

Table 3.5.2-2

Phase 5 Characterization
Maximum 1,4-Dioxane Results for Temporary Wells

2020 BNL Groundwater Status Report

Well	Sample Date	1,4-Dioxane µg/L
Current Firehouse Area		
PFC-GP-02	5/21/18	NA
PFC-GP-04	5/22-23/18	NA
PFC-GP-35	11/7/18	NA
PFC-GP-36	11/15-16/18	NA
PFC-GP-37	11/12-13/18	NA
PFC-GP-38	11/8-9/2018	NA
PFC-GP-39	11/26-27/2018	NA
PFC-GP-55	8/12/20	ND
PFC-GP-56	8/10-11/20	NA
PFC-GP-57	7/27-28/2020	NA
PFC-GP-58	7/27-28/2020	ND
PFC-GP-59	7/23-24/2020	NA
PFC-GP-60	7/21-22/2020	NA
PFC-GP-61	7/17-20/2020	NA
PFC-GP-62	7/15-16/2020	ND
PFC-GP-63	7/13-14/2020	NA
PFC-GP-64	8/7-10/2020	NA
PFC-GP-65	8/6-7/2020	0.36
PFC-GP-66	7/31-8/3/2020	NA
PFC-GP-67	8/5-6/2020	0.1J
PFC-GP-68(a)	7/30-31/2020	NA
PFC-GP-69	8/3-5/2020	ND
PFC-GP-70	7/29-30/2020	NA
PFC-GP-71	9/11-14/2020	NA
PFC-GP-72	9/15-16/2020	11DE
PFC-GP-73	9/15-16/2020	NA
PFC-GP-74	9/2-3/2020	3.3E
PFC-GP-75	9/3-4/2020	NA
PFC-GP-76	9/1-2/2020	5.6E
PFC-GP-77	8/28-9/1/2020	NA
PFC-GP-78	9/21-22/2020	NA
PFC-GP-79	9/17-21/2020	NA
PFC-GP-80	9/14-15/2020	11DE
PFC-GP-81	9/17-18/2020	NA
PFC-GP-82	9/21-22/2020	7.1DE
PFC-GP-83	9/4-8/2020	NA
PFC-GP-84	9/8-9/2020	1.3E
PFC-GP-85	9/10-11/2020	NA
PFC-GP-86	9/9-10/2020	7.2DE
PFC-GP-87	9/1-3/2020	NA
PFC-GP-88	1/25-26/2021	0.22
PFC-GP-89	1/21-22/2021	1.8E
PFC-GP-90	1/15-19/2021	1.2
PFC-GP-91	1/12-14/2021	4.5E
PFC-GP-92	1/11/21	1.5E

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Phase 5 Characterization
Maximum 1,4-Dioxane Results for Temporary Wells

2020 BNL Groundwater Status Report

Well	Sample Date	1,4-Dioxane µg/L
Former Firehouse Area		
PFC-GP-20	08/30/18	NA
PFC-GP-21	08/29/18	NA
PFC-GP-22	08/24/18	NA
PFC-GP-23	08/23/18	NA
PFC-GP-24	08/21/18	NA
PFC-GP-25	08/17/18	NA
PFC-GP-26	08/20/18	NA
BGRR-GP-41	01/02/19	NA
BGRR-GP-147	8/8-9/2018	NA
BGRR-GP-148	01/11/19	NA
BGRR-GP-149	12/12/18	NA
BGRR-GP-151	12/18/18	NA
PFC-GP-97	8/13-14/2020	NA
PFC-GP-98	8/11-12/2020	0.14J
PFC-GP-99	8/17-18/2020	NA
PFC-GP-100	8/18-19/2020	ND
PFC-GP-101	8/20-21/2020	NA
PFC-GP-102	8/24-25/2020	ND
PFC-GP-103	8/24-25/2020	NA
PFC-GP-104	8/26-27/2020	NA
PFC-GP-105	8/26-27/2020	0.14J
PFC-GP-106	8/28-31/2020	NA
PFC-GP-107	01/05/21	ND
PFC-GP-109	09/29/20	NA
PFC-GP-110	9/29-30/2020	ND
PFC-GP-111(b)	9/17-18/2020	NA
PFC-GP-112	9/23-24/2020	0.18J
PFC-GP-113	9/25-28/2020	NA
PFC-GP-114	9/23-24/2020	0.98
PFC-GP-115	9/25-28/2020	NA
PFC-GP-117	10/7-8/2020	0.09J
PFC-GP-118	10/1-2/2020	NA
PFC-GP-119	10/5-6/2020	ND
PFC-GP-120	10/1-2/2020	NA
PFC-GP-121	9/23-24/2020	1.5E
PFC-GP-122	09/18/20	NA
PFC-GP-123	9/21-22/2020	ND
PFC-GP-128	1/14-14/2021	0.3
PFC-GP-129	1/19-20/2021	1.1
PFC-GP-130	1/21-22/2021	1.1
PFC-GP-132	09/28/20	NA
PFC-GP-133	09/29/20	NA
PFC-GP-134	10/01/20	NA
PFC-GP-135	10/02/20	NA
PFC-GP-136	09/30/20	NA
PFC-GP-137	10/06/20	NA

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**Phase 5 Characterization
Maximum 1,4-Dioxane Results for Temporary Wells**

2020 BNL Groundwater Status Report

Well	Sample Date	1,4-Dioxane µg/L
PFC-GP-138	10/13/20	NA
PFC-GP-139	10/15/20	NA
PFC-GP-140	10/19-20/2020	0.19J

a: PFC-GP-68 and PFC-VP01-2020 installed at the same location.

b: PFC-GP-111 installed as OU3BGRRVP-01-2020.

NA: Not analyzed for 1,4-dioxane

ND: Not detected

E: Bias corrected concentration. The analytical laboratory's LIMS system calculates a bias correction based on the recovery of the 1,4-dioxane-d8 isotope.

D: Dilution

J: Estimated concentration.