

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q1505
Project:	NJ Waste Water PT	Run No.:	LB134982

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134982BSW							
Nitrite	mg/L	0.3	0.30		100	1	90-110	03/11/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB134998

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134998BS							
Chloride	mg/L	500	490		98	1	90-110	03/12/2025

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q1505
Project:	NJ Waste Water PT	Run No.:	LB135002

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135002BS							
BOD5	mg/L	198	197		99	1	84.6-115.4	03/12/2025

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q1505
Project:	NJ Waste Water PT	Run No.:	LB135003

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135003BS							
CBOD5	mg/L	198	197		100	1	84.6-115.4	03/12/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135004

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135004BSW							
Bromide	mg/L	10	10.5		105	1	90-110	03/11/2025
Chloride	mg/L	3	3.10		103	1	90-110	03/11/2025
Fluoride	mg/L	2	2.10		105	1	90-110	03/11/2025
Nitrite	mg/L	3	3.10		103	1	90-110	03/11/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	03/11/2025
Sulfate	mg/L	15	15.5		103	1	90-110	03/11/2025
Orthophosphate as P	mg/L	5	4.70		94	1	90-110	03/11/2025

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q1505
Project:	NJ Waste Water PT	Run No.:	LB135005

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135005BSW							
Bromide	mg/L	10	10.5		105	1	90-110	03/11/2025
Chloride	mg/L	3	3.10		103	1	90-110	03/11/2025
Fluoride	mg/L	2	2.10		105	1	90-110	03/11/2025
Nitrite	mg/L	3	3.10		103	1	90-110	03/11/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	03/11/2025
Sulfate	mg/L	15	15.5		103	1	90-110	03/11/2025
Orthophosphate as P	mg/L	5	4.70		94	1	90-110	03/11/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135023

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135023BS							
Conductance	umho/cm	1413	1410		100	1	99-101	03/13/2025

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q1505
Project:	NJ Waste Water PT	Run No.:	LB135027

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135027BS							
Oil and Grease	mg/L	20.0	16.9		84	1	78-114	03/14/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135028

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135028BS							
TPH	mg/L	20.0	17.0		85	1	78-114	03/14/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135028

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135028BSD							
TPH	mg/L	20.0	17.4		87	1	78-114	03/14/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135037

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135037BS							
Orthophosphate as P	mg/L	0.5	0.51		101	1	90-110	03/14/2025

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q1505
Project:	NJ Waste Water PT	Run No.:	LB135057

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135057BS							
Conductance	umho/cm	1413	1410		100	1	99-101	03/13/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135058

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135058BS							
Conductance	umho/cm	1413	1410		100	1	99-101	03/13/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135065

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135065BSW							
Alkalinity	mg/L	50	45.0		90	1	80-120	03/18/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135085

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135085BSW							
TOC	mg/L	10	10.5		105	1	90-110	03/19/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135087

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135087BS							
Residual Chlorine	mg/L	0.4	0.42		105	1	90-110	03/19/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135094

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135094BS							
Hexavalent Chromium	mg/L	0.5	0.52		104	1	90-111	03/19/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135113

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135113BS							
Hexavalent Chromium	mg/L	0.5	0.50		100	1	90-111	03/20/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135125

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135125BSW							
TOC	mg/L	10	10.5		105	1	90-110	03/19/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135131

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135131BS							
COD	mg/L	50	49.3		99	1	90-110	03/21/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135191

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135191BS							
Sulfate	mg/L	20	19.3		96	1	90-110	03/26/2025

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q1505
Project:	NJ Waste Water PT	Run No.:	LB135192

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135192BS							
Sulfate	mg/L	20	19.4		97	1	90-110	03/26/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135334

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135334BS							
TSS	mg/L	550	533		97	1	90-110	04/08/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135335

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135335BS							
TDS	mg/L	100	94.0		94	1	90-110	04/08/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135012

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167063BS							
Ammonia as N	mg/L	1	0.98		98	1	90-110	03/12/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135041

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167144BS							
Phosphorus, Total	mg/L	0.50	0.50		99	1	90-110	03/14/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135060

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167174BS							
Phenolics	mg/L	1	0.99		99	1	80-120	03/17/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135061

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167175BS							
Phenolics	mg/L	1	0.99		99	1	80-120	03/17/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135095

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167190BS							
TKN	mg/L	5	4.80		96	1	90-110	03/19/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135072

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167191BS							
Cyanide	mg/L	0.1	0.095		95	1	85-115	03/18/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135075

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167192BS							
Cyanide	mg/L	0.1	0.093		93	1	85-115	03/18/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135073

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167195BS							
Cyanide	mg/L	0.1	0.096		96	1	85-115	03/18/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135104

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167198BS							
Sulfide	mg/L	25	22.4		90	1	80-120	03/20/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1505

Project: NJ Waste Water PT

Run No.: LB135103

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167199BS							
Sulfide	mg/L	25	21.4		86	1	80-120	03/20/2025