

Table 3-1
Summary of Storm Drain Outfalls

Outfall Number	Description
005	The drainage area associated with Outfall 005 is to the west of the plant adjacent to and north of Warehouse 2/3, and includes a solid waste storage area and the 115 kV switchyard. Drainage is through a grassed swale that receives runoff collected by a culvert and a catch basin prior to being discharged to Bailey Cove. The area is unpaved. This outfall will be removed following decommissioning.
006	The drainage area associated with Outfall 006 receives storm water from material handling, shipping and receiving, and storage areas. It is associated with the loading area of Warehouse 2/3, a portion of the Staff Building parking area, Service Building roof drains, yard drainage in the vicinity of the cooling fans north of the Fuel Building and the north (reserve) transformers. In October 2002 the Outfall 007 drainage area was tied into this system. The subarea includes both paved and unpaved areas and is drained through catch basins and a drainage culvert to a point discharge west of the plant and adjacent to Bailey Cove. This outfall will be removed following decommissioning.
007	The drainage area associated with Outfall 007 receives storm water from the immediate vicinity of the Containment Building. It is comprised of discharges from paved and unpaved areas as well as building roof runoff and groundwater from the vicinity of the Containment Building foundation. The drainage is collected by numerous catch basins and, since October 2002, discharges to Bailey Cove via Outfall 006. Prior to this date, discharges were into the diffuser forebay, which subsequently discharged offshore through a multi-port diffuser into Montsweag Bay. Several of the catch basins and the outfall were abandoned during decommissioning activities.
008	The area associated with Outfall 008 captures drainage from Bailey Point and the area of the plant along the southeastern fence line. Drainage is to a swale and ditch which empties to Montsweag Bay just south of the fence line.
009	The area associated with Outfall 009 captures drainage from the southeast portion of facility paved areas and roof runoff. The area includes a solid waste storage area (not used to date), the former spare transformer, and was an area used for unloading fuel and chemicals during plant operation. Drainage is to catch basins that discharge to a single outfall located south of the former Circulating Water Pumphouse on the shoreline of Montsweag Bay. All but a single catch basin was abandoned during decommissioning activities and, following decommissioning, remaining catch basins will be abandoned and the outfall will be removed.
010	The drainage area associated with Outfall 010 receives storm water from paved and unpaved areas along the east side of the Plant in addition to the former Turbine Hall and the Administrative Building roof drains. Drainage is to catch basins that discharge to a single outfall located north of the former Circulating Water Pumphouse on the shoreline of Montsweag Bay. Located in this area were the main transformers and the security gate, where transport vehicles are held for clearance prior to plant entry. This outfall will be removed following decommissioning.
011	The drainage area associated with Outfall 011 captures drainage from paved roadways leading to the facility northeast of the former Turbine Hall behind the former Information Center. Other drainage includes a groundwater foundation drain and a Staff Building tunnel floor drain. Drainage is to catch basins that discharge to a single outfall located on the shoreline of the Back River. This outfall will be removed following decommissioning.
012	The drainage area associated with Outfall 012 receives storm water from the former Information Center paved parking lot and main access road. Drainage is to catch basins that discharge to a single outfall located on the shoreline of the Back River.
N12	Outfall N12 is an earthen swale that receives runoff from a portion of Parking Lot C and the Information Center Parking Lot.
013	The drainage area associated with Outfall 013 captures runoff from the gravel parking lot associated with the public boat launch in the northeast corner of the Bailey Point area. The drainage swale leads to the Back River.
014	Outfall 014 receives drainage water from the ball field area in the northwest corner of the Bailey Point area and drains to Bailey Cove.

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Summary of Storm Drain Outfalls

Outfall Number	Description
015	Outfall 015 captures drainage water from the area around the ball field and access road near the railroad tracks in the northwest corner of the Bailey Point area and drains to Bailey Cove.
016	Outfall 016 receives drainage water from the wetlands and pond north of the ISFSI and drains to an intertidal area of Bailey Cove west of ISFSI.
017	The drainage area associated with Outfall 017 captures runoff from an area around the ISFSI SOB. Drainage is by a catch basin to a single outfall adjacent to an unnamed drainage swale. The 345 kV Switchyard is located in this area, but its drainage is sheet flow overland to the adjacent environment.
018	The drainage area associated with Outfall 018 receives storm water from the ISFSI. Specifically, draining the area surrounded by the ISFSI berm and future SOB parking area. This area discharges to the intertidal area of Bailey Cove.

Table 3-2
Pre-RFI Selected Geologic Explorations
Bailey Point

Boring Number¹	Northing²	Easting²	Depth to Top of Geologic Unit³	Depth to Bottom of Geologic Unit³	Stratigraphy⁴	Elevation of Top of Geologic Unit⁵	Elevation of Bottom of Geologic Unit⁵
98-10-OW	409243.6	624613.2	0	18	Clay Fill	31.4	13.4
98-10-OW	409243.6	624613.2	18	44	Clay-Silt	13.4	-12.6
98-10-OW	409243.6	624613.2	44	48	Sand	-12.6	-16.6
98-10-OW	409243.6	624613.2	48	49.5	Rock	-16.6	-18.1
98-1-OW	408684.9	624569.1	0	2	Fill	38.1	36.1
98-1-OW	408684.9	624569.1	2	9	Clay-Silt	36.1	29.1
98-1-OW	408684.9	624569.1	9	18.4	Sand	29.1	19.7
98-1-OW	408684.9	624569.1	18.4	22.5	Rock	19.7	15.6
98-2	408822.2	624534.8	0	2	Fill	35.8	33.8
98-2	408822.2	624534.8	2	8	Clay Fill	33.8	27.8
98-2	408822.2	624534.8	8	29	Clay-Silt	27.8	6.8
98-2	408822.2	624534.8	29	48	Sand	6.8	-12.2
98-2	408822.2	624534.8	48	68	Rock	-12.2	-32.2
98-3	408919.4	624605.2	0	6.5	Fill	35.1	28.6
98-3	408919.4	624605.2	6.5	13	Clay Fill	28.6	22.1
98-3	408919.4	624605.2	13	49	Clay-Silt	22.1	-13.9
98-3	408919.4	624605.2	49	57.4	Sand	-13.9	-22.3
98-3	408919.4	624605.2	57.4	57.5	Rock	-22.3	-22.4
98-4	408900.4	624726.8	0	19.3	Clay-Silt	34.7	15.4
98-4	408900.4	624726.8	19.3	30.4	Sand	15.4	4.3
98-4	408900.4	624726.8	30.4	30.5	Rock	4.3	4.2
98-5	409032.2	624569.5	0	2	Fill	33.4	31.4
98-5	409032.2	624569.5	2	13	Shot Rock Fill	31.4	20.4
98-5	409032.2	624569.5	14	23	Clay Fill	19.4	10.4
98-5	409032.2	624569.5	23	27	Clay-Silt	10.4	6.4
98-5	409032.2	624569.5	27	28.5	Sand	6.4	4.9
98-5	409032.2	624569.5	28.5	57.4	Clay-Silt	4.9	-24
98-5	409032.2	624569.5	57.4	57.5	Rock	-24	-24.1
98-6	409010.5	624659.8	0	2	Fill	34.3	32.3
98-6	409010.5	624659.8	2	9	Shot Rock Fill	32.3	25.3
98-6	409010.5	624659.8	9	18	Clay Fill	25.3	16.3
98-6	409010.5	624659.8	18	38	Clay-Silt	16.3	-3.7
98-6	409010.5	624659.8	38	41.4	Sand	-3.7	-7.1
98-6	409010.5	624659.8	41.4	41.5	Rock	-7.1	-7.2
98-7	409010.4	624643.8	0	2	Fill	34.4	32.4
98-7	409010.4	624643.8	2	6	Shot Rock Fill	32.4	28.4
98-7	409010.4	624643.8	9	17	Clay Fill	25.4	17.4
98-7	409010.4	624643.8	17	39.4	Clay-Silt	17.4	-5
98-7	409010.4	624643.8	39.4	39.5	Rock	-5	-5.1
98-8	409010.0	624628.5	0	8	Fill	34.1	26.1

Table 3-2
Pre-RFI Selected Geologic Explorations
Bailey Point

Boring Number¹	Northing²	Easting²	Depth to Top of Geologic Unit³	Depth to Bottom of Geologic Unit³	Stratigraphy⁴	Elevation of Top of Geologic Unit⁵	Elevation of Bottom of Geologic Unit⁵
98-8	409010.0	624628.5	8	15	Clay Fill	26.1	19.1
98-8	409010.0	624628.5	15	39.5	Clay-Silt	19.1	-5.4
98-8	409010.0	624628.5	39.5	40	Sand	-5.4	-5.9
98-8	409010.0	624628.5	40	50	Rock	-5.9	-15.9
98-9-OW	409081.7	624858.5	0	2.5	Fill	31.3	28.8
98-9-OW	409081.7	624858.5	2.5	4	Clay Fill	28.8	27.3
98-9-OW	409081.7	624858.5	4	7.5	Fill	27.3	23.8
98-9-OW	409081.7	624858.5	7.5	23	Clay-Silt	23.8	8.3
98-9-OW	409081.7	624858.5	23	25	Sand	8.3	6.3
98-9-OW	409081.7	624858.5	25	35.6	Rock	6.3	-4.3
B101	407725.2	624148.8	0	9.7	Fill	21	11.3
B101	407725.2	624148.8	9.7	9.8	Rock	11.3	11.2
B101-67	407423.0	623820.9	0	14.5	Fill	27.7	13.2
B101-67	407423.0	623820.9	14.5	72.6	Rock	13.2	-44.9
B102	407759.6	624154.2	0	6.1	Fill	21	14.9
B102	407759.6	624154.2	6.1	6.2	Rock	14.9	14.8
B-102-67	407726.3	623889.8	0	20.6	Fill	31.3	10.7
B-102-67	407726.3	623889.8	20.6	77.7	Rock	10.7	-46.4
B103	407773.8	624117.5	0	8.9	Fill	21	12.1
B103	407773.8	624117.5	8.9	9	Rock	12.1	12
B-103-67	408109.1	624002.4	0	19.6	Clay-Silt	33.5	13.9
B-103-67	408109.1	624002.4	19.6	80	Rock	13.9	-46.5
B104	407745.8	624111.5	0	8.9	Fill	20	11.1
B104	407745.8	624111.5	8.9	9	Rock	11.1	11
B-104-67	407610.6	624270.6	0	15.2	Sand	24.3	9.1
B-104-67	407610.6	624270.6	15.2	70.2	Rock	9.1	-45.9
B105	407717.8	624105.3	0	10.4	Fill	21	10.6
B105	407717.8	624105.3	10.4	10.5	Rock	10.6	10.5
B-105-67	408197.8	623617.0	0	15.1	Clay-Silt	25.5	10.4
B-105-67	408197.8	623617.0	15.1	71	Rock	10.4	-45.5
B10-66	408078.7	624417.1	0	10	Clay-Silt	33	23
B10-66	408078.7	624417.1	10	12	Sand	23	21
B10-66	408078.7	624417.1	12	32	Rock	21	1
B-106-67	407916.0	623744.6	0	12.5	Clay-Silt	31.4	18.9
B-106-67	407916.0	623744.6	12.5	22.5	Rock	18.9	8.9
B-107-67	407766.7	623702.6	0	14	Clay-Silt	29.2	15.2
B-107-67	407766.7	623702.6	14	14	Rock	15.2	15.2
B-108-67	407627.4	623658.5	0	13	Fill	26.2	13.2
B-108-67	407627.4	623658.5	13	23	Rock	13.2	3.2
B10-89	407678.8	624434.1	0	11.4	Clay-Silt	19.2	7.8

Table 3-2
Pre-RFI Selected Geologic Explorations
Bailey Point

Boring Number¹	Northing²	Easting²	Depth to Top of Geologic Unit³	Depth to Bottom of Geologic Unit³	Stratigraphy⁴	Elevation of Top of Geologic Unit⁵	Elevation of Bottom of Geologic Unit⁵
B10-89	407678.8	624434.1	11.4	11.5	Rock	7.8	7.7
B109-67	407567.1	623850.0	0	17.3	Clay-Silt	30.4	13.1
B109-67	407567.1	623850.0	17.3	27.3	Rock	13.1	3.1
B110-67	407525.8	624047.2	0	16.3	Clay-Silt	29.7	13.4
B110-67	407525.8	624047.2	16.3	26.3	Rock	13.4	3.4
B111-67	407669.1	624088.2	0	10	Clay-Silt	31.4	21.4
B111-67	407669.1	624088.2	10	20	Rock	21.4	11.4
B-112-67	407813.3	624131.1	0	5.4	Sand	32.3	26.9
B-112-67	407813.3	624131.1	5.4	15.4	Rock	26.9	16.9
B11-66	407374.5	624081.2	0	6	Fill	30.3	24.3
B11-66	407374.5	624081.2	6	26	Rock	24.3	4.3
B12-66	407825.1	623517.1	0	18	Clay-Silt	23	5
B12-66	407825.1	623517.1	18	38	Rock	5	-15
B1-66	409184.6	625153.9	0	15	Clay-Silt	35.4	20.4
B1-66	409184.6	625153.9	15	19.5	Till	20.4	15.9
B1-66	409184.6	625153.9	19.5	43.5	Rock	15.9	-8.1
B1-89	407815.8	624333.8	0	2.3	Fill	21.6	19.3
B1-89	407815.8	624333.8	2.3	2.4	Rock	19.3	19.2
B1-99	408902.6	624077.3	0	41	Clay-Silt	16.5	-24.5
B1-99	408902.6	624077.3	41	41.1	Rock	-24.5	-24.6
B-1E	408480.3	624134.6	0	6.5	Fill	24	17.5
B-1E	408480.3	624134.6	6.5	6.6	Rock	17.5	17.4
B-201	407335.1	623861.1	0	4	Fill	20.6	16.6
B-201	407335.1	623861.1	4	10	Clay-Silt	16.6	10.6
B-201	407335.1	623861.1	10	61	Rock	10.6	-40.4
B201-69	408120.8	624355.6	0	1.3	Clay-Silt	31	29.7
B201-69	408120.8	624355.6	1.3	1.4	Rock	29.7	29.6
B-202	407377.9	623834.1	0	10.5	Fill	20.4	9.9
B-202	407377.9	623834.1	10.5	15.4	Clay-Silt	9.9	5
B-202	407377.9	623834.1	15.4	66.4	Rock	5	-46
B202-69	408247.7	623840.9	0	0.8	Clay-Silt	29	28.2
B202-69	408247.7	623840.9	0.8	0.9	Rock	28.2	28.1
B203-69	408413.1	623892.5	0	3.5	Clay-Silt	26.8	23.3
B203-69	408413.1	623892.5	3.5	3.6	Rock	23.3	23.2
B-203A	407481.8	623666.5	0	5	Fill	20.8	15.8
B-203A	407481.8	623666.5	5	7.5	Clay-Silt	15.8	13.3
B-203A	407481.8	623666.5	7.5	27.5	Rock	13.3	-6.7
B204-69	408567.3	623854.6	0	21.5	Clay-Silt	20	-1.5
B204-69	408567.3	623854.6	21.5	21.6	Rock	-1.5	-1.6
B-204A	407788.7	623984.0	0	9.8	Fill	21	11.2

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Bailey Point

Boring Number¹	Northing²	Eastings²	Depth to Top of Geologic Unit³	Depth to Bottom of Geologic Unit³	Stratigraphy⁴	Elevation of Top of Geologic Unit⁵	Elevation of Bottom of Geologic Unit⁵
B-204A	407788.7	623984.0	9.8	30.6	Rock	11.2	-9.6
B-205	407390.6	623772.4	0	9	Fill	20	11
B-205	407390.6	623772.4	9	13.7	Rock	11	6.3
B205-69	408547.4	623937.7	0	13.8	Clay-Silt	26	12.2
B205-69	408547.4	623937.7	13.8	13.9	Rock	12.2	12.1
B-206	407420.1	623823.8	0	13.5	Fill	19.6	6.1
B-206	407420.1	623823.8	13.5	23	Rock	6.1	-3.4
B206-69	408532.4	624008.8	0	3	Clay-Silt	27	24
B206-69	408532.4	624008.8	3	3.1	Rock	24	23.9
B207-69	408705.6	623974.5	0	23	Clay-Silt	18	-5
B207-69	408705.6	623974.5	23	23.1	Rock	-5	-5.1
B208-69	408828.9	624013.7	0	21	Clay-Silt	18	-3
B208-69	408828.9	624013.7	21	21.1	Rock	-3	-3.1
B209-69	408615.8	623677.2	0	15.5	Clay-Silt	28	12.5
B209-69	408615.8	623677.2	15.5	15.6	Rock	12.5	12.4
B2-66	408763.5	624867.1	0	16	Clay-Silt	42.2	26.2
B2-66	408763.5	624867.1	16	36	Rock	26.2	6.2
B3-66	409344.0	624981.1	0	19	Clay-Silt	25.9	6.9
B3-66	409344.0	624981.1	19	40	Rock	6.9	-14.1
B3-89	408164.3	624404.0	0	3.3	Fill	29.9	26.6
B3-89	408164.3	624404.0	3.3	3.4	Rock	26.6	26.5
B4-66	408980.1	624714.5	0	23	Clay-Silt	25.7	2.7
B4-66	408980.1	624714.5	23	43	Rock	2.7	-17.3
B4-89	408357.4	624443.1	0	7	Clay-Silt	35.3	28.3
B4-89	408357.4	624443.1	7	7.1	Rock	28.3	28.2
B5-66	409511.2	624797.2	0	34	Clay-Silt	18.7	-15.3
B5-66	409511.2	624797.2	34	51	Sand	-15.3	-32.3
B5-66	409511.2	624797.2	51	63	Clay-Silt	-32.3	-44.3
B5-66	409511.2	624797.2	63	83	Rock	-44.3	-64.3
B5-89	408484.6	624511.4	0	5.7	Clay-Silt	39	33.3
B5-89	408484.6	624511.4	5.7	5.8	Rock	33.3	33.2
B6-66	409114.6	624472.1	0	45.5	Clay-Silt	16.7	-28.8
B6-66	409114.6	624472.1	45.5	66.5	Rock	-28.8	-49.8
B7-66	409399.9	624241.7	0	13.5	Clay-Silt	12.5	-1
B7-66	409399.9	624241.7	13.5	33.5	Rock	-1	-21
B9-66	409327.0	623924.0	0	28	Clay-Silt	11.4	-16.6
B9-66	409327.0	623924.0	28	28.1	Rock	-16.6	-16.7
B9A-66	409327.3	623884.3	0	15	Clay-Silt	11.4	-3.6
B9A-66	409327.3	623884.3	15	35	Rock	-3.6	-23.6
BK-1	407697.2	623734.6	0	16.85	Fill	21	4.15

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Boring Number¹	Northing²	Easting²	Depth to Top of Geologic Unit³	Depth to Bottom of Geologic Unit³	Stratigraphy⁴	Elevation of Top of Geologic Unit⁵	Elevation of Bottom of Geologic Unit⁵
BK-1	407697.2	623734.6	16.85	16.9	Rock	4.15	4.1
BK-2	407669.4	623701.3	0	9	Fill	21	12
BK-2	407669.4	623701.3	9	20	Clay-Silt	12	1
BK-2	407669.4	623701.3	20	23.7	Sand	1	-2.7
BK-2	407669.4	623701.3	23.7	23.8	Rock	-2.7	-2.8
BK-3	407712.6	623724.2	0	14.3	Fill	21	6.7
BK-3	407712.6	623724.2	14.3	18.6	Sand	6.7	2.4
BK-3	407712.6	623724.2	18.6	18.7	Rock	2.4	2.3
BK-4	407676.7	623717.2	0	17	Fill	21	4
BK-4	407676.7	623717.2	17	19.2	Sand	4	1.8
BK-4	407676.7	623717.2	19.2	19.3	Rock	1.8	1.7
BP-GPO1	407034.2	624268.3	0	12	Clay-Silt	30	18
BP-GPO1	407034.2	624268.3	12	12.1	Rock	18	17.9
BP-GPO2	407051.6	624175.4	0	16	Clay-Silt	30	14
BP-GPO2	407051.6	624175.4	16	16.1	Rock	14	13.9
HB4	410707.6	623810.3	0	6	Clay-Silt	27.5	21.5
HB4	410707.6	623810.3	6	6.1	Rock	21.5	21.4
K-1	409253.9	624342.9	0	9.5	Fill	23	13.5
K-1	409253.9	624342.9	9.5	27.5	Clay-Silt	13.5	-4.5
K-1	409253.9	624342.9	27.5	27.6	Rock	-4.5	-4.6
K-2D	409289.4	624384.3	0	6	Fill	23	17
K-2D	409289.4	624384.3	6	30	Clay-Silt	17	-7
K-2D	409289.4	624384.3	30	31	Sand	-7	-8
K-2D	409289.4	624384.3	31	41	Rock	-8	-18
K-3D	409198.3	624362.0	0	5.8	Fill	24	18.2
K-3D	409198.3	624362.0	5.8	34	Clay-Silt	18.2	-10
K-3D	409198.3	624362.0	34	34.3	Sand	-10	-10.3
K-3D	409198.3	624362.0	34.3	44.4	Rock	-10.3	-20.4
K-4D	409274.6	624320.2	0	10	Fill	24	14
K-4D	409274.6	624320.2	10	25	Clay-Silt	14	-1
K-4D	409274.6	624320.2	25	26	Sand	-1	-2
K-4D	409274.6	624320.2	26	36	Rock	-2	-12
P1	407688.6	623679.5	0	24.5	Clay-Silt	21	-3.5
P1	407688.6	623679.5	24.5	24.6	Rock	-3.5	-3.6
P10A	407822.1	623897.4	0	8.3	Clay-Silt	21	12.7
P10A	407822.1	623897.4	8.3	8.4	Rock	12.7	12.6
P10B	407780.3	623988.9	0	2.6	Clay-Silt	20.3	17.7
P10B	407780.3	623988.9	2.6	2.7	Rock	17.7	17.6
P-10D	408863.6	624481.9	0	37	Clay-Silt	35	-2
P-10D	408863.6	624481.9	37	37.1	Rock	-2	-2.1

Table 3-2
Pre-RFI Selected Geologic Explorations
Bailey Point

Boring Number¹	Northing²	Easting²	Depth to Top of Geologic Unit³	Depth to Bottom of Geologic Unit³	Stratigraphy⁴	Elevation of Top of Geologic Unit⁵	Elevation of Bottom of Geologic Unit⁵
P11B	407776.2	624062.5	0	3.8	Clay-Silt	20.3	16.5
P11B	407776.2	624062.5	3.8	3.9	Rock	16.5	16.4
P-11D	408653.5	624571.9	0	23.5	Clay-Silt	38	14.5
P-11D	408653.5	624571.9	23.5	23.6	Rock	14.5	14.4
P12B	407735.9	624074.8	0	3.3	Clay-Silt	20.3	17
P12B	407735.9	624074.8	3.3	3.4	Rock	17	16.9
P-12D	408778.8	624629.4	0	18	Clay-Silt	36	18
P-12D	408778.8	624629.4	18	18.1	Rock	18	17.9
P-13D	409184.1	624403.7	0	32	Clay-Silt	26	-6
P-13D	409184.1	624403.7	32	32.1	Rock	-6	-6.1
P-14D	409036.0	624397.4	0	4	Clay-Silt	27	23
P15B	407921.5	623955.5	0	8.3	Clay-Silt	29.9	21.6
P15B	407921.5	623955.5	8.3	8.4	Rock	21.6	21.5
P-15D	408939.9	624373.2	0	5	Clay-Silt	30	25
P16B	407916.0	624055.1	0	23.5	Clay-Silt	31.2	7.7
P16B	407916.0	624055.1	23.5	23.6	Rock	7.7	7.6
P-16D	408990.0	624384.3	0	5	Clay-Silt	28	23
P17B	407907.1	624154.6	0	3.6	Clay-Silt	28.7	25.1
P17B	407907.1	624154.6	3.6	3.7	Rock	25.1	25
P18B	407986.8	624008.4	0	2	Fill	31.5	29.5
P18B	407986.8	624008.4	2	5	Clay Fill	29.5	26.5
P18B	407986.8	624008.4	5	15.5	Fill	26.5	16
P-18D	409055.9	624530.0	0	4	Fill	33	29
P-18D	409055.9	624530.0	4	25	Clay Fill	29	8
P-18D	409055.9	624530.0	25	50	Clay-Silt	8	-17
P-18D	409055.9	624530.0	50	57	Sand	-17	-24
P-18D	409055.9	624530.0	57	57.1	Rock	-24	-24.1
P1-99	408896.8	624052.4	0	38.5	Clay-Silt	17.3	-21.2
P1-99	408896.8	624052.4	38.5	38.6	Rock	-21.2	-21.3
P19B	407968.0	624110.1	0	11	Clay-Silt	31.5	20.5
P19B	407968.0	624110.1	11	11.1	Rock	20.5	20.4
P1A	407520.9	623616.2	0	7.8	Clay-Silt	21	13.2
P1A	407520.9	623616.2	7.8	7.9	Rock	13.2	13.1
P1B	407612.4	623735.8	0	10.8	Clay-Silt	20.3	9.5
P1B	407612.4	623735.8	10.8	10.9	Rock	9.5	9.4
P-1D	408623.5	624199.0	0	4.5	Clay-Silt	23	18.5
P-1D	408623.5	624199.0	4.5	4.6	Rock	18.5	18.4
P2	407658.4	623673.0	0	27	Clay-Silt	21	-6
P2	407658.4	623673.0	27	27.1	Rock	-6	-6.1
P20B	408045.0	623981.3	0	7.5	Clay-Silt	31.2	23.7

Table 3-2
Pre-RFI Selected Geologic Explorations
Bailey Point

Boring Number¹	Northing²	Easting²	Depth to Top of Geologic Unit³	Depth to Bottom of Geologic Unit³	Stratigraphy⁴	Elevation of Top of Geologic Unit⁵	Elevation of Bottom of Geologic Unit⁵
P20B	408045.0	623981.3	7.5	7.6	Rock	23.7	23.6
P21B	408083.2	624041.7	0	17.5	Clay-Silt	31.2	13.7
P21B	408083.2	624041.7	17.5	17.6	Rock	13.7	13.6
P22B	408053.6	624135.8	0	1.2	Clay-Silt	31.3	30.1
P22B	408053.6	624135.8	1.2	1.3	Rock	30.1	30
P23B	408120.2	624098.8	0	13.8	Clay-Silt	31.4	17.6
P23B	408120.2	624098.8	13.8	13.9	Rock	17.6	17.5
P2-99	408892.7	624075.5	0	44.1	Clay-Silt	17	-27.1
P2-99	408892.7	624075.5	44.1	44.2	Rock	-27.1	-27.2
P2A	407584.1	623629.8	0	9.2	Clay-Silt	21	11.8
P2A	407584.1	623629.8	9.2	9.3	Rock	11.8	11.7
P2B	407636.9	623735.3	0	4.2	Clay-Silt	20.1	15.9
P2B	407636.9	623735.3	4.2	4.3	Rock	15.9	15.8
P2C	408146.2	623558.3	0	20	Clay-Silt	26	6
P2C	408146.2	623558.3	20	20.1	Rock	6	5.9
P-2D	408721.6	624218.3	0	7	Clay-Silt	24	17
P-2D	408721.6	624218.3	7	7.1	Rock	17	16.9
P3	407627.7	623667.0	1	16.1	Clay-Silt	20	4.9
P3	407627.7	623667.0	16.1	16.2	Rock	4.9	4.8
P3-99	408913.9	624068.1	0	22.1	Clay-Silt	16.5	-5.6
P3-99	408913.9	624068.1	22.1	22.2	Rock	-5.6	-5.7
P3A	407515.2	623642.9	0	13.1	Clay-Silt	21	7.9
P3A	407515.2	623642.9	13.1	13.2	Rock	7.9	7.8
P3C	408065.8	623587.5	0	22	Clay-Silt	23	1
P3C	408065.8	623587.5	22	22.1	Rock	1	0.9
P-3D	408820.5	624270.0	0	19	Clay-Silt	28	9
P-3D	408820.5	624270.0	19	19.1	Rock	9	8.9
P4	407633.1	623638.8	0	16.5	Clay-Silt	21	4.5
P4	407633.1	623638.8	16.5	16.6	Rock	4.5	4.4
P4-99	408909.2	624090.3	0	40.5	Clay-Silt	16.8	-23.7
P4-99	408909.2	624090.3	40.5	40.6	Rock	-23.7	-23.8
P4A	407578.3	623656.5	0	11.2	Clay-Silt	21	9.8
P4A	407578.3	623656.5	11.2	11.3	Rock	9.8	9.7
P4B	407661.0	623740.5	0	3.1	Clay-Silt	20.4	17.3
P4B	407661.0	623740.5	3.1	3.2	Rock	17.3	17.2
P4C	408148.9	623545.5	0	13.5	Clay-Silt	27	13.5
P4C	408148.9	623545.5	13.5	13.6	Rock	13.5	13.4
P-4D	408908.4	624293.6	0	23	Clay-Silt	25	2
P-4D	408908.4	624293.6	23	23.1	Rock	2	1.9
P5	407664.3	623645.6	0	26.5	Clay-Silt	21	-5.5

Table 3-2
Pre-RFI Selected Geologic Explorations
Bailey Point

Boring Number¹	Northing²	Easting²	Depth to Top of Geologic Unit³	Depth to Bottom of Geologic Unit³	Stratigraphy⁴	Elevation of Top of Geologic Unit⁵	Elevation of Bottom of Geologic Unit⁵
P5	407664.3	623645.6	26.5	26.6	Rock	-5.5	-5.6
P5-99	408869.5	624052.8	0	36.3	Clay-Silt	18.5	-17.8
P5-99	408869.5	624052.8	36.3	36.4	Rock	-17.8	-17.9
P5A	407621.3	623727.5	0	12	Clay-Silt	21	9
P5A	407621.3	623727.5	12	12.1	Rock	9	8.9
P5C	407975.1	623532.5	0	9	Clay-Silt	25	16
P5C	407975.1	623532.5	9	9.1	Rock	16	15.9
P-5D	409100.3	624335	0	29	Clay-Silt	24	-5
P-5D	409100.3	624335	29	29.1	Rock	-5	-5.1
P6	407694.3	623653.1	0	21.5	Clay-Silt	21	-0.5
P6	407694.3	623653.1	21.5	21.6	Rock	-0.5	-0.6
P62	410337.3	624291.9	0	3	Fill	23.8	20.8
P62	410337.3	624291.9	3	3.1	Rock	20.8	20.7
P63	410374.9	624245.1	0	6.5	Clay-Silt	23.9	17.4
P63	410374.9	624245.1	6.5	6.6	Rock	17.4	17.3
P68	408415.7	624471.8	0	5	Clay-Silt	37	32
P68	408415.7	624471.8	5	5.1	Rock	32	31.9
P69	408319.0	624431.8	0	8.5	Clay-Silt	34.4	25.9
P69	408319.0	624431.8	8.5	8.6	Rock	25.9	25.8
P6-99	408862.5	624087.8	0	8.8	Clay-Silt	18.5	9.7
P6-99	408862.5	624087.8	8.8	8.9	Rock	9.7	9.6
P6B	407351.8	624151.6	0	2.8	Clay-Silt	20.1	17.3
P6B	407351.8	624151.6	2.8	2.9	Rock	17.3	17.2
P-6D	408810.3	624318.9	0	14.5	Clay-Silt	30	15.5
P-6D	408810.3	624318.9	14.5	14.6	Rock	15.5	15.4
P70	408280.5	624416.4	0	7.5	Clay-Silt	33.2	25.7
P70	408280.5	624416.4	7.5	7.6	Rock	25.7	25.6
P71	408234.0	624405.3	0	7	Clay-Silt	32.2	25.2
P71	408234.0	624405.3	7	7.1	Rock	25.2	25.1
P77	407845.3	624339.0	0	5	Clay-Silt	22.4	17.4
P77	407845.3	624339.0	5	5.1	Rock	17.4	17.3
P78	407739.3	624336.5	0	10	Clay-Silt	20.2	10.2
P78	407739.3	624336.5	10	10.1	Rock	10.2	10.1
P7A	407808.8	623829.0	0	4.4	Clay-Silt	21	16.6
P7A	407808.8	623829.0	4.4	4.5	Rock	16.6	16.5
P7B	407339.2	624210.1	0	3.2	Clay-Silt	20.5	17.3
P7B	407339.2	624210.1	3.2	3.3	Rock	17.3	17.2
P-7D	408886.8	624385.6	0	20.8	Clay-Silt	30	9.2
P-7D	408886.8	624385.6	20.8	20.9	Rock	9.2	9.1
P8A	407836.1	623835.6	0	5.3	Clay-Silt	21	15.7

Table 3-2
Pre-RFI Selected Geologic Explorations
Bailey Point

Boring Number¹	Northing²	Easting²	Depth to Top of Geologic Unit³	Depth to Bottom of Geologic Unit³	Stratigraphy⁴	Elevation of Top of Geologic Unit⁵	Elevation of Bottom of Geologic Unit⁵
P8A	407836.1	623835.6	5.3	5.4	Rock	15.7	15.6
P8B	407411.0	624164.3	0	2.3	Clay-Silt	20.5	18.2
P8B	407411.0	624164.3	2.3	2.4	Rock	18.2	18.1
P-8D	409079.1	624431.1	0	28	Clay-Silt	27	-1
P-8D	409079.1	624431.1	28	28.1	Rock	-1	-1.1
P9	407803.8	623689.4	0	16	Clay-Silt	21	5
P9	407803.8	623689.4	16	16.1	Rock	5	4.9
P9A	407795.4	623890.9	0	5.5	Clay-Silt	21	15.5
P9A	407795.4	623890.9	5.5	5.6	Rock	15.5	15.4
P9B	407394.3	624241.8	0	1.7	Clay-Silt	20.6	18.9
P9B	407394.3	624241.8	1.7	1.8	Rock	18.9	18.8
P-9D	408766.4	624458.8	0	23.5	Clay-Silt	36	12.5
P-9D	408766.4	624458.8	23.5	23.6	Rock	12.5	12.4
T-28U	409804.6	624103.1	0	35	Clay-Silt	15	-20
T-28U	409804.6	624103.1	35	35.1	Rock	-20	-20.1
T-29C	409160.5	623940.3	0	23	Clay-Silt	13	-10
T-29C	409160.5	623940.3	23	23.1	Rock	-10	-10.1
T-45A	409866.5	624305.1	0	11	Clay-Silt	18	7
T-45C	409871.3	624246.5	0	30	Clay-Silt	18	-12
T-45C	409871.3	624246.5	30	30.1	Rock	-12	-12.1
T-46C	409140.7	624060.4	0	26	Clay-Silt	15	-11
T-46C	409140.7	624060.4	26	26.1	Rock	-11	-11.1
TB-1	407703.3	623669.1	0	12	Clay-Silt	21	9
TB-1	407703.3	623669.1	12	12.1	Rock	9	8.9
TB10B	408098.7	624427.8	0	14.7	Clay-Silt	36.6	21.9
TB10B	408098.7	624427.8	14.7	14.8	Rock	21.9	21.8
TB11A	407839.6	623555.6	0	16	Clay-Silt	20.7	4.7
TB11A	407839.6	623555.6	16	16.1	Rock	4.7	4.6
TB11B	408093.2	624464.8	0	16.5	Clay-Silt	35.6	19.1
TB11B	408093.2	624464.8	16.5	16.6	Rock	19.1	19
TB12A	407907.8	623570.3	0	14.6	Clay-Silt	20.5	5.9
TB12A	407907.8	623570.3	14.6	14.7	Rock	5.9	5.8
TB12B	408001.2	623941.2	0	12.2	Clay-Silt	31.1	18.9
TB12B	408001.2	623941.2	12.2	12.3	Rock	18.9	18.8
TB13A	407891.9	623644	0	3.6	Clay-Silt	20.7	17.1
TB13A	407891.9	623644	3.6	3.7	Rock	17.1	17
TB13B	408023.6	624079.9	0	13	Clay-Silt	31.2	18.2
TB13B	408023.6	624079.9	13	13.1	Rock	18.2	18.1
TB14A	407823.7	623629.4	0	4.6	Clay-Silt	20.9	16.3
TB14A	407823.7	623629.4	4.6	4.7	Rock	16.3	16.2

Table 3-2
Pre-RFI Selected Geologic Explorations
Bailey Point

Boring Number¹	Northing²	Easting²	Depth to Top of Geologic Unit³	Depth to Bottom of Geologic Unit³	Stratigraphy⁴	Elevation of Top of Geologic Unit⁵	Elevation of Bottom of Geologic Unit⁵
TB14B	408002.0	624175.7	0	4.8	Clay-Silt	31.2	26.4
TB14B	408002.0	624175.7	4.8	4.9	Rock	26.4	26.3
TB1B	407906.7	624029.6	0	25	Clay-Silt	30.8	5.8
TB1B	407906.7	624029.6	25	25.1	Rock	5.8	5.7
TB1C	407949.8	623587.8	0	18.4	Clay-Silt	22	3.6
TB1C	407949.8	623587.8	18.4	18.5	Rock	3.6	3.5
TB-1D	409109.8	624386.1	0	27.8	Clay-Silt	26	-1.8
TB-1D	409109.8	624386.1	27.8	27.9	Rock	-1.8	-1.9
TB-2	407725.5	623674.6	0	8.3	Clay-Silt	21	12.7
TB-2	407725.5	623674.6	8.3	8.4	Rock	12.7	12.6
TB2B	407886.1	624125.6	0	12.3	Clay-Silt	31	18.7
TB2B	407886.1	624125.6	12.3	12.4	Rock	18.7	18.6
TB2C	408140.0	623586.9	0	28.8	Clay-Silt	26.5	-2.3
TB2C	408140.0	623586.9	28.8	28.9	Rock	-2.3	-2.4
TB-2D	408993.2	624360.1	0	25.9	Clay-Silt	21	-4.9
TB-2D	408993.2	624360.1	25.9	26	Rock	-4.9	-5
TB-3	407714.7	623663.0	0	12.2	Clay-Silt	21	8.8
TB-3	407714.7	623663.0	12.2	12.3	Rock	8.8	8.7
TB3B	407941.3	624455.4	0	25.6	Clay-Silt	26.2	0.6
TB3B	407941.3	624455.4	25.6	25.7	Rock	0.6	0.5
TB3C	408086.1	623555.6	0	26	Clay-Silt	26.5	0.5
TB3C	408086.1	623555.6	26	26.1	Rock	0.5	0.4
TB-3D	408915.4	624293.9	0	24	Clay-Silt	21	-3
TB-3D	408915.4	624293.9	24	24.1	Rock	-3	-3.1
TB-4	407728.8	623655.9	0	8	Clay-Silt	21	13
TB-4	407728.8	623655.9	8	8.1	Rock	13	12.9
TB4B	408002.2	624407	0	15.2	Clay-Silt	26.5	11.3
TB4B	408002.2	624407	15.2	15.3	Rock	11.3	11.2
TB4C	408151.7	623526.4	0	6.1	Clay-Silt	28.5	22.4
TB4C	408151.7	623526.4	6.1	6.2	Rock	22.4	22.3
TB-4D	408835.3	624274.1	0	23	Clay-Silt	26	3
TB-4D	408835.3	624274.1	23	23.1	Rock	3	2.9
TB-5	407705.9	623653.3	0	14.5	Clay-Silt	21	6.5
TB-5	407705.9	623653.3	14.5	14.6	Rock	6.5	6.4
TB5B	407993.8	624445.9	0	14.7	Clay-Silt	26	11.3
TB5B	407993.8	624445.9	14.7	14.8	Rock	11.3	11.2
TB5C	407971.3	623487.6	0	8.4	Clay-Silt	28	19.6
TB5C	407971.3	623487.6	8.4	8.5	Rock	19.6	19.5
TB-5D	408825.4	624322.4	0	14.6	Clay-Silt	29.5	14.9
TB-5D	408825.4	624322.4	14.6	14.7	Rock	14.9	14.8

Table 3-2
Pre-RFI Selected Geologic Explorations
Bailey Point

Boring Number¹	Northing²	Eastings²	Depth to Top of Geologic Unit³	Depth to Bottom of Geologic Unit³	Stratigraphy⁴	Elevation of Top of Geologic Unit⁵	Elevation of Bottom of Geologic Unit⁵
TB6B	407985.7	624483.4	0	15.1	Clay-Silt	25.7	10.6
TB6B	407985.7	624483.4	15.1	15.2	Rock	10.6	10.5
TB-6D	409052.4	624323.0	0	26.7	Clay-Silt	25	-1.7
TB-6D	409052.4	624323.0	26.7	26.8	Rock	-1.7	-1.8
TB7B	408050.4	624417.4	0	18.5	Clay-Silt	34.4	15.9
TB7B	408050.4	624417.4	18.5	18.6	Rock	15.9	15.8
TB8B	408042.3	624455.0	0	10	Clay-Silt	29.8	19.8
TB8B	408042.3	624455.0	10	10.1	Rock	19.8	19.7
TB9B	408032.0	624503.3	0	12.6	Clay-Silt	25.6	13
TB9B	408032.0	624503.3	12.6	12.7	Rock	13	12.9
TP-1E-92	408330.3	624058.6	0	5	Fill	24	19
TP-1E-92	408330.3	624058.6	5	5.1	Rock	19	18.9
TP-2E-92	408748.8	624189.1	0	4.5	Fill	24	19.5
TP-2E-92	408748.8	624189.1	4.5	4.6	Rock	19.5	19.4

Notes:

1. See Table 5-2 in QAPP (Stratex, 2001d) for installation date. Some data from Table 5-2 is corrected here.
2. Northings and Eastings are Maine State Grid Coordinates, East Zone, NAD 1927, in feet. Not all locations were surveyed and coordinates were obtained from scale drawings.
3. All depths in feet below ground surface (bgs). Where rock thickness is defined as 0.1 foot, the original boring log indicated "Refusal".
4. Simplified Stratigraphic Descriptions by Robert G. Gerber, C.G.
5. All elevations in feet referenced to NGVD, 1929 Mean Sea Level.

Table 3-3
Vertical Gradient Direction in Paired Wells
Bailey Point

Well Number	Measured Groundwater Elevation ¹ 12/11/01	Direction Groundwater Movement 12/11/01	Measured Groundwater Elevation ¹ 4/01/02	Direction Groundwater Movement 4/01/02	Measured Groundwater Elevation ¹ 9/16/02	Direction Groundwater Movement 9/16/02	Measured Groundwater Elevation ¹ 11/13/02	Direction Groundwater Movement 11/13/02
302A	26.4	upward	27.8	upward	26.2	downward	11.9	
302B	26.2		26.3		29.5		NM ²	
303A	29.8	downward	34.7	downward	30.0	downward	NM	
303B	30.5		35.3		30.3		NM	
304A	29.0	downward	34.5	downward	29.6	downward	NM	
304B	30.0		36.8		30.9		NM	
305A	18.1	upward	18.9	upward	17.7	upward	NM	
305B	13.2		17.8		17.5		NM	
401A	NI ³		NI		8.8	downward	9.5	downward
401B	NI		NI		15.7		16.8	
406A	NI		NI		18.8	upward	17.3	downward
406B	NI		NI		18.7		19.3	
407A	NI		NI		NM		14.9	downward
407B	NI		NI		17.5		19.0	
409A	NI		NI		12.8	downward	14.1	downward
409B	NI		NI		16.3		18.7	
422A	NI		NI		NI		11.1	downward
422B	NI		NI		NI		14.0	
423A	NI		NI		10.5	downward	11.7	upward
423B	NI		NI		12.5		10.6	
424A	NI		NI		29.1	downward	NM	
424B	NI		NI		29.5		NM	

Notes:

1. Elevations in feet referenced to NGVD
2. NM – Water level Not Measured
3. NI – Monitoring well Not Installed