

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Run No.:	LB137127

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137127BS							
Oil and Grease	mg/L	20.0	16.9		84	1	78-114	09/10/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137128

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137128BS							
TPH	mg/L	20.0	16.8		84	1	78-114	09/10/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137128

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137128BSD							
TPH	mg/L	20.0	17.0		85	1	78-114	09/10/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137137

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137137BS							
Residual Chlorine	mg/L	0.4	0.42		105	1	90-110	09/10/2025

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Run No.:	LB137152

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137152BSW							
Nitrite	mg/L	0.3	0.30		100	1	90-110	09/11/2025

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Run No.:	LB137171

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137171BSW							
Bromide	mg/L	10	10.0		100	1	90-110	09/11/2025
Chloride	mg/L	3	3.00		100	1	90-110	09/11/2025
Fluoride	mg/L	2	2.00		100	1	90-110	09/11/2025
Nitrite	mg/L	3	3.00		100	1	90-110	09/11/2025
Nitrate	mg/L	2.5	2.40		96	1	90-110	09/11/2025
Sulfate	mg/L	15	14.8		99	1	90-110	09/11/2025
Orthophosphate as P	mg/L	5	5.00		100	1	90-110	09/11/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137172

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137172BSW							
Bromide	mg/L	10	10.0		100	1	90-110	09/11/2025
Chloride	mg/L	3	3.00		100	1	90-110	09/11/2025
Fluoride	mg/L	2	2.00		100	1	90-110	09/11/2025
Nitrite	mg/L	3	3.00		100	1	90-110	09/11/2025
Nitrate	mg/L	2.5	2.40		96	1	90-110	09/11/2025
Sulfate	mg/L	15	14.8		99	1	90-110	09/11/2025
Orthophosphate as P	mg/L	5	5.00		100	1	90-110	09/11/2025

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Run No.:	LB137175

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137175BS							
Conductance	umho/cm	1413	1410		100	1	99-101	09/12/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137176

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137176BS							
Conductance	umho/cm	1413	1410		100	1	99-101	09/12/2025

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Run No.:	LB137177

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137177BS							
Conductance	umho/cm	1413	1410		100	1	99-101	09/12/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137196

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137196BS							
Chloride	mg/L	500	485		97	1	90-110	09/15/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137208

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137208BS							
CBOD5	mg/L	198	175		88	1	84.6-115.4	09/17/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137215

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137215BS							
BOD5	mg/L	198	173		87	1	84.6-115.4	09/17/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137233

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137233BS							
Hexavalent Chromium	mg/L	0.5	0.54		107	1	90-111	09/18/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137249

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137249BS							
Hexavalent Chromium	mg/L	0.5	0.52		105	1	90-111	09/19/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137264

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137264BS							
COD	mg/L	50	52.2		104	1	90-110	09/22/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137319

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137319BS							
Orthophosphate as P	mg/L	0.5	0.49		98	1	90-110	09/25/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137431

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137431BSW							
Alkalinity	mg/L	50	46.8		94	1	80-120	10/06/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137443

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137443BS							
Sulfate	mg/L	20	19.3		96	1	90-110	10/07/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137444

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137444BS							
Sulfate	mg/L	20	19.2		96	1	90-110	10/07/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137457

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137457BSW							
TOC	mg/L	10	10.1		101	1	90-110	10/07/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137458

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137458BSW							
TOC	mg/L	10	10.1		101	1	90-110	10/07/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137553

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137553BS							
TSS	mg/L	550	561		102	1	90-110	10/16/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137554

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137554BS							
TDS	mg/L	100	94.0		94	1	90-110	10/15/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137555

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137555BS							
TS	mg/L	500	483		97	1	90-110	10/15/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137136

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169542BS							
Sulfide	mg/L	25	22.4		90	1	80-120	09/10/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137146

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169543BS							
Sulfide	mg/L	25	21.6		86	1	80-120	09/10/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137160

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169624BS							
Phenolics	mg/L	1	0.99		99	1	80-120	09/11/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137157

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169625BS							
Phenolics	mg/L	1	1.10		110	1	80-120	09/11/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137134

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169630BS							
Cyanide	mg/L	0.1	0.10		100	1	85-115	09/10/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137132

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169639BS							
Cyanide	mg/L	0.1	0.099		99	1	85-115	09/10/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137135

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169642BS							
Cyanide	mg/L	0.1	0.098		98	1	85-115	09/10/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137214

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169715BS							
TKN	mg/L	5	5.10		102	1	90-110	09/17/2025

Laboratory Control Sample Summary

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3019

Project: NJ Waste Water PT

Run No.: LB137211

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169716BS							
Ammonia as N	mg/L	1	1.00		100	1	90-110	09/17/2025

Laboratory Control Sample Summary

Client:	Alliance Technical Group, LLC - Newark	SDG No.:	Q3019
Project:	NJ Waste Water PT	Run No.:	LB137320

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB169837BS							
Phosphorus, Total	mg/L	0.50	0.51		102	1	90-110	09/25/2025