

T-7	SEP 18
PFOA	5.85
PFOS	2.02
PFHxS	< 1.82
PFNA	< 1.82
PFOA + PFOS	7.87

T-7SB	SEP 18
PFOA	< 1.8
PFOS	< 1.8
PFHxS	< 1.8
PFNA	< 1.8
PFOA + PFOS	ND

T-7DB	SEP 18
PFOA	< 1.79
PFOS	< 1.79
PFHxS	< 1.79
PFNA	< 1.79
PFOA + PFOS	ND

T-28	SEP 18
PFOA	9
PFOS	20
PFHxS	< 1.78
PFNA	< 1.78
PFOA + PFOS	29

T-26	SEP 18
PFOA	163
PFOS	479
PFHxS	5.79
PFNA	3.58
PFOA + PFOS	642

T-23D	SEP 18
PFOA	148
PFOS	401
PFHxS	5.63
PFNA	2.58
PFOA + PFOS	549

T-30	SEP 18
PFOA	542
PFOS	1310
PFHxS	9.07
PFNA	12.8
PFOA + PFOS	1852

T-24	SEP 18
PFOA	90.6
PFOS	289
PFHxS	3.29
PFNA	2.4
PFOA + PFOS	379.6

T-16S	SEP 18
PFOA	38.1
PFOS	262
PFHxS	< 1.8
PFNA	2.41
PFOA + PFOS	300.1

T-19D	SEP 18
PFOA	355
PFOS	4750
PFHxS	16
PFNA	15.1
PFOA + PFOS	5105

T-15S	SEP 18
PFOA	143
PFOS	529
PFHxS	6.55
PFNA	4.9
PFOA + PFOS	672

T-16D	SEP 18
PFOA	152
PFOS	380
PFHxS	< 1.78
PFNA	5.47
PFOA + PFOS	532

T-30SB	SEP 18
PFOA	3200
PFOS	2400
PFHxS	61.8
PFNA	28.8
PFOA + PFOS	5600

T-1S	SEP 18
PFOA	2.16
PFOS	< 1.8
PFHxS	< 1.8
PFNA	< 1.8
PFOA + PFOS	2.16

T-1B	SEP 18
PFOA	< 1.77
PFOS	3.04
PFHxS	< 1.77
PFNA	< 1.77
PFOA + PFOS	3.04

T-1D	SEP 18
PFOA	< 1.83
PFOS	< 1.83
PFHxS	< 1.83
PFNA	< 1.83
PFOA + PFOS	ND

LEGEND:

- T-10 OVERBURDEN AQUIFER MONITORING WELL
- T-11 BEDROCK AQUIFER MONITORING WELL
- GROUNDWATER MANAGEMENT ZONE (GMZ)
- PROPERTY LINE
- RIGHT-OF-WAY (ROW)
- TOPOGRAPHIC CONTOURS 2-FOOT
- FENCE LINE
- FENCE GATE
- STREAM OR POND
- WETLAND

HISTORIC FEATURES

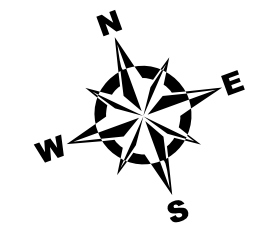
- FORMER SINGLE STORY BUILDING
- FORMER DRUM STORAGE AREA
- FORMER "CAUSTIC LAGOON"
- FORMER "KINGSTON SWAMP"

KEY CONTAMINANTS AND VALUE RANGES (ng/L)				
PFOA	Non-Detect	< 35	≥ 35 & < 70	≥ 70 & < 1,000
PFOS	Non-Detect	< 35	≥ 35 & < 70	≥ 70 & < 1,000
PFOA + PFOS	Non-Detect	< 35	≥ 35 & < 70	≥ 70 & < 1,000

Compound	AGQS	GSL
PFOA	70	40
PFOS	70	40
PFOA + PFOS	70	40
PFHxS	na	na
PFNA	na	na

NOTES:
 AGQS = Ambient Groundwater Quality Standards included in Env-Or 600 - Contaminated Site Management (Env-Or 603.03)
 GSL = Groundwater Screening Level established by EPA
 MCL = Maximum Contaminant Level
 ng/L = nanograms per liter
 na = no standard currently applies
 PFOA = Perfluorooctanoic Acid
 PFOS = Perfluorooctanesulfonic Acid
 PFHxS = Perfluorohexanesulfonic Acid
 PFNA = Perfluorononanoic Acid

- NOTES:**
- BASE MAP WAS COMPILED FROM OTTATI & GOSS OU#4 AS BUILT DRAWINGS.
 - STREAM FEATURES FROM OTTATI & GOSS BEDROCK MAP 1986, NH GIS, ARMY CORPS OF ENGINEERS, 2001, AERIAL PHOTO 2009.
 - WETLANDS AROUND NORTH BROOK DELINEATED BY M&E, NOVEMBER 2007. WETLANDS AROUND SOUTH BROOK DELINEATED BY ARMY CORPS OF ENGINEERS, 2001.
 - TOPOGRAPHIC CONTOURS WERE OBTAINED FROM THE NEW HAMPSHIRE GEOGRAPHICALLY REFERENCED ANALYSIS AND INFORMATION TRANSFER SYSTEM (NH GRANT) IN AUGUST 2018.
 - ANALYTICAL DATA DISPLAYED ON THIS FIGURE ARE FROM THE SEPTEMBER 2018 SAMPLING EVENT.



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OTTATI & GOSS /
 KINGSTON STEEL DRUM SUPERFUND SITE
 KINGSTON, NEW HAMPSHIRE

GROUNDWATER PFOA, PFOS, PFHxS, and PFNA
 KEY CONTAMINANT RESULT SUMMARY

PREPARED BY:	GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR:	NHDES/EPA
PROJECT NO.:	04.0190325.24	REVISION NO.:	
DATE:	MAY 2019	FIGURE	1

© 2019, GZA GeoEnvironmental, Inc. (GZA) 04.0190325.24 - NHDES 2018-2019 Contaminated Site Management (Env-Or 603.03) - PFOA, PFOS, PFHxS, and PFNA Presentation, 5/15/2019, 1:21:57 PM, aimes.mountain