25	5.00	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7440-39-3	Barium	122	DN	5	1.05	6.25	50.0	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7440-41-7	Beryllium	12.9	D	5	1.60	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7440-43-9	Cadmium	11.3	D	5	1.70	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7440-47-3	Chromium	46.5	D	5	1.05	3.75	10.0	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7440-50-8	Copper	144	D	5	1.50	7.50	10.0	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7439-92-1	Lead	179	D	5	1.05	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7439-97-6	Mercury	0.26		1	0.076	0.16	0.20	ug/L	08/19/25 11:30	08/19/25 14:57	7470A	
7440-02-0	Nickel	101	D	5	1.35	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7440-28-0	Thallium	0.55	JD	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7440-62-2	Vanadium	213	D	5	0.39	1.25	25.0	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A
7440-66-6	Zinc	2010	D	5	6.25	7.50	25.0	ug/L	08/18/25 12:30	08/20/25 12:56	6020B	3010A

Color Before:	Light Yellow	Clarity Before:	Clear	Texture:	
Color After:	Light Yellow	Clarity After:	Clear	Artifacts:	
Comments:	SPLP Mercury				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP10-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-16	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	0.90	JD	5	0.55	1.25	10.0	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7440-38-2	Arsenic	30.4	DN	5	0.45	1.25	5.00	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7440-39-3	Barium	115	DN	5	1.05	6.25	50.0	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7440-41-7	Beryllium	14.5	D	5	1.60	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7440-43-9	Cadmium	11.6	D	5	1.70	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7440-47-3	Chromium	56.9	D	5	1.05	3.75	10.0	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7440-50-8	Copper	204	D	5	1.50	7.50	10.0	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7439-92-1	Lead	263	D	5	1.05	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7439-97-6	Mercury	0.21		1	0.076	0.16	0.20	ug/L	08/19/25 11:30	08/19/25 14:59	7470A	
7440-02-0	Nickel	107	D	5	1.35	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7440-28-0	Thallium	0.60	JD	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7440-62-2	Vanadium	288	D	5	0.39	1.25	25.0	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A
7440-66-6	Zinc	2060	D	5	6.25	7.50	25.0	ug/L	08/18/25 12:30	08/20/25 12:59	6020B	3010A

Color Before:	Light Yellow	Clarity Before:	Clear	Texture:	
Color After:	Light Yellow	Clarity After:	Clear	Artifacts:	
Comments:	SPLP Mercury				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP11-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-18	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	0.75	JD	5	0.55	1.25	10.0	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7440-38-2	Arsenic	31.9	DN	5	0.45	1.25	5.00	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7440-39-3	Barium	132	DN	5	1.05	6.25	50.0	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7440-41-7	Beryllium	12.2	D	5	1.60	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7440-43-9	Cadmium	9.70	D	5	1.70	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7440-47-3	Chromium	64.5	D	5	1.05	3.75	10.0	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7440-50-8	Copper	248	D	5	1.50	7.50	10.0	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7439-92-1	Lead	280	D	5	1.05	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	08/19/25 11:30	08/19/25 15:01	7470A	
7440-02-0	Nickel	100	D	5	1.35	3.75	5.00	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7440-22-4	Silver	2.50	UDN	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7440-28-0	Thallium	0.65	JD	5	0.30	2.50	5.00	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7440-62-2	Vanadium	302	D	5	0.39	1.25	25.0	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A
7440-66-6	Zinc	1750	D	5	6.25	7.50	25.0	ug/L	08/18/25 12:30	08/20/25 13:02	6020B	3010A

Color Before:	Light Yellow	Clarity Before:	Clear	Texture:	
Color After:	Light Yellow	Clarity After:	Clear	Artifacts:	
Comments:	SPLP Mercury				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
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N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV23	Mercury	4.11	4.0	103	90 - 110	CV	08/19/2025	14:07	LB136879

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV71	Mercury	4.71	5.0	94	90 - 110	CV	08/19/2025	14:11	LB136879
CCV72	Mercury	4.70	5.0	94	90 - 110	CV	08/19/2025	14:45	LB136879
CCV73	Mercury	4.75	5.0	95	90 - 110	CV	08/19/2025	15:14	LB136879
CCV74	Mercury	5.24	5.0	105	90 - 110	CV	08/19/2025	15:37	LB136879

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Antimony	408	400	102	90 - 110	P	08/20/2025	11:35	LB136893
	Arsenic	398	400	100	90 - 110	P	08/20/2025	11:35	LB136893
	Barium	1610	1600	101	90 - 110	P	08/20/2025	11:35	LB136893
	Beryllium	39.7	40.0	99	90 - 110	P	08/20/2025	11:35	LB136893
	Cadmium	206	200	103	90 - 110	P	08/20/2025	11:35	LB136893
	Chromium	162	160	102	90 - 110	P	08/20/2025	11:35	LB136893
	Copper	189	200	94	90 - 110	P	08/20/2025	11:35	LB136893
	Lead	382	400	96	90 - 110	P	08/20/2025	11:35	LB136893
	Nickel	409	400	102	90 - 110	P	08/20/2025	11:35	LB136893
	Selenium	412	400	103	90 - 110	P	08/20/2025	11:35	LB136893
	Silver	213	200	106	90 - 110	P	08/20/2025	11:35	LB136893
	Thallium	382	400	96	90 - 110	P	08/20/2025	11:35	LB136893
	Vanadium	404	400	101	90 - 110	P	08/20/2025	11:35	LB136893
	Zinc	380	400	95	90 - 110	P	08/20/2025	11:35	LB136893

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Antimony	2.14	2.0	107	80 - 120	P	08/20/2025	11:50	LB136893
	Arsenic	0.99	1.0	99	80 - 120	P	08/20/2025	11:50	LB136893
	Barium	10.1	10.0	101	80 - 120	P	08/20/2025	11:50	LB136893
	Beryllium	1.11	1.0	111	80 - 120	P	08/20/2025	11:50	LB136893
	Cadmium	0.94	1.0	94	80 - 120	P	08/20/2025	11:50	LB136893
	Chromium	2.08	2.0	104	80 - 120	P	08/20/2025	11:50	LB136893
	Copper	2.00	2.0	100	80 - 120	P	08/20/2025	11:50	LB136893
	Lead	0.91	1.0	91	80 - 120	P	08/20/2025	11:50	LB136893
	Nickel	0.92	1.0	92	80 - 120	P	08/20/2025	11:50	LB136893
	Selenium	5.07	5.0	101	80 - 120	P	08/20/2025	11:50	LB136893
	Silver	1.14	1.0	114	80 - 120	P	08/20/2025	11:50	LB136893
	Thallium	1.00	1.0	100	80 - 120	P	08/20/2025	11:50	LB136893
	Vanadium	5.25	5.0	105	80 - 120	P	08/20/2025	11:50	LB136893
	Zinc	4.04	5.0	81	80 - 120	P	08/20/2025	11:50	LB136893

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Antimony	514	500	103	90 - 110	P	08/20/2025	12:06	LB136893
	Arsenic	500	500	100	90 - 110	P	08/20/2025	12:06	LB136893
	Barium	2590	2500	104	90 - 110	P	08/20/2025	12:06	LB136893
	Beryllium	523	500	105	90 - 110	P	08/20/2025	12:06	LB136893
	Cadmium	506	500	101	90 - 110	P	08/20/2025	12:06	LB136893
	Chromium	508	500	102	90 - 110	P	08/20/2025	12:06	LB136893
	Copper	5050	5000	101	90 - 110	P	08/20/2025	12:06	LB136893
	Lead	2570	2500	103	90 - 110	P	08/20/2025	12:06	LB136893
	Nickel	502	500	100	90 - 110	P	08/20/2025	12:06	LB136893
	Selenium	489	500	98	90 - 110	P	08/20/2025	12:06	LB136893
	Silver	506	500	101	90 - 110	P	08/20/2025	12:06	LB136893
	Thallium	519	500	104	90 - 110	P	08/20/2025	12:06	LB136893
	Vanadium	515	500	103	90 - 110	P	08/20/2025	12:06	LB136893
	Zinc	4960	5000	99	90 - 110	P	08/20/2025	12:06	LB136893
CCV02	Antimony	529	500	106	90 - 110	P	08/20/2025	12:47	LB136893
	Arsenic	500	500	100	90 - 110	P	08/20/2025	12:47	LB136893
	Barium	2670	2500	107	90 - 110	P	08/20/2025	12:47	LB136893
	Beryllium	531	500	106	90 - 110	P	08/20/2025	12:47	LB136893
	Cadmium	523	500	105	90 - 110	P	08/20/2025	12:47	LB136893
	Chromium	515	500	103	90 - 110	P	08/20/2025	12:47	LB136893
	Copper	5060	5000	101	90 - 110	P	08/20/2025	12:47	LB136893
	Lead	2570	2500	103	90 - 110	P	08/20/2025	12:47	LB136893
	Nickel	503	500	101	90 - 110	P	08/20/2025	12:47	LB136893
	Selenium	494	500	99	90 - 110	P	08/20/2025	12:47	LB136893
	Silver	531	500	106	90 - 110	P	08/20/2025	12:47	LB136893
	Thallium	522	500	104	90 - 110	P	08/20/2025	12:47	LB136893
	Vanadium	515	500	103	90 - 110	P	08/20/2025	12:47	LB136893
	Zinc	5010	5000	100	90 - 110	P	08/20/2025	12:47	LB136893
CCV03	Antimony	529	500	106	90 - 110	P	08/20/2025	13:27	LB136893
	Arsenic	494	500	99	90 - 110	P	08/20/2025	13:27	LB136893
	Barium	2680	2500	107	90 - 110	P	08/20/2025	13:27	LB136893
	Beryllium	539	500	108	90 - 110	P	08/20/2025	13:27	LB136893
	Cadmium	517	500	103	90 - 110	P	08/20/2025	13:27	LB136893
	Chromium	524	500	105	90 - 110	P	08/20/2025	13:27	LB136893

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV03	Copper	5140	5000	103	90 - 110	P	08/20/2025	13:27	LB136893
	Lead	2610	2500	104	90 - 110	P	08/20/2025	13:27	LB136893
	Nickel	516	500	103	90 - 110	P	08/20/2025	13:27	LB136893
	Selenium	484	500	97	90 - 110	P	08/20/2025	13:27	LB136893
	Silver	519	500	104	90 - 110	P	08/20/2025	13:27	LB136893
	Thallium	524	500	105	90 - 110	P	08/20/2025	13:27	LB136893
	Vanadium	525	500	105	90 - 110	P	08/20/2025	13:27	LB136893
	Zinc	5110	5000	102	90 - 110	P	08/20/2025	13:27	LB136893

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.21	0.2	103	70 - 130	CV	08/19/2025	14:16	LB136879
CRI	Antimony	2.19	2.0	110	70 - 130	P	08/20/2025	12:15	LB136893
	Arsenic	1.04	1.0	104	70 - 130	P	08/20/2025	12:15	LB136893
	Barium	10.6	10.0	106	70 - 130	P	08/20/2025	12:15	LB136893
	Beryllium	1.19	1.0	119	70 - 130	P	08/20/2025	12:15	LB136893
	Cadmium	0.71	1.0	71	70 - 130	P	08/20/2025	12:15	LB136893
	Chromium	2.15	2.0	108	70 - 130	P	08/20/2025	12:15	LB136893
	Copper	2.09	2.0	104	70 - 130	P	08/20/2025	12:15	LB136893
	Lead	0.92	1.0	92	70 - 130	P	08/20/2025	12:15	LB136893
	Nickel	1.02	1.0	102	70 - 130	P	08/20/2025	12:15	LB136893
	Selenium	4.95	5.0	99	70 - 130	P	08/20/2025	12:15	LB136893
	Silver	1.19	1.0	119	70 - 130	P	08/20/2025	12:15	LB136893
	Thallium	1.03	1.0	103	70 - 130	P	08/20/2025	12:15	LB136893
	Vanadium	5.41	5.0	108	70 - 130	P	08/20/2025	12:15	LB136893
	Zinc	4.29	5.0	86	50 - 150	P	08/20/2025	12:15	LB136893

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB23	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	08/19/2025	14:09	LB136879

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB71	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	08/19/2025	14:14	LB136879
CCB72	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	08/19/2025	14:47	LB136879
CCB73	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	08/19/2025	15:16	LB136879
CCB74	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	08/19/2025	15:39	LB136879

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Antimony	0.11	+/-1	U	0.25	2.00	P	08/20/2025	11:56	LB136893
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/20/2025	11:56	LB136893
	Barium	0.21	+/-5	U	1.25	10.0	P	08/20/2025	11:56	LB136893
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/20/2025	11:56	LB136893
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/20/2025	11:56	LB136893
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/20/2025	11:56	LB136893
	Copper	0.30	+/-1	U	1.50	2.00	P	08/20/2025	11:56	LB136893
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/20/2025	11:56	LB136893
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/20/2025	11:56	LB136893
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/20/2025	11:56	LB136893
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/20/2025	11:56	LB136893
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/20/2025	11:56	LB136893
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/20/2025	11:56	LB136893
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/20/2025	11:56	LB136893

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Antimony	0.11	+/-1	J	0.25	2.00	P	08/20/2025	12:09	LB136893
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/20/2025	12:09	LB136893
	Barium	0.21	+/-5	U	1.25	10.0	P	08/20/2025	12:09	LB136893
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/20/2025	12:09	LB136893
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/20/2025	12:09	LB136893
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/20/2025	12:09	LB136893
	Copper	0.30	+/-1	U	1.50	2.00	P	08/20/2025	12:09	LB136893
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/20/2025	12:09	LB136893
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/20/2025	12:09	LB136893
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/20/2025	12:09	LB136893
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/20/2025	12:09	LB136893
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/20/2025	12:09	LB136893
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/20/2025	12:09	LB136893
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/20/2025	12:09	LB136893
CCB02	Antimony	0.11	+/-1	U	0.25	2.00	P	08/20/2025	12:52	LB136893
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/20/2025	12:52	LB136893
	Barium	0.21	+/-5	U	1.25	10.0	P	08/20/2025	12:52	LB136893
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/20/2025	12:52	LB136893
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/20/2025	12:52	LB136893
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/20/2025	12:52	LB136893
	Copper	0.30	+/-1	U	1.50	2.00	P	08/20/2025	12:52	LB136893
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/20/2025	12:52	LB136893
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/20/2025	12:52	LB136893
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/20/2025	12:52	LB136893
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/20/2025	12:52	LB136893
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/20/2025	12:52	LB136893
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/20/2025	12:52	LB136893
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/20/2025	12:52	LB136893
CCB03	Antimony	0.14	+/-1	J	0.25	2.00	P	08/20/2025	13:30	LB136893
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/20/2025	13:30	LB136893
	Barium	0.21	+/-5	U	1.25	10.0	P	08/20/2025	13:30	LB136893
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/20/2025	13:30	LB136893
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/20/2025	13:30	LB136893
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/20/2025	13:30	LB136893
	Copper	0.30	+/-1	U	1.50	2.00	P	08/20/2025	13:30	LB136893
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/20/2025	13:30	LB136893
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/20/2025	13:30	LB136893
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/20/2025	13:30	LB136893
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/20/2025	13:30	LB136893

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB03	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/20/2025	13:30	LB136893
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/20/2025	13:30	LB136893
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/20/2025	13:30	LB136893

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Metals
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PREPARATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2879

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169293BL		**WATER**		**Batch Number:**		**PB169293**		**Prep Date:**	**08/19/2025**	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	08/19/2025	14:25	LB136879

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169293TB		**WATER**		**Batch Number:**		**PB169293**		**Prep Date:**	**08/19/2025**	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	08/19/2025	15:26	LB136879

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Metals
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PREPARATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2879

Instrument: P7

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169300BL		**WATER**		**Batch Number:**		**PB169300**		**Prep Date:**	**08/18/2025**	
	Antimony	0.11	<1	U	0.25	2.00	P	08/20/2025	12:19	LB136893
	Arsenic	0.089	<0.5	U	0.25	1.00	P	08/20/2025	12:19	LB136893
	Barium	0.21	<5	U	1.25	10.0	P	08/20/2025	12:19	LB136893
	Beryllium	0.32	<0.5	U	0.75	1.00	P	08/20/2025	12:19	LB136893
	Cadmium	0.34	<0.5	U	0.50	1.00	P	08/20/2025	12:19	LB136893
	Chromium	0.21	<1	U	0.75	2.00	P	08/20/2025	12:19	LB136893
	Copper	0.30	<1	U	1.50	2.00	P	08/20/2025	12:19	LB136893
	Lead	0.21	<0.5	U	0.75	1.00	P	08/20/2025	12:19	LB136893
	Nickel	0.27	<0.5	U	0.75	1.00	P	08/20/2025	12:19	LB136893
	Selenium	2.90	<2.5	U	4.50	5.00	P	08/20/2025	12:19	LB136893
	Silver	0.060	<0.5	U	0.50	1.00	P	08/20/2025	12:19	LB136893
	Thallium	0.060	<0.5	U	0.50	1.00	P	08/20/2025	12:19	LB136893
	Vanadium	0.077	<2.5	U	0.25	5.00	P	08/20/2025	12:19	LB136893
	Zinc	1.25	<2.5	U	1.50	5.00	P	08/20/2025	12:19	LB136893

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169300TB		**WATER**		**Batch Number:**		**PB169300**		**Prep Date:**	**08/18/2025**	
	Antimony	0.13	<1	J	0.25	2.00	P	08/20/2025	12:25	LB136893
	Arsenic	0.089	<0.5	U	0.25	1.00	P	08/20/2025	12:25	LB136893
	Barium	0.21	<5	U	1.25	10.0	P	08/20/2025	12:25	LB136893
	Beryllium	0.32	<0.5	U	0.75	1.00	P	08/20/2025	12:25	LB136893
	Cadmium	0.34	<0.5	U	0.50	1.00	P	08/20/2025	12:25	LB136893
	Chromium	0.21	<1	U	0.75	2.00	P	08/20/2025	12:25	LB136893
	Copper	0.30	<1	U	1.50	2.00	P	08/20/2025	12:25	LB136893
	Lead	0.21	<0.5	U	0.75	1.00	P	08/20/2025	12:25	LB136893
	Nickel	0.27	<0.5	U	0.75	1.00	P	08/20/2025	12:25	LB136893
	Selenium	2.90	<2.5	U	4.50	5.00	P	08/20/2025	12:25	LB136893
	Silver	0.060	<0.5	U	0.50	1.00	P	08/20/2025	12:25	LB136893
	Thallium	0.060	<0.5	U	0.50	1.00	P	08/20/2025	12:25	LB136893
	Vanadium	0.077	<2.5	U	0.25	5.00	P	08/20/2025	12:25	LB136893
	Zinc	1.25	<2.5	U	1.50	5.00	P	08/20/2025	12:25	LB136893

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INTERFERENCE CHECK SAMPLE

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P7

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Antimony	1.14	1.5	76	-2.5	5.5	08/20/2025	12:00	LB136893
	Arsenic	0.32	0.1	320	-1.9	2.1	08/20/2025	12:00	LB136893
	Barium	1.40	1.2	117	-18.8	21.2	08/20/2025	12:00	LB136893
	Beryllium	0.29			-2	2	08/20/2025	12:00	LB136893
	Cadmium	0	0.7		-1.3	2.7	08/20/2025	12:00	LB136893
	Chromium	20.2	21.0	96	17	25	08/20/2025	12:00	LB136893
	Copper	7.55	8.0	94	4	12	08/20/2025	12:00	LB136893
	Lead	4.16	4.0	104	2	6	08/20/2025	12:00	LB136893
	Nickel	5.30	6.0	88	4	8	08/20/2025	12:00	LB136893
	Selenium	0.34	0.3	113	-9.7	10	08/20/2025	12:00	LB136893
	Silver	0.040			-2	2	08/20/2025	12:00	LB136893
	Thallium	0.010			-2	2	08/20/2025	12:00	LB136893
	Vanadium	0.20	0.5	40	-9.5	10.5	08/20/2025	12:00	LB136893
	Zinc	9.07	11.0	82	1	21	08/20/2025	12:00	LB136893
ICSAB01	Antimony	21.3	22.0	97	18	26	08/20/2025	12:03	LB136893
	Arsenic	19.3	19.0	102	16.2	21.9	08/20/2025	12:03	LB136893
	Barium	21.7	22.0	99	2	42	08/20/2025	12:03	LB136893
	Beryllium	20.4	19.0	107	16.2	21.9	08/20/2025	12:03	LB136893
	Cadmium	20.3	20.0	102	17	23	08/20/2025	12:03	LB136893
	Chromium	40.4	40.0	101	34	46	08/20/2025	12:03	LB136893
	Copper	26.0	25.0	104	21	29	08/20/2025	12:03	LB136893
	Lead	24.9	25.0	100	21.3	28.8	08/20/2025	12:03	LB136893
	Nickel	25.4	24.0	106	20.4	27.6	08/20/2025	12:03	LB136893
	Selenium	19.4	19.0	102	9	29	08/20/2025	12:03	LB136893
	Silver	20.0	18.0	111	15.3	20.7	08/20/2025	12:03	LB136893
	Thallium	22.1	21.0	105	17.9	24.2	08/20/2025	12:03	LB136893
	Vanadium	20.1	19.0	106	9	29	08/20/2025	12:03	LB136893
	Zinc	28.3	29.0	98	19	39	08/20/2025	12:03	LB136893

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: Nobis Group **level:** low **sdg no.:** Q2879

contract: NOBI03 **lab code:** ACE

matrix: Water **sample id:** Q2879-18 **client id:** OU4-TS-GRILLO-TSCP11-081425MS

Percent Solids for Sample: NA **Spiked ID:** Q2879-18MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	85 - 117	474	D	0.75	JD	500	95		P
Arsenic	ug/L	84 - 116	693	D	31.9	D	500	132	N	P
Barium	ug/L	86 - 114	2260	D	132	D	2500	85	N	P
Beryllium	ug/L	83 - 121	476	D	12.2	D	500	93		P
Cadmium	ug/L	87 - 115	488	D	9.70	D	500	96		P
Chromium	ug/L	85 - 116	518	D	64.5	D	500	91		P
Copper	ug/L	85 - 118	4730	D	248	D	5000	90		P
Lead	ug/L	88 - 115	2560	D	280	D	2500	91		P
Nickel	ug/L	85 - 117	569	D	100	D	500	94		P
Mercury	ug/L	82 - 119	4.03		0.20	U	4.0	101		CV
Selenium	ug/L	80 - 120	442	D	25.0	UD	500	88		P
Silver	ug/L	85 - 116	79.4	D	5.00	UD	500	16	N	P
Thallium	ug/L	82 - 116	424	D	0.65	JD	500	85		P
Vanadium	ug/L	86 - 115	749	D	302	D	500	89		P
Zinc	ug/L	83 - 119	6210	D	1750	D	5000	89		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Nobis Group **level:** low **sdg no.:** Q2879

contract: NOBI03 **lab code:** ACE

matrix: Water **sample id:** Q2879-18 **client id:** OU4-TS-GRILLO-TSCP11-081425MSD

Percent Solids for Sample: NA **Spiked ID:** Q2879-18MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	85 - 117	484	D	0.75	JD	500	97		P
Arsenic	ug/L	84 - 116	711	D	31.9	D	500	136	N	P
Barium	ug/L	86 - 114	2310	D	132	D	2500	87		P
Beryllium	ug/L	83 - 121	483	D	12.2	D	500	94		P
Cadmium	ug/L	87 - 115	495	D	9.70	D	500	97		P
Chromium	ug/L	85 - 116	527	D	64.5	D	500	93		P
Copper	ug/L	85 - 118	4820	D	248	D	5000	92		P
Lead	ug/L	88 - 115	2660	D	280	D	2500	95		P
Nickel	ug/L	85 - 117	580	D	100	D	500	96		P
Mercury	ug/L	82 - 119	4.00		0.20	U	4.0	100		CV
Selenium	ug/L	80 - 120	455	D	25.0	UD	500	91		P
Silver	ug/L	85 - 116	80.4	D	5.00	UD	500	16	N	P
Thallium	ug/L	82 - 116	434	D	0.65	JD	500	87		P
Vanadium	ug/L	86 - 115	765	D	302	D	500	93		P
Zinc	ug/L	83 - 119	6340	D	1750	D	5000	92		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** OU4-TS-GRILLO-TSCP11-081425A

Sample ID: Q2879-18 **Spiked ID:** Q2879-18A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	84 - 116	728	D	31.9	D	500	139	N	P
Barium	ug/L	86 - 114	2260	D	132	D	2500	85	N	P
Silver	ug/L	85 - 116	79.3	D	5.00	UD	500	16	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Nobis Group **Level:** LOW **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2879-18 **Client ID:** OU4-TS-GRILLO-TSCP11-081425DUP

Percent Solids for Sample: NA **Duplicate ID** Q2879-18DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	0.75	JD	0.80	JD	6		P
Arsenic	ug/L	20	31.9	D	32.5	D	2		P
Barium	ug/L	20	132	D	129	D	2		P
Beryllium	ug/L	20	12.2	D	12.9	D	6		P
Cadmium	ug/L	20	9.70	D	9.40	D	3		P
Chromium	ug/L	20	64.5	D	65.3	D	1		P
Copper	ug/L	20	248	D	252	D	2		P
Lead	ug/L	20	280	D	288	D	3		P
Nickel	ug/L	20	100	D	103	D	3		P
Mercury	ug/L	20	0.20	U	0.20	U			CV
Selenium	ug/L	20	25.0	UD	25.0	UD			P
Silver	ug/L	20	5.00	UD	5.00	UD			P
Thallium	ug/L	20	0.65	JD	0.65	JD	0		P
Vanadium	ug/L	20	302	D	307	D	2		P
Zinc	ug/L	20	1750	D	1780	D	2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Nobis Group **Level:** LOW **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2879-18MS **Client ID:** OU4-TS-GRILLO-TSCP11-081425MSD

Percent Solids for Sample: NA **Duplicate ID** Q2879-18MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	474	D	484	D	2		P
Arsenic	ug/L	20	693	D	711	D	3		P
Barium	ug/L	20	2260	D	2310	D	2		P
Beryllium	ug/L	20	476	D	483	D	1		P
Cadmium	ug/L	20	488	D	495	D	1		P
Chromium	ug/L	20	518	D	527	D	2		P
Copper	ug/L	20	4730	D	4820	D	2		P
Lead	ug/L	20	2560	D	2660	D	4		P
Nickel	ug/L	20	569	D	580	D	2		P
Mercury	ug/L	20	4.03		4.00		1		CV
Selenium	ug/L	20	442	D	455	D	3		P
Silver	ug/L	20	79.4	D	80.4	D	1		P
Thallium	ug/L	20	424	D	434	D	2		P
Vanadium	ug/L	20	749	D	765	D	2		P
Zinc	ug/L	20	6210	D	6340	D	2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169293BS							
Mercury	ug/L	4.0	4.15		104	82 - 119	CV

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169300BS							
Antimony	ug/L	500	515		103	85 - 117	P
Arsenic	ug/L	500	501		100	84 - 116	P
Barium	ug/L	2500	2540		102	86 - 114	P
Beryllium	ug/L	500	515		103	83 - 121	P
Cadmium	ug/L	500	517		103	87 - 115	P
Chromium	ug/L	500	514		103	85 - 116	P
Copper	ug/L	5000	5140		103	85 - 118	P
Lead	ug/L	2500	2480		99	88 - 115	P
Nickel	ug/L	500	513		103	85 - 117	P
Selenium	ug/L	500	499		100	80 - 120	P
Silver	ug/L	500	516		103	85 - 116	P
Thallium	ug/L	500	502		100	82 - 116	P
Vanadium	ug/L	500	514		103	86 - 115	P
Zinc	ug/L	5000	5230		105	83 - 119	P

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group
Contract: NOBI03
Lab Code: ACE
SDG No.: Q2879
Instrument ID: P7
Start Date : 08/20/2025
Run Number: LB136893
End Date : 08/20/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
S0	S0	1049	100		100		100		100		100	
S2	S2	1056	102		99		99		99		100	
S3	S3	1059	103		98		98		97		98	
S4	S4	1102	105		99		100		99		101	
S5	S5	1105	104		97		98		98		99	
S6	S6	1108	106		99		100		99		103	
S7	S7	1111	107		103		105		102		106	
S8	S8	1114	104		103		102		96		102	
ICV01	ICV01	1135	95		101		102		102		100	
LLICV01	LLICV01	1150	96		99		101		100		99	
ICB01	ICB01	1156	95		99		100		100		97	
ICSA01	ICSA01	1200	97		98		101		98		100	
ICSAB01	ICSAB01	1203	95		103		107		104		106	
CCV01	CCV01	1206	98		106		110		105		109	
CCB01	CCB01	1209	92		102		106		105		102	
CRI	CRI	1215	93		102		104		104		101	
PB169300BL	PB169300BL	1219	91		101		103		102		99	
PB169300BS	PB169300BS	1222	95		102		106		103		104	
PB169300TB	PB169300TB	1225	91		99		102		101		99	
Q2879-02	OU4-TS-GRIL	1228	93		104		115		105		104	
Q2879-04	OU4-TS-GRIL	1232	89		103		113		105		103	
Q2879-06	OU4-TS-GRIL	1235	87		102		113		106		103	
Q2879-08	OU4-TS-GRIL	1238	87		103		115		106		103	
Q2879-10	OU4-TS-GRIL	1241	87		103		111		107		104	
Q2879-12	OU4-TS-GRIL	1244	87		104		117		109		107	
CCV02	CCV02	1247	92		106		110		105		106	
CCB02	CCB02	1252	90		100		103		104		101	
Q2879-14	OU4-TS-GRIL	1256	92		103		114		106		105	
Q2879-16	OU4-TS-GRIL	1259	89		104		117		107		105	
Q2879-18	OU4-TS-GRIL	1302	88		104		117		106		103	
Q2879-18DUP	OU4-TS-GRIL	1305	88		103		116		106		105	
Q2879-18L	OU4-TS-GRIL	1308	87		104		109		106		103	
Q2879-18MS	OU4-TS-GRIL	1311	89		105		117		109		106	
Q2879-18MSD	OU4-TS-GRIL	1314	88		103		114		106		106	
Q2879-18A	OU4-TS-GRIL	1317	88		106		117		108		105	
CCV03	CCV03	1327	91		108		112		106		107	

Internal Standard %RI Limit: 30 - 120

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group
Contract: NOBI03
Lab Code: ACE
SDG No.: Q2879
Instrument ID: P7
Start Date : 08/20/2025
Run Number: LB136893
End Date : 08/20/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
CCB03	CCB03	1330	88		100		105		105		102	

Internal Standard %RI Limit: 30 - 120

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group
Contract: NOBI03
Lab Code: ACE
SDG No.: Q2879
Instrument ID: P7
Start Date : 08/20/2025
Run Number: LB136893
End Date : 08/20/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	S0	1049	100		100		100		100		100	
S2	S2	1056	101		99		99		100		102	
S3	S3	1059	98		97		98		98		101	
S4	S4	1102	100		99		98		99		101	
S5	S5	1105	99		97		98		99		103	
S6	S6	1108	100		98		99		101		105	
S7	S7	1111	104		103		102		105		108	
S8	S8	1114	105		105		97		103		107	
ICV01	ICV01	1135	102		102		103		101		103	
LLICV01	LLICV01	1150	98		99		99		99		101	
ICB01	ICB01	1156	97		98		98		97		100	
ICSA01	ICSA01	1200	100		100		99		100		106	
ICSAB01	ICSAB01	1203	104		105		102		104		108	
CCV01	CCV01	1206	107		108		103		107		111	
CCB01	CCB01	1209	100		103		103		102		105	
CRI	CRI	1215	102		103		103		101		106	
PB169300BL	PB169300BL	1219	101		103		103		100		104	
PB169300BS	PB169300BS	1222	103		104		103		104		108	
PB169300TB	PB169300TB	1225	100		102		101		100		104	
Q2879-02	OU4-TS-GRIL	1228	105		113		106		106		110	
Q2879-04	OU4-TS-GRIL	1232	102		111		104		103		106	
Q2879-06	OU4-TS-GRIL	1235	103		113		107		105		108	
Q2879-08	OU4-TS-GRIL	1238	105		114		107		107		111	
Q2879-10	OU4-TS-GRIL	1241	105		111		107		106		111	
Q2879-12	OU4-TS-GRIL	1244	106		115		108		108		112	
CCV02	CCV02	1247	107		108		104		108		112	
CCB02	CCB02	1252	99		102		102		101		104	
Q2879-14	OU4-TS-GRIL	1256	104		112		107		106		111	
Q2879-16	OU4-TS-GRIL	1259	104		115		108		106		111	
Q2879-18	OU4-TS-GRIL	1302	103		115		108		107		111	
Q2879-18DUP	OU4-TS-GRIL	1305	102		114		107		107		110	
Q2879-18L	OU4-TS-GRIL	1308	102		107		106		105		109	
Q2879-18MS	OU4-TS-GRIL	1311	105		114		107		107		112	
Q2879-18MSD	OU4-TS-GRIL	1314	104		113		107		106		110	
Q2879-18A	OU4-TS-GRIL	1317	104		114		110		108		112	
CCV03	CCV03	1327	106		109		104		109		114	

Internal Standard %RI Limit: 30 - 120

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group
Contract: NOBI03
Lab Code: ACE
SDG No.: Q2879
Instrument ID: P7
Start Date : 08/20/2025
Run Number: LB136893
End Date : 08/20/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
CCB03	CCB03	1330	99		103		103		103		106	

Internal Standard %RI Limit: 30 - 120

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group
Contract: NOBI03
Lab Code: ACE
SDG No.: Q2879
Instrument ID: P7
Start Date : 08/20/2025
Run Number: LB136893
End Date : 08/20/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
S0	S0	1049	100		100							
S2	S2	1056	100		102							
S3	S3	1059	98		100							
S4	S4	1102	101		102							
S5	S5	1105	100		100							
S6	S6	1108	104		104							
S7	S7	1111	106		106							
S8	S8	1114	104		97							
ICV01	ICV01	1135	100		100							
LLICV01	LLICV01	1150	99		98							
ICB01	ICB01	1156	99		98							
ICSA01	ICSA01	1200	103		99							
ICSAB01	ICSAB01	1203	106		102							
CCV01	CCV01	1206	111		103							
CCB01	CCB01	1209	103		101							
CRI	CRI	1215	103		101							
PB169300BL	PB169300BL	1219	101		99							
PB169300BS	PB169300BS	1222	105		102							
PB169300TB	PB169300TB	1225	102		100							
Q2879-02	OU4-TS-GRILI	1228	106		101							
Q2879-04	OU4-TS-GRILI	1232	104		99							
Q2879-06	OU4-TS-GRILI	1235	105		100							
Q2879-08	OU4-TS-GRILI	1238	105		101							
Q2879-10	OU4-TS-GRILI	1241	104		100							
Q2879-12	OU4-TS-GRILI	1244	106		101							
CCV02	CCV02	1247	108		101							
CCB02	CCB02	1252	102		99							
Q2879-14	OU4-TS-GRILI	1256	107		102							
Q2879-16	OU4-TS-GRILI	1259	109		103							
Q2879-18	OU4-TS-GRILI	1302	107		101							
Q2879-18DUP	OU4-TS-GRILI	1305	105		99							
Q2879-18L	OU4-TS-GRILI	1308	104		100							
Q2879-18MS	OU4-TS-GRILI	1311	108		102							
Q2879-18MSD	OU4-TS-GRILI	1314	107		101							

Internal Standard %RI Limit: 30 -120

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group
Contract: NOBI03
Lab Code: ACE
SDG No.: Q2879
Instrument ID: P7
Start Date : 08/20/2025
Run Number: LB136893
End Date : 08/20/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
Q2879-18A	OU4-TS-GRILI	1317	106		103							
CCV03	CCV03	1327	110		99							
CCB03	CCB03	1330	103		99							

Internal Standard %RI Limit: 30 -120

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group | Contract: NOBI03

Lab Code: ACE | SDG No.: Q2879

Instrument ID: P7 | Start Date : 08/20/2025

Run Number: LB136893 | End Date : 08/20/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	S0	1049	100									
S2	S2	1056	101									
S3	S3	1059	100									
S4	S4	1102	100									
S5	S5	1105	101									
S6	S6	1108	101									
S7	S7	1111	103									
S8	S8	1114	96									
ICV01	ICV01	1135	102									
LLICV01	LLICV01	1150	100									
ICB01	ICB01	1156	98									
ICSA01	ICSA01	1200	98									
ICSAB01	ICSAB01	1203	102									
CCV01	CCV01	1206	102									
CCB01	CCB01	1209	101									
CRI	CRI	1215	102									
PB169300BL	PB169300BL	1219	101									
PB169300BS	PB169300BS	1222	103									
PB169300TB	PB169300TB	1225	101									
Q2879-02	OU4-TS-GRILI	1228	104									
Q2879-04	OU4-TS-GRILI	1232	101									
Q2879-06	OU4-TS-GRILI	1235	103									
Q2879-08	OU4-TS-GRILI	1238	106									
Q2879-10	OU4-TS-GRILI	1241	106									
Q2879-12	OU4-TS-GRILI	1244	106									
CCV02	CCV02	1247	102									
CCB02	CCB02	1252	100									
Q2879-14	OU4-TS-GRILI	1256	106									
Q2879-16	OU4-TS-GRILI	1259	105									
Q2879-18	OU4-TS-GRILI	1302	104									
Q2879-18DUP	OU4-TS-GRILI	1305	104									
Q2879-18L	OU4-TS-GRILI	1308	103									
Q2879-18MS	OU4-TS-GRILI	1311	105									
Q2879-18MSD	OU4-TS-GRILI	1314	103									

Internal Standard %RI Limit: 30 -120

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group
Contract: NOBI03
Lab Code: ACE
SDG No.: Q2879
Instrument ID: P7
Start Date : 08/20/2025
Run Number: LB136893
End Date : 08/20/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
Q2879-18A	OU4-TS-GRILI	1317	104									
CCV03	CCV03	1327	102									
CCB03	CCB03	1330	102									

Internal Standard %RI Limit: 30 -120

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ICP SERIAL DILUTIONS

SAMPLE NO.

OU4-TS-GRILLO-TSCP11-081425L

Lab Name: Alliance **Contract:** NOBI03

Lab Code: ACE **Lb No.:** lb136893 **Lab Sample ID :** Q2879-18L **SDG No.:** Q2879

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Antimony	0.75	JD	50.0	UD	67		P
Arsenic	31.9	D	35.5	D	11		P
Barium	132	D	130	JD	2		P
Beryllium	12.2	D	13.0	JD	7		P
Cadmium	9.70	D	25.0	UD	82		P
Chromium	64.5	D	63.3	D	2		P
Copper	248	D	257	D	3		P
Lead	280	D	278	D	1		P
Nickel	100	D	104	D	4		P
Mercury	0.20	U	1.00	U			CV
Selenium	25.0	UD	125	UD			P
Silver	5.00	UD	25.0	UD			P
Thallium	0.65	JD	25.0	UD	62		P
Vanadium	302	D	312	D	3		P
Zinc	1750	D	1810	D	3		P

METAL PREPARATION & INSTRUMENT DATA

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169293**						
PB169293BL	PB169293BL	MB	WATER	08/19/2025	30.0	30.0	
PB169293BS	PB169293BS	LCS	WATER	08/19/2025	30.0	30.0	
PB169293TB	PB169293TB	MB	WATER	08/19/2025	30.0	30.0	
Q2879-02	OU4-TS-GRILLO-TSCP03-081425	SAM	WATER	08/19/2025	30.0	30.0	
Q2879-04	OU4-TS-GRILLO-TSCP04-081425	SAM	WATER	08/19/2025	30.0	30.0	
Q2879-06	OU4-TS-GRILLO-TSCP05-081425	SAM	WATER	08/19/2025	30.0	30.0	
Q2879-08	OU4-TS-GRILLO-TSCP06-081425	SAM	WATER	08/19/2025	30.0	30.0	
Q2879-10	OU4-TS-GRILLO-TSCP07-081425	SAM	WATER	08/19/2025	30.0	30.0	
Q2879-12	OU4-TS-GRILLO-TSCP08-081425	SAM	WATER	08/19/2025	30.0	30.0	
Q2879-14	OU4-TS-GRILLO-TSCP09-081425	SAM	WATER	08/19/2025	30.0	30.0	
Q2879-16	OU4-TS-GRILLO-TSCP10-081425	SAM	WATER	08/19/2025	30.0	30.0	
Q2879-18	OU4-TS-GRILLO-TSCP11-081425	SAM	WATER	08/19/2025	30.0	30.0	
Q2879-18DUP	OU4-TS-GRILLO-TSCP11-081425DUP	DUP	WATER	08/19/2025	30.0	30.0	
Q2879-18MS	OU4-TS-GRILLO-TSCP11-081425MS	MS	WATER	08/19/2025	30.0	30.0	
Q2879-18MSD	OU4-TS-GRILLO-TSCP11-081425MSD	MSD	WATER	08/19/2025	30.0	30.0	

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SAMPLE PREPARATION SUMMARY

Client: Nobis Group **SDG No.:** Q2879

Contract: NOBI03 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169300**						
PB169300BL	PB169300BL	MB	WATER	08/18/2025	50.0	50.0	
PB169300BS	PB169300BS	LCS	WATER	08/18/2025	50.0	50.0	
PB169300TB	PB169300TB	MB	WATER	08/18/2025	50.0	50.0	
Q2879-02	OU4-TS-GRILLO-TSCP03-081425	SAM	WATER	08/18/2025	50.0	50.0	
Q2879-04	OU4-TS-GRILLO-TSCP04-081425	SAM	WATER	08/18/2025	50.0	50.0	
Q2879-06	OU4-TS-GRILLO-TSCP05-081425	SAM	WATER	08/18/2025	50.0	50.0	
Q2879-08	OU4-TS-GRILLO-TSCP06-081425	SAM	WATER	08/18/2025	50.0	50.0	
Q2879-10	OU4-TS-GRILLO-TSCP07-081425	SAM	WATER	08/18/2025	50.0	50.0	
Q2879-12	OU4-TS-GRILLO-TSCP08-081425	SAM	WATER	08/18/2025	50.0	50.0	
Q2879-14	OU4-TS-GRILLO-TSCP09-081425	SAM	WATER	08/18/2025	50.0	50.0	
Q2879-16	OU4-TS-GRILLO-TSCP10-081425	SAM	WATER	08/18/2025	50.0	50.0	
Q2879-18	OU4-TS-GRILLO-TSCP11-081425	SAM	WATER	08/18/2025	50.0	50.0	
Q2879-18DUP	OU4-TS-GRILLO-TSCP11-081425DUP	DUP	WATER	08/18/2025	50.0	50.0	
Q2879-18MS	OU4-TS-GRILLO-TSCP11-081425MS	MS	WATER	08/18/2025	50.0	50.0	
Q2879-18MSD	OU4-TS-GRILLO-TSCP11-081425MSD	MSD	WATER	08/18/2025	50.0	50.0	

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ANALYSIS RUN LOG

Client: Nobis Group **Contract:** NOBI03

Lab code: ACE **Sdg no.:** Q2879

Instrument id number: **Method:** **Run number:** LB136879

Start date: 08/19/2025 **End date:** 08/19/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1352	HG
S0.2	S0.2	1	1355	HG
S2.5	S2.5	1	1357	HG
S5	S5	1	1359	HG
S7.5	S7.5	1	1401	HG
S10	S10	1	1404	HG
ICV23	ICV23	1	1407	HG
ICB23	ICB23	1	1409	HG
CCV71	CCV71	1	1411	HG
CCB71	CCB71	1	1414	HG
CRA	CRA	1	1416	HG
PB169293BL	PB169293BL	1	1425	HG
PB169293BS	PB169293BS	1	1431	HG
Q2879-02	OU4-TS-GRILLO-TSCP03-0814	1	1438	HG
Q2879-04	OU4-TS-GRILLO-TSCP04-0814	1	1440	HG
Q2879-06	OU4-TS-GRILLO-TSCP05-0814	1	1443	HG
CCV72	CCV72	1	1445	HG
CCB72	CCB72	1	1447	HG
Q2879-08	OU4-TS-GRILLO-TSCP06-0814	1	1450	HG
Q2879-10	OU4-TS-GRILLO-TSCP07-0814	1	1452	HG
Q2879-12	OU4-TS-GRILLO-TSCP08-0814	1	1454	HG
Q2879-14	OU4-TS-GRILLO-TSCP09-0814	1	1457	HG
Q2879-16	OU4-TS-GRILLO-TSCP10-0814	1	1459	HG
Q2879-18	OU4-TS-GRILLO-TSCP11-0814	1	1501	HG
Q2879-18DUP	OU4-TS-GRILLO-TSCP11-0814	1	1503	HG
Q2879-18MS	OU4-TS-GRILLO-TSCP11-0814	1	1509	HG
Q2879-18MSD	OU4-TS-GRILLO-TSCP11-0814	1	1512	HG
CCV73	CCV73	1	1514	HG
CCB73	CCB73	1	1516	HG
PB169293TB	PB169293TB	1	1526	HG
Q2879-18L	OU4-TS-GRILLO-TSCP11-0814	5	1529	HG
CCV74	CCV74	1	1537	HG
CCB74	CCB74	1	1539	HG

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metals
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ANALYSIS RUN LOG

Client: Nobis Group **Contract:** NOBI03

Lab code: ACE **Sdg no.:** Q2879

Instrument id number: **Method:** **Run number:** LB136893

Start date: 08/20/2025 **End date:** 08/20/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1049	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1056	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1059	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1102	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1105	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S6	S6	1	1108	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S7	S7	1	1111	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S8	S8	1	1114	,
ICV01	ICV01	1	1135	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1150	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1156	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1200	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1203	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1206	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1209	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CRI	CRI	1	1215	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
PB169300BL	PB169300BL	1	1219	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
PB169300BS	PB169300BS	1	1222	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
PB169300TB	PB169300TB	1	1225	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-02	OU4-TS-GRILLO-TSCP03-081	5	1228	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-04	OU4-TS-GRILLO-TSCP04-081	5	1232	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-06	OU4-TS-GRILLO-TSCP05-081	5	1235	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-08	OU4-TS-GRILLO-TSCP06-081	5	1238	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-10	OU4-TS-GRILLO-TSCP07-081	5	1241	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-12	OU4-TS-GRILLO-TSCP08-081	5	1244	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1247	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1252	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-14	OU4-TS-GRILLO-TSCP09-081	5	1256	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-16	OU4-TS-GRILLO-TSCP10-081	5	1259	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-18	OU4-TS-GRILLO-TSCP11-081	5	1302	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-18DUP	OU4-TS-GRILLO-TSCP11-081	5	1305	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-18L	OU4-TS-GRILLO-TSCP11-081	25	1308	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-18MS	OU4-TS-GRILLO-TSCP11-081	5	1311	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-18MSD	OU4-TS-GRILLO-TSCP11-081	5	1314	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2879-18A	OU4-TS-GRILLO-TSCP11-081	5	1317	Ag,As,Ba
CCV03	CCV03	1	1327	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1330	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn